World Health Organization
Regional Office for South-East Asia

Yellow Pages of WHO Collaborating Centres
in the South-East Asia Region
March 2016
Yellow Pages of WHO Collaborating Centres in South-East Asia Region
## Contents

**Foreword**

**BANGLADESH**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAN-5</td>
<td>Training and Development of Public Health Workforce</td>
<td>3</td>
</tr>
<tr>
<td>BAN-7</td>
<td>Diarrhoal Diseases Research</td>
<td>4</td>
</tr>
</tbody>
</table>

**DEMOCRATIC PEOPLE’S REPUBLIC OF KOREA**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>KRD-4</td>
<td>Primary Health Care Development</td>
<td>9</td>
</tr>
</tbody>
</table>

**INDIA**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>IND-37</td>
<td>Human Reproduction</td>
<td>13</td>
</tr>
<tr>
<td>IND-39</td>
<td>Secondary Standard Radiation Dosimetry</td>
<td>14</td>
</tr>
<tr>
<td>IND-48</td>
<td>Research and Training on Diarrhoeal Diseases</td>
<td>15</td>
</tr>
<tr>
<td>IND-52</td>
<td>Occupational Health</td>
<td>16</td>
</tr>
<tr>
<td>IND-53</td>
<td>Research and Training in Lymphatic Filariasis and Integrated Vector Management</td>
<td>17</td>
</tr>
<tr>
<td>IND-55</td>
<td>Tuberculosis Research and Training</td>
<td>18</td>
</tr>
<tr>
<td>IND-56</td>
<td>Tuberculosis Research and Training</td>
<td>19</td>
</tr>
<tr>
<td>IND-59</td>
<td>Cancer Prevention, Screening and Early Detection</td>
<td>20</td>
</tr>
<tr>
<td>IND-64</td>
<td>Rabies Epidemiology</td>
<td>21</td>
</tr>
<tr>
<td>IND-66</td>
<td>Research and Training in Safety Technology</td>
<td>22</td>
</tr>
<tr>
<td>IND-71</td>
<td>Training in Clinical and Laboratory Genetics in Developing Countries</td>
<td>23</td>
</tr>
<tr>
<td>IND-76</td>
<td>Mental Health Research and Training</td>
<td>24</td>
</tr>
<tr>
<td>IND-77</td>
<td>Epidemiology and Training</td>
<td>25</td>
</tr>
<tr>
<td>IND-79</td>
<td>Training and Research in Newborn Care</td>
<td>26</td>
</tr>
<tr>
<td>IND-81</td>
<td>District Health System based on Primary Health Care</td>
<td>27</td>
</tr>
<tr>
<td>IND-83</td>
<td>Prevention of Blindness</td>
<td>28</td>
</tr>
<tr>
<td>IND-85</td>
<td>Research, Education and Training in Diabetes</td>
<td>29</td>
</tr>
<tr>
<td>IND-88</td>
<td>Injury Prevention and Safety Promotion</td>
<td>30</td>
</tr>
<tr>
<td>IND-90</td>
<td>Reference and Research in Rabies</td>
<td>31</td>
</tr>
<tr>
<td>IND-91</td>
<td>Diagnosis, Reference, Research and Training in Leptospirosis</td>
<td>32</td>
</tr>
<tr>
<td>IND-92</td>
<td>HIV Diagnosis and Monitoring of Antiretroviral</td>
<td>33</td>
</tr>
<tr>
<td>IND-93</td>
<td>Research and Training in Occupational and Environmental Health</td>
<td>34</td>
</tr>
<tr>
<td>IND-95</td>
<td>Substance Abuse</td>
<td>35</td>
</tr>
<tr>
<td>IND-96</td>
<td>Research, Community-based Action and Programme Development in Child Health</td>
<td>36</td>
</tr>
<tr>
<td>IND-99</td>
<td>Reference and Research on Fungi of Medical Importance</td>
<td>37</td>
</tr>
<tr>
<td>IND-100</td>
<td>Research and Training in Community Based Maternal, Newborn and Child Health</td>
<td>38</td>
</tr>
<tr>
<td>IND-101</td>
<td>Noncommunicable Diseases Prevention and Control</td>
<td>39</td>
</tr>
<tr>
<td>IND-107</td>
<td>Development of Rehabilitation Technology, Capacity Building and Disability Prevention</td>
<td>40</td>
</tr>
<tr>
<td>IND-108</td>
<td>Research and Capacity Building in Chronic Respiratory Diseases</td>
<td>41</td>
</tr>
<tr>
<td>IND-109</td>
<td>Family of International Classifications</td>
<td>42</td>
</tr>
<tr>
<td>IND-111</td>
<td>Health of indigenous populations</td>
<td>43</td>
</tr>
</tbody>
</table>
IND-113  Capacity Building and Research in Community-based Noncommunicable Disease Prevention and Control 44
IND-114  Training and Policy on Access to Pain Relief 45
IND-116  Strengthening Capacity for Emerging Infectious Diseases 46
IND-117  Traditional Medicine 47
IND-118  Traditional Medicine 48
IND-121  Laboratory testing and evaluation of public health pesticides 49
IND-122  Oral Health Promotion 50
IND-124  Surveillance, Capacity building and Translational Research in Cardio-Metabolic Diseases 51
IND-125  Viral Hepatitis and Liver Diseases 52
IND-126  Training and Research in Essential Medicines and Rational Use of Medicines 53
IND-127  Leprosy Research and Epidemiology 54
IND-128  Tuberculosis Training 55
IND-129  Prevention of avoidable blindness and visual impairment 56
IND-131  Training and Research in Tuberculosis 57
IND-133  Priority Medical Devices & Health Technology Policy. 58
IND-134  Drinking water and sanitation 59

INDONESIA
INO-19  Prevention of Deafness and Hearing Impairment 63
INO-21  Health Research System Management 64
INO-22  Training and Research on Disaster Risk Reduction 65

MYANMAR
MMR-4  Nursing and Midwifery Development 69

NEPAL
NEP-5  TB and TB/HIV Research and Training 73

SRI LANKA
SRL-8  Training and Research in Occupational Health 77
SRL-9  Public Health Workforce Development 78

THAILAND
THA-13  Water Supply and Waste Disposal 81
THA-16  Occupational Health 82
THA-17  Secondary Standard Radiation Dosimetry 83
THA-19  Research in Human Reproduction 84
THA-25  Quality Assurance of Essential Drugs 85
THA-26  Primary Health Care Development 86
THA-29  Research on Rabies Pathogenesis and Prevention 87
THA-34 Nursing and Midwifery Development 88
THA-35 Nursing and Midwifery Development 89
THA-38 Case Management of Severe Dengue 90
THA-40 Venomous Snake Toxicology and Research 91
THA-41 Injury Prevention and Safety Promotion 92
THA-43 Nursing and Midwifery Development 93
THA-44 Training in Blood Transfusion Medicine 94
THA-45 Diagnostic Reference, Training and Investigation of Emerging Infectious Diseases 95
THA-47 Capacity Building and Research in Environmental Health Science and Toxicology 96
THA-48 Training in Medical Rehabilitation and Prosthetics - Orthotics 97
THA-52 Family of International Classifications 98
THA-54 Research and Training in Public Health Development 99
THA-56 Research and Training on Gender and Women’s health (CRTGWH) 100
THA-57 Research and Training on Viral Zoonoses 101
THA-60 Research and Training on Epidemiology 102
THA-62 Oral Health Education and Research 103
THA-63 Research Synthesis in Reproductive Health 104
THA-67 Research and Control of Opisthorchiasis (Southeast Asian liver fluke disease) 105
THA-68 Health Economics 106
THA-69 Research in Human Reproduction 107
THA-71 Antimicrobial Resistance Surveillance and Training 108
THA-72 Strengthening Quality System in Health Laboratory 109
THA-73 Medical Education 110
THA-74 Field Epidemiology 111
THA-75 Training and Research on HIV/AIDS Clinical Management and Counselling 112
Foreword

WHO Collaborating Centres (WHO CCs) form part of an international and cross-institutional collaborative network set up by the World Health Organization. WHO CCs are a highly valued mechanism of operation in which relevant institutions are designated by WHO to support the implementation and achievement of the Organization’s planned strategic objectives at the global, regional and country levels; enhance the scientific validity of its global health work; and develop and strengthen institutional capacity in countries and regions.

The criteria to be applied in the selection of institutions for designation as a WHO collaborating centre are decided by the technical departments. All centres are designated by the initiative of a WHO Department after successful completion of several years of collaboration with WHO in carrying out jointly planned activities. The designation is a time limited contractual relation between the institution and WHO. It is originally given for a period of four years, and it is renewable for the same or shorter periods.

The designation of WHO Collaborating Centres provides institutions with enhanced visibility and recognition by national authorities, and calls public attention to the health issues on which they work. It opens up improved opportunities for them to exchange information and develop technical cooperation with other institutions, in particular at the international level, and to mobilize additional and sometimes important resources from funding partners.

WHO CCs in the South-East Asia Region (SEAR) were first conceived of in 1998. The number of WHO CCs rose from 80 centers in 1998 to 89 centers in 2016. WHO CCs have time and again shown to be invaluable resources in areas as diverse as collaboration on surveys and studies on a range of health issues, laboratory support, distribution of reagents, cultures and antisera, organization of capacity building/training workshops, development of guidelines, strengthening research capacity, organization of high level conferences and meetings, database development and maintenance, information dissemination and a range of other things. On many occasions, WHO CCs have extended priceless support during the emergence of novel infectious agents. They therefore greatly contribute towards achieving WHO’s mission as the relevant authority in directing and coordinating health within the UN system.

The Yellow pages of WHO Collaborating Centres in the South-East Asia Region is intended to be a reference guide for use by technical units in the WHO Regional Office, country offices and by collaborating centres in the South-East Asia Region. It will also promote and facilitate collaboration between WHO collaborating centres in the countries, the Region, and especially between centres with similar interests and activities.

Dr Poonam Khetrapal Singh
Regional Director
WHO South-East Asia Region
March 2016
Ref.No. [Initiator]
BAN-5 [SEARO]

Title of the centre:
WHO Collaborating Centre for Training and Development of Public Health Workforce

Director / Head:
Professor Akhtarun Naher director@nipsom.org

Institution:
Occupation and Environment Health, National Institute of Preventive and Social Medicine (NIPSOM)

Address:
Airport Road, Mohakhali, Dhaka-1212

Town:  Dhaka  Country:  BANGLADESH  Region:  SEARO
Phone:  (880-2) 882 1236  Fax:  (880-2) 9898798  Web site:  www.nipsom.org

Date of designation:  12 May 2006  Last redesignation:  07 Jul 2014  Expiry:  07 Jul 2018

Terms of reference:
1. Serve as a resource centre for research and development in the area of human resources for public health specialists, such as physicians, epidemiologists, nurses, midwives and technicians, particularly for creating an evidence base for the national and international communities.
2. Serve as a centre of excellence for training of health professionals to develop leadership in public health in Preventive and Social Medicine and to develop leadership among health professionals working in the areas of Public Health.
3. Promote and support international, regional and national networking for institutional capacity building, faculty development and mainstreaming public health courses.
4. Serve as a center for developing guidelines and modules related to public health issues and curriculum for different PH courses.

Subjects:
1. Human resources for health (excluding Nursing)
2. Health systems research & development

Types of activity:
1. Implementation of WHO programmes and activities at country level
2. Information dissemination
3. Product development (guidelines; manual; methodologies; etc.)

WHO Outputs:
Ower: 10.7 - Knowledge management and eHealth policies and strategies developed and implemented in order to strengthen health systems.

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Ref.No. [Initiator]  
BAN-7 [SEARO]  

Title of the centre:  
WHO Collaborating Centre for Diarrhoeal Diseases Research  

Director / Head:  
Doctor John David Clemens  jmclems@icddrb.org  
Ms Nasmeen Ahmed naseem@icddrb.org  

Institution:  
International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR)  

Address:  
68, Shaheed Tajuddin, Ahmed Sarani, Mohakhali, 1212  

Town:  Dhaka  
Country:  BANGLADESH  
Region:  SEARO  

Phone:  +8802-9827072  
Fax:  +8802-9827077  
Web site:  http://www.icddrb.org  

Date of designation:  23 Jun 2015  
Last redesignation:  23 Jun 2015  
Expiry:  23 Jun 2019  

Terms of reference:  

1. To undertake training of health professionals to increase their competence in the epidemiology, clinical aspects, diagnosis, management and prevention of diarrhoeal diseases.  
   This ToR will be coordinated by the Technical Training Unit under Human Resources.  

2. To undertake collaborative research in areas of diarrhoeal diseases and food safety including cholera, shigellosis, salmonellosis, campylobacteriosis and typhoid fever; infections due to enterotoxigenic E. coli, rotavirus and other viral agents; and parasitic intestinal infections.  
   This ToR will be coordinated by the Centre for Food and Water Borne Diseases.  

3. To undertake collaborative research in the areas of IMCI and Nutrition, and to undertake training programmes of health professionals to improve their knowledge and skills in the implementation of programmes on IMCI and nutrition as well as undertaking collaborative research in adolescent health and undertake training to meet the health needs of adolescents, develop and test a range of interventions as “Healthy Transitions for Adolescents” to prevent maternal and childhood mortality and morbidity.  
   This ToR will be coordinated by the Centre for Child & Adolescent Health.  

4. To undertake collaborative research in the areas of vaccines research and immunobiology, particularly against rotavirus, V. cholerae and enterotoxigenic E. coli (ETEC), and typhoid fever.  
   This ToR will be coordinated by the Centre for Vaccine Sciences.  

   This ToR will be coordinated by the Laboratories Operation Management under Research, Clinical Administration & Strategy.  

6. To undertake collaborative research to develop alternative treatment options for diarrhoeal diseases.  
   This ToR will be coordinated by the Nutritional Biochemistry Laboratories, Centre for Vaccine Sciences.  

7. To enhance the capacity to investigate, study and manage outbreaks of diarrhoeal diseases globally and provide advisory services as and when required.  
   This ToR will be coordinated by the Dhaka Hospital under Research, Clinical Administration & Strategy.  

8. To undertake research, training, teaching and informing policy to improve nutrition and food security.  
   This ToR will be coordinated by the Centre for Nutrition and Food Security.
Subjects:
1. Diarrhoeal diseases and cholera
2. Research policy & development
3. Child & maternal health

Types of activity:
1. Collection and collation of information
2. Research
3. Evaluation

WHO Outputs:
3.1.4 - Research undertaken, and evidence generated and synthesized to design key interventions in reproductive, maternal, newborn, child and adolescent health, and other conditions and issues linked to it
3.1.2 - Countries’ capacity strengthened to expand high-quality interventions to improve child health and early child development and end preventable child deaths, including from pneumonia and diarrhoea
4.1.1 - Advocacy and policy dialogue to support countries to develop comprehensive national health policies, strategies and plans

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Democratic People’s Republic of Korea

Yellow Pages of WHO Collaborating Centres in South-East Asia Region
Ref.No. [Initiator]
KRD-4 [SEARO]

Title of the centre:
WHO Collaborating Centre for Primary Health Care Development

Director / Head:
Dr Chang Sik Choe senanayakes@who.int

Institution:
Institute of Public Health Administration, Ministry of Public Health

Address:
Munhung-Dong, Taedonggang district, Pyongyang

Town: Country: Region:
Pyongyang DEM.P.REP. OF KOREA SEARO

Phone: Fax: Web site:
(850-2) 3817913 850-2-3817914

Date of designation: Last redesignation: Expiry:
31 Aug 1988 07 Jul 2014 07 Jul 2018

Terms of reference:
1. To participate, initiate and engage in collaborative research for PHC development under WHO leadership
2. To collect, collate, analyze and disseminate information of research result on PHC development and evaluate impact of application of research result
3. To organize in-country and inter-country training on effective function and performance of household doctors in PHC settings

Subjects:
1. Health promotion & education
2. Research policy & development
3. Human resources for health (excluding Nursing)

Types of activity:
1. Research
2. Training and education
3. Collection and collation of information

WHO Outputs:
Ower: 1.4 - Policy and technical support provided to Member States in order to enhance their capacity to carry out surveillance and monitoring of all communicable diseases of public health importance.
Ower: 2.6 - New knowledge, intervention tools and strategies developed and validated to meet priority needs for the prevention and control of HIV/AIDS, tuberculosis and malaria, with scientists from developing countries increasingly taking the lead in this research.
Ower: 3.1 - Advocacy and support provided to increase political, financial and technical commitment in Member States in order to tackle chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.

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Yellow Pages of WHO Collaborating Centres in South-East Asia Region
Title of the centre: 
WHO Collaborating Centre for Human Reproduction

Director / Head:
Prof ALKA KRIPLANI kriplanialka@gmail.com
sehgalrohini@gmail.com

Institution:
Department of Obstetrics and Gynaecology, All India Institute of Medical Sciences (AIIMS)

Address:
Ansari Nagar, 110029, Delhi

Town: New Delhi
Country: INDIA
Region: SEARO

Phone: (91-11) 2686 4851-61
Fax: (91-11) 2686 2663, 2658 8449
Web site: http://www.aiims.edu/

Date of designation: 01 Jul 1972
Last redesignation: 26 Mar 2012
Expiry: 26 Mar 2016

Terms of reference:
1. To collaborate with WHO, and coordinate as required, the promotion and conduct of research in sexual
   and reproductive health, including multicentre studies on therapeutic interventions, diagnostics, and
   fertility regulation methods.
2. To strengthen capacity in sexual and reproductive health research, within India and in the WHO South
   East Asian region, through formal training, continuing medical education programmes and other means,
   such as workshops and seminars.
3. To generate and collate evidence needed to be able to advocate for: expanding safe abortion services
   in India and the WHO South East Asian region; promotion of preconception care; and prevention of
   reproductive health-related outcomes among women tobacco use and among women and children of
   second-hand tobacco smoke.
4. To promote and support inter-institutional/inter-country collaboration and networking within the Special
   Programme on Research, Development and Research Training in Human Reproduction and within the
   network of collaborating centre for reproductive, maternal and newborn health.

Subjects:
1. Reproductive health (excluding HIV/AIDS)

Types of activity:
1. Research
2. Training and education
3. Development and application of appropriate technology

WHO Outputs:
Over 4.1 - Support provided to Member States to formulate a comprehensive policy, plan and strategy
for scaling up towards universal access to effective interventions in collaboration with other programmes,
paying attention to reducing gender inequality and health inequities, providing a continuum of care
throughout the life course, integrating service delivery across different levels of the health system and
strengthening coordination with civil society and the private sector.

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You can also contact: RAINA Neena +911143040361 rainan@who.int
**Ref.No. [Initiator]**  
IND-39 [Headquarters]

**Title of the centre:**  
WHO Collaborating Centre for Secondary Standard Radiation Dosimetry

**Director / Head:**  
Dr K. S. Pradeep Kumar  
pradeep@barc.gov.in  
kmukund@barc.gov.in

**Institution:**  
Radiation Standards Section, Health Safety and Environment Group, Bhabha Atomic Research Centre

**Address:**  
Radiation Standards Section(RSS)/Radiation Safety Systems Division(RSSD), Health, Safety and Environment Group, Bhabha Atomic Research Centre, Trombay, 400085, Maharashtra

<table>
<thead>
<tr>
<th>Town:</th>
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<tr>
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<tr>
<td>(91-22) 5593717 / 25593603</td>
<td>(91-22) 550 5313</td>
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**Date of designation:**  
01 Mar 1976

**Last redesignation:**  
22 Sep 2015

**Expiry:**  
22 Sep 2019

**Terms of reference:**

1. To Conduct postal dose quality audits for the radiotherapy hospitals in India, Myanmar, Sri Lanka and Nepal and provide a postal dosimetry intercomparison service for radiotherapy centres in cooperation with IAEA/WHO Global Programme;

2. To develop and maintain dosimetry standards and to provide calibration services to radiotherapy centres in the country for dosimeters used in Teletherapy and Brachytherapy.

3. To provide technical support on radiation protection and clinical dosimetry.

4. To develop and organize training programmes on radiation safety.

5. To develop and maintain quality assurance programme for radiation protection of occupationally exposed workers

**Subjects:**

1. Radiation

**Types of activity:**

1. Research

2. Training and education

3. Providing technical advise to WHO

**WHO Outputs:**

3.5.1 - Country capacity strengthened to assess health risks, develop and implement policies, strategies or regulations for the prevention, mitigation and management of the health impacts of environmental risks

Ower: 11.2 - International norms, standards and guidelines for the quality, safety, efficacy and cost effective use of medical products and technologies developed and their national and/or regional implementation advocated and supported.

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Ref.No. [Initiator]
IND-48 [SEARO]

Title of the centre:
WHO Collaborating Centre for Research and Training on Diarrhoeal Diseases

Director / Head:
Dr. Shanta Dutta
directorniced@icmr.org.in

Institution:
Indian Council of Medical Research (ICMR), National Institute of Cholera & Enteric Diseases (NICED)

Address:
P-33, C.I.T. Road, Scheme XM Beliaghata, 700010, West Bengal

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<td>(91-33) 2363 3373 / 2370 1176</td>
<td>(91-33) 2363 2398 / (91-33) 2370 5066</td>
<td><a href="http://www.niced.org.in">http://www.niced.org.in</a></td>
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Date of designation: 16 Mar 1981
Last redesignation: 05 Apr 2014
Expiry: 05 Apr 2018

Terms of reference:
1. To conduct in-depth biomedical & operational research in diarrhoeal diseases of diverse aetiologies including typhoid fever, and Helicobacter pylori infections.
2. To develop training methodologies, teaching modules and conduct workshops for better management, prevention, control and laboratory diagnosis using classical and molecular techniques for enteric diseases.
3. To conduct epidemiological investigations of diarrhoeal diseases in different parts of the country & abroad including outbreak investigations and provide advice and recommendations for prevention and control.
4. To serve as WHO Vibrio phage reference centre providing service for phage typing, serotyping and biotyping of Vibrio cholerae. NICED will extend assistance to various agencies identify, characterize and perform molecular typing of other strains of bacterial, viral and parasitic enteric pathogens.

Subjects:
1. Diarrhoeal diseases and cholera

Types of activity:
1. Collection and collation of information
2. Research
3. Training and education

WHO Outputs:
3.1.2 - Countries’ capacity strengthened to expand high-quality interventions to improve child health and early child development and end preventable child deaths, including from pneumonia and diarrhoea
5.2.2 - Expert guidance and systems support in place for disease control, prevention, treatment, surveillance, risk assessment and risk communications

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Ref.No. [Initiator]
IND-52 [SEARO]

Title of the centre:
WHO Collaborating Centre for Occupational Health

Director / Head:
Dr Sunil Kumar nioh@nioh.org
sunilnioh@yahoo.com

Institution:
National Institute of Occupational Health, Indian Council of Medical Research (ICMR)

Address:
Meghani Nagar, 380016, Gujarat

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Ahmedabad INDIA SEARO

Phone: Fax: Web site:
(91-79) 2268 6351 / 2268 6352 / 2268 6359
(91-79) 2268 6110
http://www.nioh.org

Date of designation: Last redesignation: Expiry:
09 Sep 1981 07 Jan 2014 07 Jan 2018

Terms of reference:
1. To promote the inclusion of essential interventions for worker's health through primary healthcare (Contributes to Global Master Plan Priority 4)
2. To generate evidence for implementation and evaluation of national and regional plans of action on worker’s health on non-communicable disease (Contributes to Global Master Plan Priority 1)
3. To contribute to the development of tools for the preparation of national profiles for workers health (Contribute to priority4 of Global Master Plan )
4. To collaborate with poison centres in the South-East Asian region to strengthen the operation of poison centres and prevent morbidity and mortality from human exposures to chemicals of high concern.
5. To organize and host a regional workshop for the prevention and management of lead poisoning

Subjects:
1. Occupational health

Types of activity:
1. Information dissemination
2. Research
3. Training and education

WHO Outputs:
Owner: 8.3 - Technical assistance and support provided to Member States for strengthening national occupational and environmental health risk management systems, functions and services.

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Ref.No. [Initiator]
IND-53 [Headquarters]

Title of the centre:
WHO Collaborating Centre for Research and Training in Lymphatic Filariasis and Integrated Vector Management

Director / Head:
Dr P. JAMBULINGAM
vcrc@vsnl.com
pcsaja@gmail.com

Institution:
Vector Control Research Centre (VCRC), Indian Council of Medical Research (ICMR)

Address:
Indira Nagar, 605006, Pondicherry

Town: Country: Region:
Pondicherry INDIA SEARO

Phone: Fax: Web site:
(91-413) 2272422/2272396/2272397 (91-413) 2272 041 http://www.vcrc.res.in

Date of designation: Last redesignation: Expiry:

Terms of reference:
1. To develop tools and protocols for assessment of LF elimination programme, including research on epidemiology, xenomonitoring and sampling strategies
2. To develop newer products related to LF management, including clinical or field trials of new interventions, diagnostics and antifilarials specifically IDA (triple therapy)
3. To conduct social, behavioural and ecological studies including cost-effectiveness analyses of LF elimination
4. To conduct relevant training courses on LF elimination and Regional/National training courses on Integrated Vector Management
5. To conduct research on vector ecology and Integrated Vector Management and to develop strategies for management of insecticide resistance
6. To support WHO in laboratory and field testing and evaluation of insecticides, insecticide treated materials and other related areas

Subjects:
1. Filarial infections
2. Vector biology & control

Types of activity:
1. Research
2. Product development (guidelines; manual; methodologies; etc.)
3. Providing technical advise to WHO

WHO Outputs:
Ower: 3.1 - Advocacy and support provided to increase political, financial and technical commitment in Member States in order to tackle chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 7.1 - Significance of social and economic determinants of health recognized throughout the organization and incorporated into normative work and technical collaboration with Member States and others partners.

Responsible officer: Phone: Email:
VELAYUDHAN Raman +41 22 791 1868 VelayudhanR@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
JAMSHEED Mohamed +911123309194 jamsheedm@who.int
Ref.No. [Initiator]  
IND-55 [SEARO]

Title of the centre:  
WHO Collaborating Centre for Tuberculosis Research and Training

Director / Head:  
Dr Prahlad Kumar  
ntiindia@blr.vsnl.net.in  
nti@ntiindia.org.in

Institution:  
National Tuberculosis Institute (NTI)

Address:  
No. 8, Avalon Bellary Road, 560003, Karnataka

Town:  
Bangalore  
Country:  
INDIA  
Region:  
SEARO

Phone:  
91 080 23362431  
Fax:  
91 080 23440952  
Web site:  
http://ntiindia.kar.nic.in/

Date of designation:  
25 Jul 1985  
Last redesignation:  
05 Jun 2013  
Expiry:  
05 Jun 2017

Terms of reference:
1. To assist WHO for capacity building on Tuberculosis care and control in the SEA Region
2. To participate in collaborative research on TB epidemiology, care and control strategies relevant to country context of the SEA Region under WHO leadership
3. On request of WHO, to provide technical support on Tuberculosis to institutions in Member countries in SEA Region

Subjects:
1. Tuberculosis
2. Research policy & development

Types of activity:
1. Product development (guidelines; manual; methodologies; etc.)
2. Research
3. Training and education

WHO Outputs:
Ower: 2.2 - Policy and technical support provided to countries towards expanded gender-sensitive delivery of prevention, treatment and care interventions for HIV/AIDS, tuberculosis and malaria, including integrated training and service delivery; wider service-provider networks; and strengthened laboratory capacities and better linkages with other health services, such as those for sexual and reproductive health, maternal, newborn and child health, sexually transmitted infections, nutrition, drug-dependence treatment service respiratory care, neglected diseases and environmental health.

Ower: 2.4 - Global, regional and national systems for surveillance, evaluation and monitoring strengthened and expanded to keep track of progress towards targets and allocation of resources for HIV/AIDS, tuberculosis and malaria control and to determine the impact of control efforts and the evolution of drug resistance.

Ower: 2.6 - New knowledge, intervention tools and strategies developed and validated to meet priority needs for the prevention and control of HIV/AIDS, tuberculosis and malaria, with scientists from developing countries increasingly taking the lead in this research.

Responsible officer:  
HYDER Md Khurshid Alam  
+911123309138  
hyderk@who.int

You can also contact:  
Email:  
GRZEMSKA Malgorzata  
13989/14428  
grzemska@who.int
**Title of the centre:**

**WHO Collaborating Centre for Tuberculosis Research and Training**

**Director / Head:**
Dr Soumya Swaminathan  
soumyas@trcchennai.in

**Institution:**
National Institute for Research in Tuberculosis

**Address:**
Mayor V.R. Ramanathan Road (Old Spur Tank Road), 600031, Tamil Nadu

**Town:**  
Chennai

**Country:**  
INDIA

**Region:**  
SEARO

**Phone:**  
(91-44) 28369600

**Fax:**  
(91-44) 2836 2528

**Web site:**  
http://www.trc-chennai.org

**Date of designation:**  
16 Sep 1985

**Last redesignation:**  
05 Jun 2013

**Expiry:**  
05 Jun 2017

**Terms of reference:**

1. To promote innovative approaches for better implementation of TB control strategies through operational research and the development and evaluation of new tools - drugs, diagnostics and vaccines
2. To support assessments of the impact of TB control interventions and better determine trends in TB incidence, prevalence and mortality (including MDR-TB and TB/HIV)
3. To support WHO’s efforts in human resource development and capacity building through skills development to scale up TB control interventions in line with the Stop TB Strategy

**Subjects:**

1. Tuberculosis
2. Research policy & development

**Types of activity:**

1. Research
2. Product development (guidelines; manual; methodologies; etc.)
3. Training and education

**WHO Outputs:**

Ower: 2.2 - Policy and technical support provided to countries towards expanded gender-sensitive delivery of prevention, treatment and care interventions for HIV/AIDS, tuberculosis and malaria, including integrated training and service delivery; wider service-provider networks; and strengthened laboratory capacities and better linkages with other health services, such as those for sexual and reproductive health, maternal, newborn and child health, sexually transmitted infections, nutrition, drug-dependence treatment service respiratory care, neglected diseases and environmental health.

Ower: 2.4 - Global, regional and national systems for surveillance, evaluation and monitoring strengthened and expanded to keep track of progress towards targets and allocation of resources for HIV/AIDS, tuberculosis and malaria control and to determine the impact of control efforts and the evolution of drug resistance.

Ower: 2.6 - New knowledge, intervention tools and strategies developed and validated to meet priority needs for the prevention and control of HIV/AIDS, tuberculosis and malaria, with scientists from developing countries increasingly taking the lead in this research.

**Responsible officer:**

HYDER Md Khurshid Alam  
+911123309138  
hyderk@who.int

**You can also contact:**

**Technical counterpart:**

GRZEMSKA Malgorzata  
13989/14428  
grzemskam@who.int
Ref.No. [Initiator]
IND-59 [SEARO]

Title of the centre:
WHO Collaborating Centre for Cancer Prevention, Screening and Early Detection

Director / Head:
Professor Surendra Shastri         surendrashastri@gmail.com

Institution:
Tata Memorial Centre, Tata Memorial Hospital

Address:
Dr Ernest Borges Marg, Parel, 400012, Maharashtra

Town:     Country:     Region:
Mumbai     INDIA     SEARO

Phone: (91-22) 2415 4379     Fax: (91-22) 2401 1656     Web site: http://tmc.gov.in

Date of designation: 14 Dec 1985
Last redesignation: 21 Mar 2015
Expiry: 21 Mar 2019

Terms of reference:
1. To support WHO in building research capacity and generating evidence on cost-effective models for prevention and control of cervical, breast and oral cancers in SEAR Member States.
2. To support WHO-SEAR Member States in integrating cancer prevention and screening programmes at the primary care level.
3. To assist WHO in conducting training programmes for health care providers, to introduce and upscale evidenced strategies and programmes for cancer control in low resource settings.

Subjects:
1. Cancer

Types of activity:
1. Information dissemination
2. Product development (guidelines; manual; methodologies; etc.)

WHO Outputs:
2.1.1 - Development of national multisectoral policies and plans for implementing interventions to prevent and control noncommunicable diseases facilitated
2.1.3 - Monitoring framework implemented to report on progress in realizing the commitments made in the Political Declaration of the High-Level Meeting of the General Assembly on the Prevention and Control of Non-communicable Diseases and the global action plan for the prevention and control of noncommunicable diseases (2013-2020)

Responsible officer:
GARG Renu Madanlal +911123370804 gargr@who.int

You can also contact:

Technical counterpart:
ULLRICH Andreas W.H. +41 22 791 1292 ullricha@who.int
**Title of the centre:**
WHO Collaborating Centre for Rabies Epidemiology

**Director / Head:**
Dr Veena Mittal  
veena_m12@yahoo.com  
dirnccd@gmail.com

**Institution:**
Division of Zoonoses, National Centre for Disease Control (NCDC)

**Address:**
22 Sham Nath Marg  P.O. Box 1492, 110054, Delhi

**Town:** New Delhi  
**Country:** INDIA  
**Region:** SEARO

**Phone:** (+ 0091) 11 239 13148  
**Fax:** (+ 0091) 11 239 22677  
**Web site:** http://www.ncdc.gov.in/

**Date of designation:** 08 Jan 1988  
**Last redesignation:** 05 Sep 2015  
**Expiry:** 05 Sep 2019

**Terms of reference:**
1. To develop training module and organize training for rabies control in coordination with WHO.
2. To conduct operational research on rabies control strategies.
3. To develop Guidelines and Standards for human rabies prophylaxis and laboratory diagnosis in collaboration with WHO.

**Subjects:**
1. Rabies  
2. Vaccines  
3. Zoonoses

**Types of activity:**
1. Research  
2. Training and education  
3. Collection and collation of information

**WHO Outputs:**
Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.

**Responsible officer:** GONGAL Gyanendra  
**Phone:** +911123370804  
**Email:** gongalg@who.int

**You can also contact:**
**Email:**

**Technical counterpart:** ABELA-RIDDER Bernadette  
**Phone:** +41 22 791 2072  
**Email:** abelab@who.int
Title of the centre: WHO Collaborating Centre for Research and Training in Safety Technology

Director / Head:
Prof. Geetam TIWARI geetamt@gmail.com

Institution:
Transportation Research & Injury Prevention Programme (TRIP), Centre for Biomedical Engineering
Indian Institute of Technology

Address:
Room MS 808, Main Building, 110016, New Delhi

Town: Hauz Khas  Country: INDIA  Region: SEARO

Phone: (91-11) 2659 6361/1047  Fax: (91-11) 2685 8703  Web site: http://tripp.iitd.ernet.in


Terms of reference:
1. To collaborate in researches for transport safety
2. To develop guiding principles for motorcycle helmet for children and adults
3. To collaborate in studying the epidemiology of transport related injuries
4. To collaborate in organizing interdisciplinary training courses on road traffic injury prevention
5. To develop guiding principles on safety check-list for road construction

Subjects:
1. Injuries; violence & accident prevention

Types of activity:
1. Research
2. Training and education
3. Providing technical advise to WHO

WHO Outputs:
Ower: 3.6 - Guidance and support provided to Member States to improve the ability of their health and social systems to prevent and manage chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 3.5 - Guidance and support provided to Member States for the preparation and implementation of multisectoral, population-wide programmes to promote mental health and to prevent mental and behavioural disorders, violence and injuries, together with hearing and visual impairment, including blindness.

Responsible officer: NAYAR Patanjali Dev +911143040418 nayarp@who.int

You can also contact: KRUG Etienne G.G. 13535/12881 kruge@who.int
**Ref.No. [Initiator]**
IND-71 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Training in Clinical and Laboratory Genetics in Developing Countries

**Director / Head:**
Dr Madhulika KABRA  madhulikakabra@hotmail.com

**Institution:**
Genetics Unit, Department of Paediatrics, All India Institute of Medical Sciences (AIIMS)

**Address:**
Ansari Nagar, 110029, New Delhi

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<td>(91-11) 2659 4585</td>
<td>(91-11) 2658 8663</td>
<td><a href="http://www.aiims.ac.in">http://www.aiims.ac.in</a></td>
</tr>
</tbody>
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**Date of designation:**
24 Nov 1992

**Last redesignation:**
09 May 2015

**Expiry:**
09 May 2019

**Terms of reference:**
1. To support SEARO-Birth defects database and maintain quality of data.
2. To support establishment of national birth defects database and development of Training modules for birth defect surveillance for SEAR
3. To expand genetic services and build/strengthen laboratory capacity for diagnosis of selected genetic disorders
4. To develop protocols for Comprehensive newborn screening (Inclusive of Birth defects & functional defects)
5. To develop standard protocols for prevention, management and counselling for selected birth defects and genetic and metabolic disorders

**Subjects:**
1. Genetics & hereditary diseases
2. Health promotion & education
3. Child & maternal health

**Types of activity:**
1. Information dissemination
2. Product development (guidelines; manual; methodologies; etc.)
3. Research

**WHO Outputs:**
3.1.2 - Countries’ capacity strengthened to expand high-quality interventions to improve child health and early child development and end preventable child deaths, including from pneumonia and diarrhoea

**Responsible officer:**
RAINATH Neena  +911143040361  rainan@who.int

**You can also contact:**

**Technical counterpart:**
BOUESSEAU Marie-Charlotte  +41 22 791 1432  bouesseaum@who.int
<table>
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<tr>
<th>Ref.No. [Initiator]</th>
<th>IND-76 [SEARO]</th>
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<tbody>
<tr>
<td>Title of the centre:</td>
<td>WHO Collaborating Centre for Mental Health Research and Training</td>
</tr>
<tr>
<td>Director / Head:</td>
<td>Dr R. Thara <a href="mailto:thara@scarfindia.org">thara@scarfindia.org</a></td>
</tr>
<tr>
<td>Institution:</td>
<td>Schizophrenia Research Foundation (SCARF)</td>
</tr>
<tr>
<td>Address:</td>
<td>R/7A, North Main Road, West Anna Nagar Extension, 600101, Tamil Nadu</td>
</tr>
<tr>
<td>Town:</td>
<td>Chennai</td>
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<td>Country:</td>
<td>INDIA</td>
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<td>Region:</td>
<td>SEARO</td>
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<tr>
<td>Phone:</td>
<td>(91-44) 2615 3971 / 2615 1073</td>
</tr>
<tr>
<td>Fax:</td>
<td>(91-44) 4353 8110</td>
</tr>
<tr>
<td>Web site:</td>
<td><a href="http://www.scarfindia.org/">http://www.scarfindia.org/</a></td>
</tr>
<tr>
<td>Date of designation:</td>
<td>26 Nov 1996</td>
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<tr>
<td>Last redesignation:</td>
<td>10 Mar 2013</td>
</tr>
<tr>
<td>Expiry:</td>
<td>10 Mar 2017</td>
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<tr>
<td>Terms of reference:</td>
<td>1. To collaborate with WHO in capacity building for strengthening the primary health-care system in Member States to deliver care for mental and neurological disorders</td>
</tr>
<tr>
<td></td>
<td>2. To assist WHO develop training materials and institutional capacity for research in mental health in WHO SEA Region.</td>
</tr>
<tr>
<td>Subjects:</td>
<td>1. Mental health &amp; neurosciences</td>
</tr>
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<td>Types of activity:</td>
<td>1. Training and education</td>
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<td>2. Research</td>
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<td></td>
<td>3. Others</td>
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<td>WHO Outputs:</td>
<td>Ower: 4.1 - Support provided to Member States to formulate a comprehensive policy, plan and strategy for scaling up towards universal access to effective interventions in collaboration with other programmes, paying attention to reducing gender inequality and health inequities, providing a continuum of care throughout the life course, integrating service delivery across different levels of the health system and strengthening coordination with civil society and the private sector.</td>
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<td></td>
<td>Ower: 2.1 - Guidelines, policy, strategy and other tools developed for prevention of, and treatment and care for patients with, HIV/AIDS, tuberculosis and malaria, including innovative approaches for increasing coverage of the interventions among poor people, and hard-to-reach and vulnerable populations.</td>
</tr>
<tr>
<td>Responsible officer:</td>
<td>ANWAR Nazneen +911123370804 <a href="mailto:anwarna@who.int">anwarna@who.int</a></td>
</tr>
<tr>
<td>You can also contact:</td>
<td>Email:</td>
</tr>
<tr>
<td>Technical counterpart:</td>
<td>SAXENA Shekhar 13625/14388 <a href="mailto:saxenas@who.int">saxenas@who.int</a></td>
</tr>
</tbody>
</table>
**Ref.No. [Initiator]**  
IND-77 [SEARO]

**Title of the centre:**  
WHO Collaborating Centre for Epidemiology and Training

**Director / Head:**
- Dr LS Chauhan  
  dirnicd@bol.net.in
- Dr Anil Kumar  
  epiddiv@gmail.com

**Institution:**
Epidemiology Division, National Institute of Communicable Diseases (NICD)

**Address:**
22, Sham Nath Marg, 110054, Delhi

<table>
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<tr>
<th>Town</th>
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<tr>
<td>Delhi</td>
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<th>Phone</th>
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<tr>
<td>(91-11) 2391 2962</td>
<td>(91-11) 2392 8700</td>
<td><a href="http://www.nicd.nic.in">http://www.nicd.nic.in</a></td>
</tr>
</tbody>
</table>

**Date of designation:** 04 Dec 1996  
**Last redesignation:** 21 Dec 2013  
**Expiry:** 21 Dec 2017

**Terms of reference:**
1. To act as a technical resource centre for communicable diseases surveillance & control & provide technical support to the countries in collaboration with WHO and International Partners.
2. To develop training materials & conduct field oriented training programmes in coordination with WHO.
3. To conduct operational research on the application of new epidemiological tools & on the development of cost effective disease surveillance & control strategies.
4. To provide technical guidance & support to countries to effective respond to new emerging & reemerging infectious diseases in close collaboration with GOARN/ WHO.

**Subjects:**
1. Communicable diseases other than those specifically mentioned
2. Health information; statistics; measurement & trend assessment
3. Research policy & development

**Types of activity:**
1. Training and education
2. Research
3. Providing technical advise to WHO

**WHO Outputs:**
Ower: 1.4 - Policy and technical support provided to Member States in order to enhance their capacity to carry out surveillance and monitoring of all communicable diseases of public health importance.
Ower: 1.6 - Support provided to Member States in order to achieve the minimum core capacities required by the International Health Regulations (2005) for the establishment and strengthening of alert and response systems for use in epidemics and other public health emergencies of international concern.
Ower: 1.7 - Member States and the international community equipped to detect, assess, respond to and cope with major epidemic and pandemic-prone diseases (e.g. influenza, meningitis, yellow fever, haemorrhagic fevers, plague and smallpox) through the development and implementation of tools, methodologies, practices, networks and partnerships for prevention, detection, preparedness and intervention.

**Responsible officer:**  
GONGAL Gyanendra  
Phone: +911123370804  
Email: gongalg@who.int

**You can also contact:**  
FORMENTY Pierre B.H.  
Phone: +41 22 791 2550  
Email: formentyp@who.int
Ref.No. [Initiator]
IND-79 [SEARO]

Title of the centre:
WHO Collaborating Centre for Training and Research in Newborn Care

Director / Head:
Dr Vinod K. PAUL vinodkpaul@gmail.com
Dr Ashok Deorari ashokdeorari_56@hotmail.com

Institution:
Division of Neonatology, Department of Paediatrics, All India Institute of Medical Sciences (AIIMS)

Address:
Ansari Nagar, 110029, Delhi

Town: Country: Region:
New Delhi INDIA SEARO

Phone: Fax: Web site:
(91-11) 2658 9633 (91-11) 2658 8641 http://www.newbornwhocc.org/

Date of designation: Last redesignation: Expiry:
19 Mar 1997 16 Feb 2015 16 Feb 2019

Terms of reference:
1. To serve as a resource and catalyst for quality improvement initiatives to improve newborn healthcare in facilities in member countries of the South East Asia Region (SEAR)
2. To support strengthening of the capacity for newborn nursing in the Region
3. To develop e-Learning courses for health care providers involved in the care of sick newborns in the Region
4. To provide in-service training on newborn care for WHO fellows from countries of the Region
5. To provide technical support to WHO SEARO and other WHO-CC in the ongoing ‘Birth Defects Surveillance’ program and ‘SEAR NBBD’ database
6. To develop a framework for facility based follow up of high risk neonates with focus on providing a holistic post discharge care at health facilities in member countries of South East Asia Region (SEAR)

Subjects:
1. Child & maternal health
2. Nursing

Types of activity:
1. Training and education
2. Research
3. Information dissemination

WHO Outputs:
3.1.2 - Countries’ capacity strengthened to expand high-quality interventions to improve child health and early child development and end preventable child deaths, including from pneumonia and diarrhoea

Responsible officer: Phone: Email:
RAINNA Neena +911143040361 rainan@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
BAHL Rajiv +41 22 79 13766 bahlr@who.int
**Title of the centre:**

WHO Collaborating Centre for District Health System based on Primary Health Care

**Director / Head:**

Dr S.D. GUPTA  
Anita Gupta  
iihmr@iihmr.org  
anita@iihmr.org

**Institution:**

Indian Institute of Health Management and Research

**Address:**

1, Prabhu Dayal Marg, Sanganer Airport, 302029, Rajasthan

**Town:**

Jaipur

**Country:**

INDIA

**Region:**

SEARO

**Phone:**

(91-141) 279 141-34

**Fax:**

(51-141) 279 2138

**Web site:**

http://www.iihmr.org

**Date of designation:**

11 Mar 1998

**Last redesignation:**

14 Jan 2013

**Expiry:**

14 Jan 2017

**Terms of reference:**

1. To serve as a resource centre in the area of: a) organization & management of health systems based on primary health care with particular emphasis on district health system in urban & rural districts; & b) quality assurance in health care.

2. To organize in-country & intercountry training courses on the organization & management of district health systems & quality assurance in health care.

3. To collaborate with WHO in the monitoring & evaluation of the progress in the implementation of district health system approach & quality assurance.

4. To provide expertise for the implementation, evaluation & research related to intercountry collaborative projects in the areas of organization of health systems based on primary health care & quality assurance in health care.

**Subjects:**

1. Health systems research & development

**Types of activity:**

1. Evaluation

2. Training and education

**WHO Outputs:**

Ower: 10.1 - Management and organization of integrated, population-based health-service delivery through public and nonpublic providers and networks improved, reflecting the primary health care strategy, scaling up coverage, equity, quality and safety of personal and population-based health services, and enhancing health outcomes.

Ower: 10.4 - Country health-information systems that provide and use high-quality and timely information for health planning and for monitoring progress towards national and major international goals strengthened.

**Responsible officer:**

SENANAYAKE Gunasena Sunil  
+911143040363  
senanayakes@who.int

**Technical counterpart:**

SCHMITT Roger  
+41 22 79 12569  
schmittr@who.int
Ref.No. [Initiator]  
IND-83 [SEARO]  

Title of the centre:  
WHO Collaborating Centre for Prevention of Blindness  

Director / Head:  
Dr Gullapalli N. Rao  
gnrao@lvpei.org  
Dr Rohit Khanna  
rohit@lvpei.org  

Institution:  
L.V. Prasad Eye Institute  

Address:  
Kallam Anji Reddy Campus, L.V. Prasad Marg, Banjara Hills, 500034, Andhra Pradesh  

Town: Country: Region:  
Hyderabad: INDIA: SEARO  

Phone: Fax: Web site:  
+91 40 30612609  
+91 40 23548271  
http://www.lvpei.org  

Date of designation: Last redesignation: Expiry:  
31 Dec 2001 07 Jul 2014 07 Jul 2018  

Terms of reference:  
1. To work with WHO for training of eye care providers (ophthalmologists, allied health personnel, technical/managerial/administrative personnel & community eye health personnel) for strengthening eye care programmes.  
2. To collaborate with WHO in public health research to understand eye problems and strengthen eye care delivery systems  
3. To collaborate in developing appropriate models of eye care delivery that will fulfill the goal of VISION 2020 programme in the most underserved areas of the world & evaluate eye care model & delivery system in the region.  
4. To collaborate with WHO for advocacy for blindness prevention programs at Local, State, National and International forums and to strengthen planning and policy for Eye Care.  

Subjects:  
1. Prevention of blindness  

Types of activity:  
1. Research  
2. Training and education  
3. Product development (guidelines; manual; methodologies; etc.)  

WHO Outputs:  
2.4.2 - Countries are able to strengthen the provision of services to reduce disability due to visual impairment and hearing loss through more effective policies and integrated services  
Ower: 3.5 - Guidance and support provided to Member States for the preparation and implementation of multisectoral, population-wide programmes to promote mental health and to prevent mental and behavioural disorders, violence and injuries, together with hearing and visual impairment, including blindness  
Ower: 3.1 - Advocacy and support provided to increase political, financial and technical commitment in Member States in order to tackle chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.  

Responsible officer: Phone: Email:  
NAYAR Patanjali Dev +911143040418 nayarp@who.int  

You can also contact: Email:  

Technical counterpart: Phone: Email:  
KOCUR Ivo +41 22 791 1435 kocuri@who.int
**Ref.No. [Initiator]**
IND-85 [Headquarters]

**Title of the centre:**
WHO Collaborating Centre for Research, Education and Training in Diabetes

**Director / Head:**
Dr. Vijay Viswanathan
drvijay@mvdiabetes.com
vijayviswanathan92@gmail.com

**Institution:**
Prof. M. Viswanathan Diabetes Research Centre, Diabetes Research Centre and M.V. Hospital for Diabetes

**Address:**
No. 4, Main Road, Royapuram, 600013, Tamilnadu

<table>
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<th>Town:</th>
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<th>Phone:</th>
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<tr>
<td>(91-44) 2595 4913 / 14 / 15</td>
<td>(91 - 44) 2595 4919.</td>
<td><a href="http://www.mvdiabetes.com">http://www.mvdiabetes.com</a></td>
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<td>01 Aug 2002</td>
<td>12 Nov 2014</td>
<td>12 Nov 2018</td>
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**Terms of reference:**
1. To conduct epidemiological research on prevention and identification of predictors of diabetes and its complications and its associated co-morbid conditions of public health importance
2. To strengthen education and training in diabetes research, prevention and management
3. To develop methods for reducing diabetes risk factors at the community level

**Subjects:**
1. Diabetes

**Types of activity:**
1. Development and application of appropriate technology
2. Training and education
3. Research

**WHO Outputs:**
2.1.1 - Development of national multisectoral policies and plans for implementing interventions to prevent and control noncommunicable diseases facilitated
Ower: 6.5 - Evidence-based and ethical policies, strategies, recommendations, standards and guidelines developed and technical support provided to Member States with a high or increasing burden of disease or death associated with unhealthy diets and physical inactivity, enabling them to strengthen institutions in order to combat or prevent the public health problems concerned.

Ower: 6.1 - Advice and support provided to Member States to build their capacity for health promotion across all relevant programmes, and to establish effective multisectoral and multidisciplinary collaborations for promoting health and preventing or reducing major risk factors.

**Responsible officer:**
ROGLIC Gojka
+41 22 791 4306
roglicg@who.int

**You can also contact:**

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<tr>
<th>Technical counterpart:</th>
<th>Phone:</th>
<th>Email:</th>
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<tbody>
<tr>
<td>GARG Renu Madanalal</td>
<td>+911123370804</td>
<td><a href="mailto:gargr@who.int">gargr@who.int</a></td>
</tr>
</tbody>
</table>
Ref.No. [Initiator]
IND-88 [SEARO]

Title of the centre:
WHO Collaborating Centre for Injury Prevention and Safety Promotion

Director / Head:
Professor Gururaj Gopalakrishna  gur@nimhans.kar.nic.in
epiguru@yahoo.com

Institution:
Department of Epidemiology, National Institute of Mental Health and Neurosciences (NIMHANS)

Address:
Hosur Road, 560 029, Karnataka

Town:       Country:       Region:
Bangalore   INDIA          SEARO

Phone:      Fax:          Web site:
(91-80) 2699 5244 / 5245   (91-80) 2699 5245 / 2121  http://www.nimhans.kar.nic.in/epidemiology/

Date of designation: Last redesignation: Expiry:
15 Dec 2003   12 Jan 2016   12 Jan 2019

Terms of reference:
1. To conduct research on epidemiology, risk factors and preventive strategies for Road Traffic Injuries towards reduction and control
2. To conduct and collaborate for research and policy - Programme strengthening for Neuro trauma surveillance & prevention
3. To strengthen capacity of professionals and policy makers in health and related sectors for strengthening road safety and injury prevention programmes
4. To strengthen care for victims of injuries & violence.

Subjects:
1. Injuries; violence & accident prevention

Types of activity:
1. Research
2. Training and education
3. Collection and collation of information

WHO Outputs:
Ower: 3.1 - Advocacy and support provided to increase political, financial and technical commitment in Member States in order to tackle chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 3.2 - Guidance and support provided to Member States for the development and implementation of policies, strategies and regulations in respect of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Responsible officer: Phone: Email:
NAYAR Patanjali Dev  +911143040418  nayarp@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
KRUG Etienne G.G.  13535/12881  kruge@who.int
Ref. No. [Initiator]
IND-90 [SEARO]

Title of the centre:
WHO Collaborating Centre for Reference and Research in Rabies

Director / Head:
Prof. V Ravi virusravi@gmail.com
Dr Reeta S Mani drreeta@gmail.com

Institution:
Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)

Address:
P.O. Box No.2900  Hosur Road, 560029, KARNATAKA

Town: Bangalore  Country: INDIA  Region: SEARO

Phone: (91-80) 2699 5129-8  Fax: (91-80) 26564830

Web site: http://www.nimhans.kar.nic.in/


Terms of reference:

1. To assist Member States to establish quality rabies diagnostic services and post-exposure treatment on request of WHO.
2. To assess the safety and feasibility of current and new regimens for post-exposure rabies treatment and to conduct clinical trials for new vaccines and immunoglobulins following WHO procedures and rules, with WHO support.
3. To support rabies surveillance including molecular epidemiology of rabies viruses.
4. To collaborate with WHO and other international organizations on research and training for rabies diagnosis and post-exposure rabies treatment.

Subjects:

1. Rabies

Types of activity:

1. Evaluation
2. Development and application of appropriate technology
3. Training and education

WHO Outputs:

Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.

Ower: 1.5 - New knowledge, intervention tools and strategies that meet priority needs for the prevention and control of communicable diseases developed and validated, with scientists from developing countries increasingly taking the lead in this research.

Responsible officer:
GONGAL Gyanendra +911123370804 gongal@who.int

Technical counterpart:
ABELA-RIDDER Bernadette +41 22 791 2072 abelab@who.int
Ref.No. [Initiator]
IND-91 [SEARO]

Title of the centre:
WHO Collaborating Centre for Diagnosis, Reference, Research and Training in Leptospirosis

Director / Head:
Dr. P. Vijayachari vijayacharipaluru@gmail.com pvblicmr@sancharnet.in

Institution:
Regional Medical Research Centre, Indian Council of Medical Research (ICMR)

Address:
Post Bag No. 13 Dollygunj, 744 101, Andaman and Nicobar Islands

Town: Port Blair Country: INDIA Region: SEARO
Phone: (91-3192) 251 158 / 251 043 / 251 164 Fax: (91-3192) 251 163
Web site: http://www.rmrc.res.in/

Date of designation: 01 Jul 2004 Last redesignation: 23 Mar 2016 Expiry: 23 Mar 2020

Terms of reference:
1. To develop strategies and technologies for the control of leptospirosis
2. To develop appropriate strategies for improved detection of cases at various levels of health systems including prediction of clinical outcome of cases through studies on genomic diversity
3. To provide referral services, technical expertise for capacity development to Member States in collaboration with WHO

Subjects:
1. Zoonoses

Types of activity:
1. Research
2. Evaluation
3. Development and application of appropriate technology

WHO Outputs:
Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.
Ower: 1.4 - Policy and technical support provided to Member States in order to enhance their capacity to carry out surveillance and monitoring of all communicable diseases of public health importance.
Ower: 1.5 - New knowledge, intervention tools and strategies that meet priority needs for the prevention and control of communicable diseases developed and validated, with scientists from developing countries increasingly taking the lead in this research.

Responsible officer: GONGAL Gyanendra Phone: +911123370804 Email: gongalg@who.int

You can also contact: Email:

Technical counterpart: BERTHERAT Eric Gerard Georges Phone: +41 22 791 4608 Email: bertherate@who.int
Ref.No. [Initiator]
IND-92 [SEARO]

Title of the centre:
WHO Collaborating Centre for HIV Diagnosis and Monitoring of Antiretroviral

Director / Head:
Dr Raman Gangakhedkar rgangakhedkar@nariindia.org

Institution:
National AIDS Research Institute (NARI), Indian Council of Medical Research (ICMR)

Address:
G-73, M.I.D.C Bhosari, 411026, MAHARASHTRA

Town: Country: Region:
Pune INDIA SEARO

Phone: Fax: Web site:
(9120) 27331200 (9120) 27121071 http://www.nari-icmr.res.in

Date of designation: Last redesignation: Expiry:
30 Jan 2007 12 Nov 2014 12 Nov 2018

Terms of reference:
1. On request of WHO to impart training to national trainers on laboratory techniques in HIV diagnosis and antiretroviral therapy.
2. To assist WHO in making available referral services to laboratories for quality HIV diagnosis and monitoring of antiretroviral therapy
3. To contribute to WHO's work in strengthening quality of laboratory work in HIV/AIDS
4. To work with WHO in providing technical guidance on surveillance of drug resistance in HIV and collating and disseminating data on emerging resistance
5. To contribute to WHO's work in improving diagnostic technologies for HIV/AIDS

Subjects:
1. HIV/AIDS

Types of activity:
1. Training and education
2. Research
3. Provision of reference substances and other services

WHO Outputs:
1.1.1 - Implementation and monitoring of the global health sector strategy on HIV/AIDS 2011-2015 through policy dialogue and technical support at global, regional and national level

Responsible officer:
SHAH Aparna Singh +911123370804 shahap@who.int

You can also contact:

Technical counterpart:
VERCAUTEREN Gaby Henriette +41 22 79 14728 vercautereng@who.int
Ref.No. [Initiator]  
IND-93 [SEARO]  

Title of the centre:  
WHO Collaborating Centre for Research and Training in Occupational and Environmental Health  

Director / Head:  
Dr. Kalpana Balakrishnan  
kalpanasrmc@ehe.org.in  
ehecellsrmc@vsnl.net  

Institution:  
Department of Environmental Health Engineering, Sri Ramachandra Medical College and Research Institute  

Address:  
1, Sri Ramachandra Nagar, Porur, 600116, Tamil Nadu  

Town:  
Chennai  
Country:  
INDIA  
Region:  
SEARO  

Phone:  
(+91 44) 4592 8547  
Fax:  
(+91 44) 2476 7008  
Web site:  
http://www.sriramachandra.edu.in/  

Date of designation:  
04 Jun 2007  
Last redesignation:  
23 Jun 2015  
Expiry:  
23 Jun 2019  

Terms of reference:  
1. To contribute to the development of human resources for addressing workers health within a integrated framework of occupational and environmental health  
2. To assist WHO’s efforts in increasing access and improving quality of delivery for occupational health services  
3. To develop research evidence for action for integration of environmental concerns in relation to workers health  
4. To assist WHO efforts in implementation of the WHO air quality guidelines for workers health and beyond  

Subjects:  
1. Occupational health  
2. Environmental health and hazards other than those specifically mentioned  
3. Healthy Cities  

Types of activity:  
1. Training and education  
2. Research  

WHO Outputs:  
3.5.1 - Country capacity strengthened to assess health risks, develop and implement policies, strategies or regulations for the prevention, mitigation and management of the health impacts of environmental risks  
3.5.2 - Norms, standards and guidelines to define environmental and occupational health risks and benefits associated with air quality, chemicals, water and sanitation, radiation, nanotechnologies, and climate change  

Responsible officer:  
ONYON Lesley Jayne  
+911123309450  
onyonl@who.int  

You can also contact:  

Technical counterpart:  
ADAIR-ROHANI Heather  
+41 22 791 2998  
adairrohani@who.int
Title of the centre:
WHO Collaborating Centre on Substance Abuse

Director / Head:
Prof Sudhir K Khandelwal sudhir_aiims@yahoo.co.uk

Institution:
National Drug Dependence Treatment Centre, All India Institute of Medical Sciences (AIIMS)

Address:
Ansari Nagar, 110029, Delhi

Town: New Delhi  Country: INDIA  Region: SEARO

Phone: 91 11 26588223/26589787  Fax: 911126588641/26588663

Web site: http://www.aiims.ac.in/aiims/departments/psychiatry/psy_intro.htm

Date of designation: 10 Jan 2012  Last redesignation: 10 Jan 2016  Expiry: 10 Jan 2020

Terms of reference:
1. Epidemiology of substance use and substance use disorders
2. Identification and management of substance use and substance use disorders
3. Improving coverage and quality of treatment for substance use disorders
4. Generating new research data and contributing to WHO global and regional information systems on alcohol and drugs

Subjects:
1. Substance abuse (including alcohol & drugs)
2. Mental health & neurosciences
3. Injuries; violence & accident prevention

Types of activity:
1. Implementation of WHO programmes and activities at country level
2. Research
3. Coordination of activities carried out by several institutions (e.g. other WHO collaborating centres)

WHO Outputs:
2.2.3 - Expansion and strengthening of country strategies, systems and interventions for disorders due to alcohol and substance use enabled
2.1.1 - Development of national multisectoral policies and plans for implementing interventions to prevent and control noncommunicable diseases facilitated
2.2.1 - Countries’ capacity to develop and implement national policies and plans in line with the 2013–2020 global mental health action plan strengthened

Responsible officer: POZNYAK Vladimir B.  Phone: +41 22 791 4307  Email: poznyakv@who.int

You can also contact: ANWAR Nazneen  Phone: +911123370804  Email: anwarna@who.int
**Ref.No. [Initiator]**  
IND-96 [SEARO]

**Title of the centre:**  
WHO Collaborating Centre for Research, Community-based Action and Programme Development in Child Health

**Director / Head:**  
Dr NITA BHANDARI  
nita.bhandari@sas.org.in

**Institution:**  
Society for Applied Studies

**Address:**  
45, Kalu Sarai, 110016, Delhi

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**Date of designation:**  
10 Nov 2010

**Last redesignation:**  
10 Nov 2014

**Expiry:**  
10 Nov 2018

**Terms of reference:**

1. Integrated Management of Neonatal and Childhood Illness (IMNCI)
2. Interventions for Severely Malnourished Children
3. Neonatal Vitamin A Supplementation
4. Understanding the causes of maternal deaths, still births and neonatal deaths
5. Community-based Kangaroo Mother Care to Promote Survival of Small Babies
6. Breast Feeding Promotion, Support and Protection

**Subjects:**

1. Child & maternal health
2. Diarrhoeal diseases and cholera
3. Nutrition

**Types of activity:**

1. Research
2. Research
3. Development and application of appropriate technology

**WHO Outputs:**

2.5.2 - Norms and standards on maternal, infant and young child nutrition, population dietary goals, and breastfeeding updated, and policy options for effective nutrition actions for stunting, wasting and anaemia developed

3.1.2 - Countries’ capacity strengthened to expand high-quality interventions to improve child health and early child development and end preventable child deaths, including from pneumonia and diarrhoea

3.1.4 - Research undertaken, and evidence generated and synthesized to design key interventions in reproductive, maternal, newborn, child and adolescent health, and other conditions and issues linked to it

**Responsible officer:**  
RAINANee +911143040361  
rainan@who.int

**You can also contact:**  
Email:

**Technical counterpart:**  
BAHL Rajiv  
+41 22 79 13766  
bahlr@who.int
Ref.No. [Initiator]  
IND-99 [SEARO]

Title of the centre:  
WHO Collaborating Centre on Reference and Research on Fungi of Medical Importance

Director / Head:  
Professor Arunaloke Chakrabarti  arunaloke@hotmail.com

Institution:  
Mycology Division, Department of Medical Microbiology  
Postgraduate Institute of Medical Education and Research (PGIMER)

Address:  
Sector 12, 160012, Chandigarh

Town: Chandigarh  
Country: INDIA  
Region: SEARO

Phone: +91-17202755156  
Fax: +91-11-2744401  
Web site: http://www.pgimer.nic.in/

Date of designation: 19 Nov 2008  
Last redesignation: 19 Nov 2012  
Expiry: 19 Nov 2016

Terms of reference:  
1. To collaborate with WHO in undertaking collaborative research in epidemiology of fungal diseases  
2. To provide referral services for identification and characterization of emerging fungal infections to other institutions and countries on request of WHO  
3. To maintain a collection of medically important fungi and supply these to investigators on request of WHO  
4. To standardize new diagnostic technologies and disseminate these to national laboratories through WHO  
5. To provide technical support to member countries in establishing and managing fungal diagnostic services including training the national trainers as and when required by WHO

Subjects:  
1. Health Technology (including laboratory services; but excluding blood safety)  
2. HIV/AIDS  
3. Immunology

Types of activity:  
1. Research  
2. Training and education  
3. Provision of reference substances and other services

WHO Outputs:  
Ower: 2.2 - Policy and technical support provided to countries towards expanded gender-sensitive delivery of prevention, treatment and care interventions for HIV/AIDS, tuberculosis and malaria, including integrated training and service delivery; wider service-provider networks; and strengthened laboratory capacities and better linkages with other health services, such as those for sexual and reproductive health, maternal, newborn and child health, sexually transmitted infections, nutrition, drug-dependence treatment service respiratory care, neglected diseases and environmental health.

Responsible officer:  
SHAH Aparna Singh  +911123370804  shahap@who.int

You can also contact:  
Email:  

Technical counterpart:  
VERCAUTEREN Gaby Henriette  +41 22 79 14728  vercautereng@who.int
Title of the centre:
WHO Collaborating Center For Research and Training in Community Based Maternal, Newborn and Child Health

Director / Head:
Dean B S Garg
dean@mgims.ac.in
gargbs@gmail.com

Institution:
Dr. Sushila Nayar School of Public Health, Sewagram, Mahatma Gandhi Institute of Medical Sciences

Address:
MGIMS, 442102, Maharashtra

Town: Country: Region:
Sewagram, Wardha INDIA SEARO

Phone: Fax: Web site:
91-7152-284341-55 91-7152-284333 http://www.mgims.ac.in

Date of designation: Last redesignation: Expiry:
14 Jul 2009 14 Jul 2013 14 Jul 2017

Terms of reference:
1. To undertake, promote & disseminate community-based research activities and identify innovative community-based interventions and approaches in the area of maternal, newborn and child health
2. To develop training packages in community-based reproductive, maternal, newborn and child health interventions for health care providers and staff from medical and nursing schools

Subjects:
1. Child & maternal health
2. Health promotion & education
3. Reproductive health (excluding HIV/AIDS)

Types of activity:
1. Training and education
2. Information dissemination
3. Implementation of WHO programmes and activities at country level

WHO Outputs:
Ower: 4.2 - National research capacity strengthened as necessary and new evidence, products, technologies, interventions and delivery approaches of global and/or national relevance available to improve maternal, newborn, child and adolescent health, to promote active and healthy ageing, and to improve sexual and reproductive health.
Ower: 4.3 - Guidelines, approaches and tools for improving maternal care applied at the country level, including technical support provided to Member States for intensified action to ensure skilled care for every pregnant woman and every newborn, through childbirth and the postpartum and postnatal periods, particularly for poor and disadvantaged populations, with progress monitored.

Responsible officer: Phone: Email:
RAINANeena +911143040361 rainan@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
MATHAIMatthews +41 22 791 3210 mathaim@who.int
**Title of the centre:**

**WHO Collaborating Centre for Noncommunicable Diseases Prevention and Control**

**Director / Head:**
Dr V. MOHAN  
drmohans@diabetes.ind.in

**Institution:**
Dr Mohan’s Diabetes Specialities Centre

**Address:**
No 6 Conran Smith Road, Gopalapuram, 600 086, Tamilnadu

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<td>(9144) 43968888</td>
<td>(9144) 28350935</td>
<td><a href="http://www.drmohansdiabetes.com">http://www.drmohansdiabetes.com</a></td>
</tr>
</tbody>
</table>

**Date of designation:** 24 Mar 2008  
**Last redesignation:** 26 Mar 2012  
**Expiry:** 26 Mar 2016

**Terms of reference:**

1. To support national and regional noncommunicable disease and risk factor surveillance and research programmes and facilitate networking of regional institutions and partner agencies working in the area of NCD surveillance and research;  
   Activity 1: TO SUPPORT NATIONAL/REGIONAL NCD INFOBASE

2. To contribute to regional and national capacity building for prevention and control of noncommunicable diseases;  
   Activity 2: CONDUCTING REGIONAL AND NATIONAL SEMINARS, WORKSHOPS AND TRAINING COURSES ON PREVENTION AND CONTROL OF NON-COMMUNICABLE DISEASES

3. To contribute to implementation of WHO Global Strategy on Diet, Physical Activity and Health at national and regional level, particularly through research and advocacy  
   Activity 3: SUPPORTING REGIONAL AND NATIONAL WHO INITIATIVES AIMED AT IMPLEMENTATION OF GLOBAL STRATEGY ON DIET, PHYSICAL ACTIVITY AND HEALTH

   Activity 4: DEVELOPMENT OF IEC MATERIALS ON NONCOMMUNICABLE DISEASES

**Subjects:**
1. Diabetes  
2. Health promotion & education  
3. Parasitic diseases other than those specifically mentioned

**Types of activity:**
1. Organization of events (e.g. conferences; summits)  
2. Training and education  
3. Information dissemination

**WHO Outputs:**

Ower: 3.2 - Guidance and support provided to Member States for the development and implementation of policies, strategies and regulations in respect of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.6 - Guidance and support provided to Member States to improve the ability of their health and social systems to prevent and manage chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.

**Responsible officer:**
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gargr@who.int

**Technical counterpart:**
ROGLIC Gojka  
+41 22 791 4306  
roglicg@who.int
**Ref.No. [Initiator]**
IND-107 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Development of Rehabilitation Technology, Capacity Building and Disability Prevention

**Director / Head:**
Dr Tharion George tharion@cmcvellore.ac.in

**Institution:**
Department of Physical Medicine and Rehabilitation, Christian Medical College

**Address:**
Ida Scudder Road, 632004, Tamil Nadu

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<tr>
<td>0416-2282010</td>
<td>0416-2232054</td>
<td>home.cmcvellore.ac.in</td>
</tr>
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</table>

**Date of designation:**
16 Jun 2011

**Last redesignation:**
16 Jun 2015

**Expiry:**
16 Jun 2019

**Terms of reference:**
1. Training and dissemination of information on rehabilitation technology and assistive devices, which are affordable and appropriate for persons with disability in the South-East Asia (SEA) Region.
2. Training and dissemination of information to medical and allied health professionals on rehabilitation procedures.
3. Training and sensitization in the area of injury prevention among young adults
4. Training on Community Based Rehabilitation
5. Development of health related rehabilitation guidelines

**Subjects:**
1. Disabilities and rehabilitation (excluding accident prevention)

**Types of activity:**
1. Training and education
2. Information dissemination
3. Research

**WHO Outputs:**
Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 3.4 - Improved evidence compiled by WHO on the cost-effectiveness of interventions to tackle chronic noncommunicable diseases, mental and neurological and substance-use disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 3.5 - Guidance and support provided to Member States for the preparation and implementation of multisectoral, population-wide programmes to promote mental health and to prevent mental and behavioural disorders, violence and injuries, together with hearing and visual impairment, including blindness.

**Responsible officer:**
NAYAR Patanjali Dev +911143040418 nayarp@who.int

**You can also contact:**
CIEZA MORENO Maria Alarcos +41 22 791 1998 ciezaa@who.int
Ref.No. [Initiator]
IND-108 [SEARO]

Title of the centre:
WHO Collaborating Centre for Research and Capacity Building in Chronic Respiratory Diseases

Director / Head:
Prof D Behera
dirlrsi@gmail.com

Institution:
Department of Pulmonary Medicine, Postgraduate Institute of Medical Education and Research (PGIMER)

Address:
Sector 12, 160012, Chandigarh

<table>
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<tr>
<th>Town</th>
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<th>Region</th>
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<tbody>
<tr>
<td>Chandigarh</td>
<td>INDIA</td>
<td>SEARO</td>
</tr>
</tbody>
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Phone: +(0172) 2745959, 0172-2756821
Fax: +(0172) 274595, 2744401
Web site: http://www.pgimer.nic.in/

Date of designation: 29 Sep 2008
Last redesignation: 29 Sep 2012
Expiry: 29 Sep 2016

Terms of reference:
1. To conduct collaborative research on burden, risk-factors, prevention and management of chronic respiratory diseases (Asthma, Chronic obstructive pulmonary disease, other non-communicable diseases).
2. To strengthen capacity of health care personnel at different levels of health care in prevention and management of chronic respiratory diseases in SEAR member countries.
3. To develop advocacy and educational material in Management & Prevention of Chronic Respiratory Diseases.

Subjects:
1. Respiratory Infections
2. Health promotion & education

Types of activity:
1. Research
2. Information dissemination

WHO Outputs:
1. Advice and support provided to Member States to build their capacity for health promotion across all relevant programmes, and to establish effective multisectoral and multidisciplinary collaborations for promoting health and preventing or reducing major risk factors.
2. Guidance and support provided in order to strengthen national systems for surveillance of major risk factors through development and validation of frameworks, tools and operating procedures and their dissemination to Member States where a high or increasing burden of death and disability is attributable to these risk factors.
3. Evidence-based and ethical policies, strategies, recommendations, standards and guidelines developed, and technical support provided to Member States with a high or increasing burden of disease and death associated with tobacco use, enabling them to strengthen institutions in order to tackle or prevent the public health problems concerned; support also provided to the Conference of the Parties to the WHO Framework Convention on Tobacco Control for implementation of the provisions of the Convention and development and implementation of protocols and guidelines

Responsible officer: GARG Renu Madanlal
Phone: +911123370804
gargar@who.int

Technical counterpart: VARGHESE Cherian V.
Phone: +41 22 791 3634
varghesec@who.int
**Ref.No. [Initiator]**
IND-109 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Family of International Classifications

**Director / Head:**
Dr. Madhu Raikwar  dircbhi@nb.nic.in

**Institution:**
Central Bureau of Intelligence, Directorate General of Health Services, Ministry of Health & Family Welfare

**Address:**
Room No. 404, A-Wing, Nirman Bhawan, 110108

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<td><a href="http://www.cbhidghs.nic.in/">http://www.cbhidghs.nic.in/</a></td>
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**Date of designation:**
15 Sep 2008

**Last redesignation:**
15 Sep 2012

**Expiry:**
15 Sep 2016

**Terms of reference:**
1. Support global work with active participation in implementation, education, electronic tools, terminology and other activities which assist WHO in the development, testing, implementation, use, improvement and updating of the CTS products.
2. Collaborate with local and regional users of classifications by networking, providing support for, and disseminating information about CTS products regarding the availability, suitability and applicability of the classifications for different purposes, in coordination with WHO.
3. Promote the use of the CTS products through developing, formulating and sharing teaching materials, organizing and conducting local, regional and global training in coordination with WHO.
4. Improve the level and quality of implementation of WHO classifications while supporting Quality Assurance procedures for CTS products in coordination with WHO.

**Subjects:**
1. Classifications of diseases
2. Disabilities and rehabilitation (excluding accident prevention)

**Types of activity:**
1. Product development (guidelines; manual; methodologies; etc.)
2. Collection and collation of information
3. Training and education

**WHO Outputs:**
Over: 10.4 - Country health-information systems that provide and use high-quality and timely information for health planning and for monitoring progress towards national and major international goals strengthened.

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<td>CHIKERSAL Jyotsna</td>
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<td>KOSTANJSEK Nenad Friedrich Ivan</td>
<td>+41 22 791 3242</td>
<td><a href="mailto:kostanjsekn@who.int">kostanjsekn@who.int</a></td>
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**Title of the centre:**

WHO Collaborating Centre for the health of indigenous populations

**Director / Head:**

Dr. Neeru Singh  
mrctjabalpur@rediffmail.com  
neeru.singh@gmail.com

**Institution:**

Regional Medical Research Centre for Tribals (RMRCT)

**Address:**

Nagpur Road, 482003, Madhya Pradesh

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**Terms of reference:**

1. As a technical resource centre on tribal health, design and conduct research on health problems of tribal populations including development and/or evaluation of anti-malarial drugs and vaccines.
2. Serve as reference centre for evaluation of rapid diagnostic test and their quality control, research on insecticide treated nets and other materials related to tribal population
3. Assess the disease burden and economic consequences of malaria and other health problems among tribals and use these data for further refining strategies and interventions
4. Develop training materials and carry out training of health care workers on epidemiology and control of health problems of tribal populations
5. As an information clearing house on tribal health, collate, analyse and disseminate information and materials relating to health problems of tribal and other vulnerable populations in the region

**Subjects:**

1. Malaria
2. Vector biology & control
3. Research policy & development

**Types of activity:**

1. Research
2. Training and education
3. Evaluation

**WHO Outputs:**

Ower: 1.5 - New knowledge, intervention tools and strategies that meet priority needs for the prevention and control of communicable diseases developed and validated, with scientists from developing countries increasingly taking the lead in this research.

Ower: 2.6 - New knowledge, intervention tools and strategies developed and validated to meet priority needs for the prevention and control of HIV/AIDS, tuberculosis and malaria, with scientists from developing countries increasingly taking the lead in this research.

**Responsible officer:**

CHRISTOPHEL Eva-Maria  
+63 2 5289723  
ChristophelE@who.int

**You can also contact:**

KRISHNAN Sampath Kumar  
krishnans@who.int

**Technical counterpart:**

SHUTES Erin Lee  
+41 22 791 2697  
shutese@who.int
**Ref. No. [Initiator]**
IND-113 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Capacity Building and Research in Community-based Noncommunicable Disease Prevention and Control

**Director / Head:**
Dr. Anand Krishnan  
anand.drk@gmail.com  
kanangiyer@yahoo.com

**Institution:**
Centre for Community Medicine, All India Institute of Medical Sciences (AIIMS)

**Address:**
Ansari Nagar, 110029, Delhi

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**Date of designation:**
12 Nov 2010  
**Last redesignation:**
12 Nov 2014  
**Expiry:**
12 Nov 2018

**Terms of reference:**
1. To support WHO in strengthening capacity in Member States for development of Multi-sectoral National NCD Prevention and Control Action Plans
2. To assist WHO in strengthening capacity for NCD Surveillance among Member States and linking them to national prevention and control efforts
3. To support WHO in promoting Research for NCD Prevention and Control including on community-based strategies

**Subjects:**
1. Cardiovascular diseases
2. Diabetes
3. Noncommunicable diseases other than those specifically mentioned

**Types of activity:**
1. Training and education
2. Research
3. Product development (guidelines; manual; methodologies; etc.)

**WHO Outputs:**
Ower: 3.4 - Improved evidence compiled by WHO on the cost-effectiveness of interventions to tackle chronic noncommunicable diseases, mental and neurological and substance-use disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.6 - Guidance and support provided to Member States to improve the ability of their health and social systems to prevent and manage chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 6.1 - Advice and support provided to Member States to build their capacity for health promotion across all relevant programmes, and to establish effective multisectoral and multidisciplinary collaborations for promoting health and preventing or reducing major risk factors.

**Responsible officer:**
GARG Renu Madanlal  
Phone: +911123370804  
Email: ggr@who.int

**You can also contact:**

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<td>KRUG Etienne G.G.</td>
<td>13535/12881</td>
<td><a href="mailto:kruge@who.int">kruge@who.int</a></td>
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</table>
Ref.No. [Initiator]
IND-114 [SEARO]

Title of the centre:

WHO Collaborating Centre for Training and Policy on Access to Pain Relief

Director / Head:
Dr M.R. Rajagopal chairman@palliumindia.org

Institution:
TRIVANDRUM INSTITUTE OF PALLIATIVE SCIENCES (TIPS)

Address:
Trivandrum Institute of Palliative Sciences, Arumana Hospital, Airport Road, Subash Nagar, Vallakadavu 695 008, Kerala

Town: Country: Region:
Trivandrum INDIA SEARO

Phone: Fax: Web site:
+91 889 344 0306 +91 471 2468991 http://www.tipsindia.org/

Date of designation: Last redesignation: Expiry:
07 Mar 2012 07 Mar 2016 07 Mar 2020

Terms of reference:
1. Creation of database of access to opioids and of barriers to opioids.
2. Development of methods to overcome barriers to access to pain relief as they emerge and to make opioid analgesics adequately available for pain by professional education, establishing dialogue with Central and State Government officials and drug regulators
3. Dissemination of information on the barriers and interventions to professionals and potential palliative care providers in India and in South East Asian Region particularly in Nepal, Indonesia, Bhutan, Sri Lanka and Thailand.
4. Conduct of educational programs for professionals and potential trainers including doctors and nurses which include assessment and management of pain including procurement as well as safe and effective use of opioids. (WHO will be allowed to nominate 15% of the participants to these programs).

Subjects:
1. Pharmaceuticals (including essential drugs and medicines)
2. Health promotion & education
3. Health legislation and human rights

Types of activity:
1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Research

WHO Outputs:
4.3.1 - Countries enabled to develop or update, implement, monitor and evaluate national policies on better access to health technologies; and to strengthen evidence-based selection and rational use of health technologies

Responsible officer: Phone: Email:
HOLLOWAY Kathleen Anne +91 11 43040314 hollowayk@who.int

You can also contact:

Technical counterpart: Phone: Email:
FORTE Gilles Bernard 13617/14652 fortég@who.int
**Ref.No. [Initiator]**
IND-116 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Strengthening Capacity for Emerging Infectious Diseases

**Director / Head:**
Dr DT Mourya directorniv@gmail.com

**Institution:**
National Institute of Virology, Pune, India

**Address:**
Ambedkar Road, 411001, Maharashtra

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**Terms of reference:**
1. To provide technical support to other developing countries in building national capacity for emerging viral diseases in context of implementation of IHR (2005)
2. To develop and evaluate diagnostic tools for early diagnosis of emerging viral diseases
3. To collate, analyse and disseminate epidemiological data and progress on emerging viral diseases that can be utilized by countries for policy and program development/improvement
4. To assist in investigation of events (outbreaks) suspected to be due to emerging viral diseases, if requested by countries, and in collaboration with WHO.

**Subjects:**
1. Influenza
2. Viral hemorrhagic fevers
3. Viral diseases other than those specifically mentioned

**Types of activity:**
1. Collection and collation of information
2. Development and application of appropriate technology
3. Provision of reference substances and other services

**WHO Outputs:**
5.1.1 - Countries enabled to develop core capacities required under International Health Regulations (2005)
5.2.1 - Countries are enabled to develop and implement operational plans, in line with WHO recommendations on strengthening national resilience and preparedness covering pandemic influenza and epidemic and emerging diseases

Ower: 1.5 - New knowledge, intervention tools and strategies that meet priority needs for the prevention and control of communicable diseases developed and validated, with scientists from developing countries increasingly taking the lead in this research.

**Responsible officer:**
SHAH Aparna Singh +911123370804 shahap@who.int

**You can also contact:**

**Technical counterpart:**
FORMENTY Pierre B.H. +41 22 791 2550 formentyp@who.int
Title of the centre:

WHO Collaborating Centre in Traditional Medicine

Director / Head:
Professor M.S. Baghel directoripgt@ayurveduniversity.com

Institution:
Institute for Post GraduateTeaching & Research in Ayurveda, Gujarat Ayurved University

Address:
Guru Govind Hospital Road, Opp. GG Hospital, 361008, Gujarat

Town: Country: Region:
Jamnagar INDIA SEARO

Phone: Fax: Web site:
+91-288-2552014 +91-288-2676856 www.ayurveduniversity.edu.in

Date of designation: Last redesignation: Expiry:
05 Apr 2013 05 Apr 2013 05 Apr 2017

Terms of reference:
1. To contribute to WHO efforts in the standardization of traditional medicine (Ayurveda).
2. To work with WHO in developing and disseminating reference documents for promoting rational and safe use of traditional medicine (Ayurveda).
3. To provide training opportunities on Ayurveda and promote information exchange.
4. To evolve strategies and interventions for improving communication between traditional medicine practitioners and modern medical professionals.
5. To work with WHO for developing capacities in safety monitoring of traditional medicines.

Subjects:
1. Traditional medicine
2. Health promotion & education
3. Human resources for health (excluding Nursing)

Types of activity:
1. Training and education
2. Research
3. Product development (guidelines; manual; methodologies; etc.)

WHO Outputs:
Ower: 10.3 - Coordination of the various mechanisms (including donor assistance) that provide support to Member States in their efforts to achieve national targets for health-system development and global health goals improved.
Ower: 10.5 - Better knowledge and evidence for health decision-making assured through consolidation and publication of existing evidence, facilitation of knowledge generation in priority areas, and global leadership in health research policy and coordination, including with regard to ethical conduct.
Ower: 10.13 - Evidence based norms, standards and measurement tools developed to support member states to quantify and decrease the level of unsafe health care provided.

Responsible officer: Phone: Email:
KIM Sungchol +911143040630 kims@who.int

You can also contact: Email:
ZHANG Qi +41 22 791 3698 zhangqi@who.int
Ref.No. [Initiator]
IND-118 [SEARO]

Title of the centre:
WHO Collaborating Centre in Traditional Medicine

Director / Head:
Doctor Ishwar V. Basavaraddi mdniy@yahoo.co.in

Institution:
Department of Yoga Therapy & Training, Morarji Desai National Institute of Yoga

Address:
68 Ashok Road, 110001, Delhi Capital Territory

Town: New Delhi Country: INDIA Region: SEARO

Phone: +91-11-23711657 Fax: +91-11-23351868 Web site: www.yogamdniy.nic.in

Date of designation: 05 Apr 2013 Last redesignation: 05 Apr 2013 Expiry: 05 Apr 2017

Terms of reference:
1. To serve as Yoga resource centre for information exchange on Yoga within the country and for other countries.
2. To assist and work with WHO in developing standards for promoting rational use of Yoga.
3. To develop educational and practice materials for advocating evidence-based use of Yoga.
4. To conduct customized training programs for national and international health professionals and WHO fellows about the utility of Yoga in health promotion.

Subjects:
1. Traditional medicine
2. Health promotion & education
3. Health systems research & development

Types of activity:
1. Training and education
2. Development and application of appropriate technology
3. Collection and collation of information

WHO Outputs:
Ower: 10.5 - Better knowledge and evidence for health decision-making assured through consolidation and publication of existing evidence, facilitation of knowledge generation in priority areas, and global leadership in health research policy and coordination, including with regard to ethical conduct.
Ower: 10.6 - National health research for development of health systems strengthened in the context of regional and international research and engagement of civil society.
Ower: 10.7 - Knowledge management and eHealth policies and strategies developed and implemented in order to strengthen health systems.

Responsible officer: KIM Sungchol Phone: +911143040630 Email: kims@who.int

You can also contact:

Technical counterpart: ZHANG Qi Phone: +41 22 791 3698 Email: zhangqi@who.int
**Ref.No. [Initiator]**
IND-121 [Headquarters]

**Title of the centre:**
WHO Collaborating Centre for laboratory testing and evaluation of public health pesticides

**Director / Head:**
Dr Raghavendra Kamaraju
director@mrcindia.org

**Institution:**
Insecticide and Insecticide Resistance Laboratory, National Institute of Malaria Research

**Address:**
Dwarka, Sector-8, 110 077, Delhi

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**Terms of reference:**
1. Provide technical support for development of requirements, procedures and criteria for testing and evaluation of public health pesticides
2. Undertake, at the request of the WHO Pesticide Evaluation Scheme, the laboratory testing and evaluation of pesticides for use in public health, following WHO guidelines

**Subjects:**
1. Vector biology & control
2. Communicable diseases other than those specifically mentioned
3. Parasitic diseases other than those specifically mentioned

**Types of activity:**
1. Evaluation
2. Research
3. Training and education

**WHO Outputs:**
Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.

**Responsible officer:**
VELAYUDHAN Raman
+41 22 791 1868
VelayudhanR@who.int

**You can also contact:**

**Technical counterpart:**
DASH Aditya Prasad
+911123370804
dasha@who.int
**Ref.No. [Initiator]**
IND-122 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Oral Health Promotion

**Director / Head:**
Prof O P Kharbanda  
dr.opk15@gmail.com

**Institution:**
Centre for Dental Education and Research, All India Institute of Medical Sciences

**Address:**
Ansari Nagar, 110029

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**Date of designation:** 13 May 2014  
**Last redesignation:** 13 May 2014  
**Expiry:** 13 May 2018

**Terms of reference:**
1. To assist WHO in training of public health professionals involved with oral health promotion and integrated disease prevention. (Training component)
2. To promote Oral Health with focus on behavior change including use of common risk factor approach on request of WHO. (Oral Health Promotion)
3. To assist WHO in adapting Global Oral Health Tools to the SEA Regional Context

**Subjects:**
1. Oral health
2. Research policy & development
3. Health promotion & education

**Types of activity:**
1. Training and education
2. Research
3. Product development (guidelines; manual; methodologies; etc.)

**WHO Outputs:**
Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.4 - Improved evidence compiled by WHO on the cost-effectiveness of interventions to tackle chronic noncommunicable diseases, mental and neurological and substance-use disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.5 - Guidance and support provided to Member States for the preparation and implementation of multisectoral, population-wide programmes to promote mental health and to prevent mental and behavioural disorders, violence and injuries, together with hearing and visual impairment, including blindness.

**Responsible officer:**
GARG Renu Madanlal  
+911123370804  
gargr@who.int

**You can also contact:**
OGAWA Hiroshi  
+41 22 791 1014  
ogawah@who.int
Ref.No. [Initiator]
IND-124 [SEARO]

Title of the centre:
WHO Collaborating Centre for Surveillance, Capacity building and Translational Research in Cardio-Metabolic Diseases

Director / Head:
Professor Dorairaj Prabhakaran dprabhakaran@ccdcindia.org

Institution:
Centre for Chronic Disease Control (CCDC)

Address:
Tower No 4, Commercial Complex, C-9, Vasant Kunj, 110070, New Delhi

Town: New Delhi
Country: INDIA
Region: SEARO

Phone: +91 11 43421900
Fax: +91 11 43421975
Web site: http://www.ccdcindia.org

Date of designation: 16 Jan 2014
Last redesignation: 16 Jan 2014
Expiry: 16 Jan 2018

Terms of reference:
1. To assist WHO to develop cardio-metabolic disease surveillance for countries in SEA region.
2. To support WHO for capacity building for prevention and control of cardio-metabolic diseases among different stakeholders.
3. To work with WHO to develop collaboration, share experience and resources with other organization regionally and globally for the protection and promotion of cardio-metabolic health.

Subjects:
1. Cardiovascular diseases
2. Nutrition
3. Health information; statistics; measurement & trend assessment

Types of activity:
1. Collection and collation of information
2. Coordination of activities carried out by several institutions (e.g. other WHO collaborating centres)
3. Providing technical advise to WHO

WHO Outputs:
Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.
Ower: 6.2 - Guidance and support provided in order to strengthen national systems for surveillance of major risk factors through development and validation of frameworks, tools and operating procedures and their dissemination to Member States where a high or increasing burden of death and disability is attributable to these risk factors.
Ower: 6.5 - Evidence-based and ethical policies, strategies, recommendations, standards and guidelines developed and technical support provided to Member States with a high or increasing burden of disease or death associated with unhealthy diets and physical inactivity, enabling them to strengthen institutions in order to combat or prevent the public health problems concerned.

Responsible officer: GARG Renu Madanlal +911123370804 gargr@who.int

You can also contact: VARGHESE Cherian V. +41 22 791 3634 varghesec@who.int
Ref.No. [Initiator]
IND-125 [Headquarters]

Title of the centre:
WHO Collaborating Centre on Viral Hepatitis and Liver Diseases

Director / Head:
Prof Shiv Kumar Sarin shivsarin@gmail.com

Institution:
Hepatology. The Institute of Liver and Biliary Sciences

Address:
D1 Vasant Kunj, 110070, New Delhi

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<td>91-11- 26123504</td>
<td><a href="http://www.ilbs.in">http://www.ilbs.in</a></td>
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Date of designation: 16 Dec 2014
Last redesignation: 16 Dec 2014
Expiry: 16 Dec 2018

Terms of reference:
1. To contribute to WHO’s work in generating data and evidence based policies for action in the field of viral hepatitis and its consequences.
2. To contribute to WHO’s work in prevention of transmission of viral hepatitis
3. To contribute to WHO’s work in increasing access to care and treatment of viral hepatitis and its consequences.

Subjects:
1. Hepatitis
2. Cancer
3. Health Technology (including laboratory services; but excluding blood safety)

Types of activity:
1. Research
2. Training and education
3. Collection and collation of information

WHO Outputs:
Ower: 1.7 - Member States and the international community equipped to detect, assess, respond to and cope with major epidemic and pandemic-prone diseases (e.g. influenza, meningitis, yellow fever, haemorrhagic fevers, plague and smallpox) through the development and implementation of tools, methodologies, practices, networks and partnerships for prevention, detection, preparedness and intervention.

Responsible officer: HARMANCI Fatos Hande +41 22 791 3407 harmancih@who.int

You can also contact: PENDSE Razia Narayan +911123309632 pendsera@who.int
<table>
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<tr>
<th>Ref.No. [Initiator]</th>
<th>IND-126 [SEARO]</th>
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**Title of the centre:**

**WHO Collaborating Centre for Training and Research in Essential Medicines and Rational Use of Medicines**

**Director / Head:**

Professor Gitanjali Batmanabane  
gitabatman@gmail.com

**Institution:**

Department of Pharmacology, Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER)

**Address:**

No.1, Tindivanam-Pondicherry Main Road, 605006, Puducherry

**Town:** Puducherry  
**Country:** INDIA  
**Region:** SEARO

**Phone:** +91 413 2296351; 2296360  
**Fax:** +91 413 2272067; 2272066  
**Web site:** http://www.jipmer.edu.in

**Date of designation:** 19 Mar 2014  
**Last redesignation:** 19 Mar 2014  
**Expiry:** 19 Mar 2018

**Terms of reference:**

1. On the request of WHO, to provide support and technical assistance to SEAR countries to develop their own technical guidance tools and resource materials to promote the rational use of medicines.
2. To work with WHO to improve medication safety through rational use of medicines in the SEA region.
3. To assist WHO to prepare and implement a curriculum on rational use of medicines and good pharmaceutical care for health care professionals for use by clinical and academic centers in the developing countries, especially in the SEA region.

**Subjects:**

1. Pharmaceuticals (including essential drugs and medicines)

**Types of activity:**

1. Collection and collation of information
2. Implementation of WHO programmes and activities at country level
3. Training and education

**WHO Outputs:**

Ower: 11.1 - Formulation and monitoring of comprehensive national policies on access, quality and use of essential medical products and technologies advocated and supported.

Ower: 11.2 - International norms, standards and guidelines for the quality, safety, efficacy and cost effective use of medical products and technologies developed and their national and/or regional implementation advocated and supported.

Ower: 11.3 - Evidence based policy guidance on promoting scientifically sound and cost-effective use of medical products and technologies by health workers and consumers developed and supported within the Secretariat and regional and national programmes.

**Responsible officer:**

HOLLOWAY Kathleen Anne  
+91 11 43040314  
hollowayk@who.int

**You can also contact:**

Technical counterpart:

FORTE Gilles Bernard  
13617/14652  
forteg@who.int
Ref. No. [Initiator]
IND-127 [SEARO]

Title of the centre:
WHO Collaborating Centre for Leprosy Research and Epidemiology

Director / Head:
Dr Sanjay Mehendale directorne@dataone.in

Institution:
National Institute of Epidemiology

Address:
R127, Tamil Nadu Housing Board, Ayappakkam, 600077, Tamil Nadu

Town: Country: Region:
Chennai INDIA SEARO

Phone: Fax: Web site:
+91-44-26136204 +91-44-26820464 http://www.nie.gov.in

Date of designation: Last redesignation: Expiry:
15 May 2014 15 May 2014 15 May 2018

Terms of reference:
1. Advocacy for and regular review of the implementation of the Enhanced Global Strategy (2011-2015) among the Member States in collaboration with WHO.
2. Conduct training on clinical and programme management of leprosy to the priority countries with large number of new cases to implement key activities outlined in the Enhanced Global Strategy 2011-2015
3. Participate in clinical, epidemiological and operational research in leprosy developed under WHO leadership and contribute to policy development for the programme

Subjects:
1. Leprosy
2. Research policy & development

Types of activity:
1. Research
2. Training and education
3. Collection and collation of information

WHO Outputs:
Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.

Responsible officer: Phone: Email:
DE JESUS Rui Paulo +911143040117 jesusr@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
ENGELS Dirk A. +41 22 791 3824 engelsd@who.int
Title of the centre:

WHO Collaborating Center in Tuberculosis Training

Director / Head:
Dr Rohit Sarin
drsarin@yahoo.com

Institution:
National Institute of Tuberculosis and Respiratory Diseases

Address:
Sri Aurobindo Marg, 110030, Delhi

Town: New Delhi
Country: INDIA
Region: SEARO

Phone: 0091 011-26963335
Fax: 0091 011-26517834
Web site: http://www.nitrd.nic.in

Date of designation: 06 Nov 2014
Last redesignation: 06 Nov 2014
Expiry: 06 Nov 2018

Terms of reference:
1. To work with WHO in human resource development and dissemination of knowledge and skills in TB Control
2. To contribute to WHO’s evidence based strategies through operational and clinical research

Subjects:
1. Tuberculosis

Types of activity:
1. Training and education

WHO Outputs:
1.2.2 - Updated policy guidance and technical guidelines on HIV-related tuberculosis, delivery of care for patients with multidrug-resistant tuberculosis, tuberculosis diagnostic approaches, tuberculosis screening in risk groups and integrated community-based management of tuberculosis

Responsible officer: HYDER Md Khurshid Alam
Phone: +911123309138
Email: hyderk@who.int

You can also contact: GRZEMSKA Malgorzata
Email: grzemskam@who.int
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<td>IND-129 [SEARO]</td>
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**Title of the centre:**

WHO CC for Prevention of avoidable blindness and visual impairment

**Director / Head:**

Dr Ravindran Duraisamy Ravilla  rdr@aravind.org  
Dr Aravind Srinivasan  s.aravind@aravind.org

**Institution:**

Aravind Eye Hospital and Postgraduate Institute of Ophthalmology, Aravind Eye Care System

**Address:**

1, Anna Nagar, 625 020, Tamilnadu

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<td>SEARO</td>
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**Phone:**  (91-452) 4356100  
**Fax:**  (91-452) 2530984

**Date of designation:**  21 Aug 2014  
**Last redesignation:**  21 Aug 2014  
**Expiry:**  21 Aug 2018

**Terms of reference:**

1. To work with WHO to promote community eye health services for the prevention of blindness and vision impairment
2. To work with WHO to design and offer training programmes to all categories of eye care personnel, especially from developing countries with a focus on VISION 2020 priority ocular conditions and management of eye care programmes
3. To work with WHO to conduct operational research to improve effectiveness of eye care programmes
4. To work with WHO to promote and disseminate best practices through various channels and methods available

**Subjects:**

1. Prevention of blindness

**Types of activity:**

1. Training and education
2. Information dissemination
3. Product development (guidelines; manual; methodologies; etc.)

**WHO Outputs:**

2.4.2 - Countries are able to strengthen the provision of services to reduce disability due to visual impairment and hearing loss through more effective policies and integrated services

**Responsible officer:**

NAYAR Patanjali Dev  +911143040418  nayarp@who.int

**You can also contact:**

**Technical counterpart:**

KOCUR Ivo  +41 22 791 1435  kocuri@who.int
Ref.No. [Initiator]
IND-131 [SEARO]

Title of the centre:
WHO collaborating Center for Training and Research in Tuberculosis

Director / Head:
Professor Surendra Sharma sksharma.aiims@gmail.com

Institution:
Department of Internal Medicine, All India Institute of Medical Sciences

Address:
3rd floor, Teaching Block, Ansari Nagar, 110029

Town: Country: Region:
New Delhi INDIA SEARO

Phone: Fax: Web site:
0091 11 26594415 0091 11 26589994 http://www.aiims.edu

Date of designation: Last redesignation: Expiry:

Terms of reference:
1. To provide technical support on extrapulmonary tuberculosis, co-morbidities associated with tuberculosis and drug resistant tuberculosis when requested by WHO

Subjects:
1. Tuberculosis

Types of activity:
1. Training and education
2. Research

WHO Outputs:
1.2.2 - Updated policy guidance and technical guidelines on HIV-related tuberculosis, delivery of care for patients with multidrug-resistant tuberculosis, tuberculosis diagnostic approaches, tuberculosis screening in risk groups and integrated community-based management of tuberculosis

Responsible officer: Phone: Email:
HYDER Md Khurshid Alam +911123309138 hyderk@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
WARES Douglas Fraser +41 22 791 1330 waresf@who.int
**Title of the centre:**
WHO Collaborating Centre for Priority Medical Devices & Health Technology Policy.

**Director / Head:**
- Dr Jitendra Sharma  
  Jitendar.sharma@nhsrcindia.org
- Dr Sanjiv Kumar  
  sanjiv.kumar@nhsrcindia.org

**Institution:**
Division of Healthcare Technology & Innovations, National Health Systems Resource Centre, New Delhi

**Address:**
NHSRC, NIHFW Campus, Baba Gangnath Marg, Munirka, 110067, New Delhi

**Town:** New Delhi  
**Country:** INDIA  
**Region:** SEARO

**Phone:** +91-11-26108982  
**Fax:** +91-11-26108994  
**Web site:** http://www.nhsrcindia.org

**Date of designation:** 18 Mar 2015  
**Last redesignation:** 18 Mar 2015  
**Expiry:** 18 Mar 2019

**Terms of reference:**
1. Support in framing of technical specifications of priority medical devices
2. Health Technology Assessment capacity building.
3. Supporting of formulation of biomedical equipment maintenance models.
4. Health technology needs assessment research studies, for services assured under National Health Mission.

**Subjects:**
1. Health Technology (including laboratory services; but excluding blood safety)
2. Noncommunicable diseases other than those specifically mentioned
3. Child & maternal health

**Types of activity:**
1. Implementation of WHO programmes and activities at country level
2. Collection and collation of information
3. Information dissemination

**WHO Outputs:**
4.3.1 - Countries enabled to develop or update, implement, monitor and evaluate national policies on better access to health technologies; and to strengthen evidence-based selection and rational use of health technologies
4.3.2 - Implementation of the global strategy and plan of action on public health, innovation and intellectual property

**Responsible officer:**
VELAZQUEZ BERUMENA Adriana  
Phone: +41 22 791 1239  
Email: velazquezberumena@who.int

**Technical counterpart:**
GUPTA Madhur  
Phone: +911142595600  
Email: guptamadh@who.int
Ref.No. [Initiator]
IND-134 [SEARO]

Title of the centre:
WHO Collaborating Centre for drinking water and sanitation

Director / Head:
Dr Pawan Labhasetwar
pk_labhasetwar@neeri.res.in
wtmd@neeri.res.in

Institution:
Water Technology and Management, National Environmental Engineering Research Institute

Address:
Nehru Marg, 440020, Maharashtra

Town: Country: Region:
Nagpur INDIA SEARO

Phone: Fax: Web site:
+91-712-2249756 +91-712-2249756 http://www.neeri.res.in

Date of designation: Last redesignation: Expiry:
08 Feb 2016 08 Feb 2016 08 Feb 2020

Terms of reference:
1. Support in the expansion of water safety plans in India and the south-east asia region
2. Provide technical assistance in the areas of drinking water quality management, sanitation and wastewater.
3. Conduct international and national training programme on water quality including water safety plans and water quality monitoring
4. Conduct research in water and sanitation

Subjects:
1. Water & sanitation

Types of activity:
1. Training and education
2. Organization of events (e.g. conferences; summits)
3. Providing technical advise to WHO

WHO Outputs:
3.5.1 - Country capacity strengthened to assess health risks, develop and implement policies, strategies or regulations for the prevention, mitigation and management of the health impacts of environmental risks
3.5.2 - Norms, standards and guidelines to define environmental and occupational health risks and benefits associated with air quality, chemicals, water and sanitation, radiation, nanotechnologies, and climate change
3.5.3 - Public health issues incorporated in multilateral agreements and conventions on the environment and sustainable development

Responsible officer: Phone: Email:
PAYDEN +977 15523993 payden@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
GORDON Bruce Allan +41 22 791 2728 gordonb@who.int
Yellow Pages of WHO Collaborating Centres in South-East Asia Region
Ref.No. [Initiator]
INO-19 [SEARO]

Title of the centre:
WHO Collaborating Centre for Prevention of Deafness and Hearing Impairment

Director / Head:
MD, ORL Ronny Suwento rsuwanto@yahoo.com

Institution:
Department of ENT, Dr Cipto Mangunkusumo National Hospital, Medical Faculty, University of Indonesia

Address:
Jalan Diponegoro 71, 10430

Town: Jakarta  Country: INDONESIA  Region: SEARO

Phone: (62-21) 3910701  Fax: (62-21) 3914154


Terms of reference:
1. To contribute to WHO's effort in the capacity building for all level manpower on ear and hearing impairment
2. To participate in collaborative research on hearing impairment and CBR under WHO leadership.
3. To assist WHO in development of strategies for CBR regarding Hearing impairment program activities from prevention and promotion through ear care and rehabilitation.

Subjects:
1. Prevention of deafness

Types of activity:
1. Coordination of activities carried out by several institutions (e.g. other WHO collaborating centres)
2. Product development (guidelines; manual; methodologies; etc.)
3. Research

WHO Outputs:
Ower: 3.6 - Guidance and support provided to Member States to improve the ability of their health and social systems to prevent and manage chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.5 - Guidance and support provided to Member States for the preparation and implementation of multisectoral, population-wide programmes to promote mental health and to prevent mental and behavioural disorders, violence and injuries, together with hearing and visual impairment, including blindness.

Responsible officer: NAYAR Patanjali Dev +911143040418 nayarp@who.int

You can also contact: CHADHA Shelly +41 22 791 4289 chadhas@who.int
**Ref.No. [Initiator]**
INO-21 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Health Research System Management

**Director / Head:**
DR.dr Lestari Handayani, M.Med (PH)  lestarimail@yahoo.com.sg

**Institution:**
Center for Health Systems Research and Policy Development
National Institute for Health Research and Development, Ministry of Health

**Address:**
Jl. Indrapura 17, 60176, East Java

**Town:** Surabaya **Country:** INDONESIA **Region:** SEARO

**Phone:** +6231-3528748 **Fax:** +6231-3528749 **Web site:** www.p3skk.litbang.depkes.go.id

**Date of designation:** 15 May 2012  **Last redesignation:** 15 May 2012  **Expiry:** 15 May 2016

**Terms of reference:**
1. To contribute to WHO work on Health System Research.
2. To contribute to WHO in decentralization of health services through training of researchers and local government institution.
3. To contribute to WHO in empowering local government researchers of HSR methodology.
4. To contribute to WHO in the field of health policy and Health System Research and Development at the National and South East Asia regional scope.

**Subjects:**
1. Research policy & development

**Types of activity:**
1. Research
2. Training and education

**WHO Outputs:**
Ower: 10.5 - Better knowledge and evidence for health decision-making assured through consolidation and publication of existing evidence, facilitation of knowledge generation in priority areas, and global leadership in health research policy and coordination, including with regard to ethical conduct.

Ower: 10.6 - National health research for development of health systems strengthened in the context of regional and international research and engagement of civil society.

**Responsible officer:** SENANAYAKE Gunasena Sunil **Phone:** +911143040363 **Email:** senanayakes@who.int

**You can also contact:**

**Technical counterpart:** PANGESTU Tikki Elka **Phone:** +41 22 79 12786 **Email:** pangt@who.int
Title of the centre:
WHO Collaborating Centre for Training and Research on Disaster Risk Reduction

Director / Head:
Dr Sri Henni Setawati srihenni@yahoo.com
Mr Nasrun Harun ppkdepkes@yahoo.com

Institution:
Center of Health Crisis, Ministry of Health

Address:
Jl. H.R. Rasuna Said Block X5 Kavling 4 - 9 Block A, 12950, DKI Jakarta

Town: Jakarta Country: INDONESIA Region: SEARO

Phone: +6221 5265043 Fax: +6221 5271111


Terms of reference:
1. To work with WHO in strengthening operational capacity of managing health aspects of emergencies and disasters of various causes.
2. To work with WHO in providing a platform for coordination with various sectors and programs in disaster risk reduction activities.
3. To work with WHO in building capacity of human resources in various competencies required for better risk management and emergency response.

Subjects:
1. Emergency & humanitarian action

Types of activity:
1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Provision of reference substances and other services

WHO Outputs:
Ower: 5.1 - Norms and standards developed, capacity built and technical support provided to Member States for the development and strengthening of national emergency preparedness plans and programmes.
Ower: 5.2 - Norms and standards developed and capacity built to enable Member States to provide timely response to disasters associated with natural hazards and conflict-related crises.
Ower: 5.3 - Norms and standards developed and capacity built to enable Member States to assess needs and for planning interventions during the transition and recovery phases of conflicts and disasters.

Responsible officer:
OFRIN Roderico +911 143040444 ofrinr@who.int

You can also contact:

Technical counterpart:
SIMONIAN Guillaume +41 22 791 2727 simoniang@who.int
Ref.No. [Initiator]
MMR-4 [SEARO]

Title of the centre:
WHO Collaborating Centre for Nursing and Midwifery Development

Director / Head:
Prof Myat Thandar thandar.myat@gmail.com
Ms Su Mon sumon@searo.who.int

Institution:
University of Nursing, Yangon

Address:
677/709, Bogyoke Aung San Street Lanmadaw Township, P.O. 11131

Town: Yangon  Country: MYANMAR  Region: SEARO
Phone: (951) 222 883 / 222 884 / 222 885 / 222 899
Fax: (951) 227 449


Terms of reference:
1. To support WHO in strengthening quality of nursing and midwifery education.
2. To support WHO in strengthening quality of nursing and midwifery services
3. To contribute to WHO in building capacity of nursing and midwifery workforce in responding to current health challenges.
4. To contribute to WHO in strengthening evidences and research in nursing and midwifery.

Subjects:
1. Nursing

Types of activity:
1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Research

WHO Outputs:
Ower: 10.8 - Health-workforce information and knowledge base strengthened, and country capacities for policy analysis, planning, implementation, information-sharing and research built up.

Responsible officer: SUCHAXAYA Prakin Phone: +911143040301 Email: suchaxayap@who.int

You can also contact: Email:

Technical counterpart: NKOWANE Annette Mwansa Phone: +41 22 791 4314 Email: nkowanemwansa@who.int
Nepal
### Ref.No. [Initiator]
NEP-5 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for TB and TB/HIV Research and Training

**Director / Head:**
Dr Sharat Verma saarctb@mos.com.np

**Institution:**
SAARC Tuberculosis and HIV/AIDS Centre

**Address:**
Thimi, Bhaktapur G.P.O., Box 9517 - 44600

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<th>Region:</th>
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<td>+977- 1- 6632477, 6632601</td>
<td>(977-1) 6634379</td>
<td><a href="http://www.saarctb.org">http://www.saarctb.org</a></td>
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**Date of designation:**
13 Mar 2002

**Last redesignation:**
03 Jul 2014

**Expiry:**
03 Jul 2018

**Terms of reference:**
1. Training and knowledge dissemination on TB & HIV and laboratory
2. Technical support for operational research on TB/HIV, surveillance and cross border issues.
3. Provision of technical support to countries for implementation of TB and HIV control activities

**Subjects:**
1. Tuberculosis
2. HIV/AIDS

**Types of activity:**
1. Product development (guidelines; manual; methodologies; etc.)
2. Research
3. Training and education

**WHO Outputs:**
Ower: 2.1 - Guidelines, policy, strategy and other tools developed for prevention of, and treatment and care for patients with, HIV/AIDS, tuberculosis and malaria, including innovative approaches for increasing coverage of the interventions among poor people, and hard-to-reach and vulnerable populations.

Ower: 2.2 - Policy and technical support provided to countries towards expanded gender-sensitive delivery of prevention, treatment and care interventions for HIV/AIDS, tuberculosis and malaria, including integrated training and service delivery; wider service-provider networks; and strengthened laboratory capacities and better linkages with other health services, such as those for sexual and reproductive health, maternal, newborn and child health, sexually transmitted infections, nutrition, drug-dependence treatment service respiratory care, neglected diseases and environmental health.

Ower: 2.6 - New knowledge, intervention tools and strategies developed and validated to meet priority needs for the prevention and control of HIV/AIDS, tuberculosis and malaria, with scientists from developing countries increasingly taking the lead in this research.

**Responsible officer:**
HYDER Md Khurshid Alam +911123309138 hyderk@who.int

**You can also contact:**

**Technical counterpart:**
GUNNEBERG Christian +41 22 791 2732 gunnebergc@who.int
Yellow Pages of WHO Collaborating Centres in South-East Asia Region
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<th>SRL-8 [SEARO]</th>
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**Title of the centre:**

**WHO Collaborating Centre for Training and Research in Occupational Health**

**Director / Head:**

Professor R. de A. Seneviratne  
Professor Harshalal Seneviratne  
srdeas@gmail.com

**Institution:**

Department of Community Medicine, Faculty of Medicine, University of Colombo

**Address:**

25 Kynsey Road, 00800, Colombo

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<td>SEARO</td>
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<td>+9411 2695300, 2677765</td>
<td>+9411 2677765, 2691581</td>
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<th>Last redesignation:</th>
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**Terms of reference:**

1. To contribute to the development of human resources for addressing Workers’ Health through training and capacity building activities.
2. To participate in WHO’s multi-centre projects on integration of Occupational Health in Primary Health Care.
3. To support WHO’s research agenda for promoting Basic Occupational Health Services.
4. To collaborate with WHO in the implementation of the Global Plan of Action on Workers’ Health.

**Subjects:**

1. Occupational health
2. Research policy & development
3. Health promotion & education

**Types of activity:**

1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Research

**WHO Outputs:**

Ower: 8.2 - Technical support and guidance provided to Member States for the implementation of primary prevention interventions that reduce environmental hazards to health, enhance safety and promote public health, including in specific settings (e.g. workplaces, homes or urban settings) and among vulnerable population groups (e.g. children).

Ower: 8.3 - Technical assistance and support provided to Member States for strengthening national occupational and environmental health risk management systems, functions and services.

Ower: 8.5 - Health-sector leadership enhanced for creating a healthier environment and changing policies in all sectors so as to tackle the root causes of environmental threats to health, through means such as responding to emerging and re-emerging consequences of development on environmental health and altered patterns of consumption and production and to the damaging effect of evolving technologies.

**Responsible officer:**

ONYON Lesley Jayne  
+911123309450  
onyonl@who.int

**You can also contact:**

**Technical counterpart:**

IVANOV Ivan Dimov  
+41 22 791 5532  
ivanovi@who.int
Ref.No. [Initiator]  
SRL-9 [SEARO]

Title of the centre:
WHO Collaborating Centre for Public Health Workforce Development

Director / Head:
Dr. L. T. Gamlath ltgamlath@yahoo.com

Institution:
Public Health Training, Management & Research Unit, National Institute of Health Sciences

Address:
P.O. Box: 28, Nagoda Road, KL12000, Western Province

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<tr>
<td>0094 2222264</td>
<td>0094 2226319</td>
<td><a href="http://www.nihs.gov.lk">www.nihs.gov.lk</a></td>
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Date of designation: 11 Sep 2012  
Last redesignation: 11 Sep 2012  
Expiry: 11 Sep 2016

Terms of reference:
1. To develop, monitor and evaluate training programmes targeting public health workforce for national and regional public health staff.
2. To conduct training programmes, for local and regional public health staff on
   - "ICD 10 & Health Information Management"
   - "Community Health Management"
   - "Health System Research"
   - "Orientation Courses on Public Health – for primary care staff”
3. To build advocacy for strengthening the public health workforce

Subjects:
1. Health promotion & education
2. Health systems research & development
3. Classifications of diseases

Types of activity:
1. Training and education
2. Information dissemination
3. Organization of events (e.g. conferences; summits)

WHO Outputs:
Ower: 10.1 - Management and organization of integrated, population-based health-service delivery through public and nonpublic providers and networks improved, reflecting the primary health care strategy, scaling up coverage, equity, quality and safety of personal and population-based health services, and enhancing health outcomes.
Ower: 10.8 - Health-workforce information and knowledge base strengthened, and country capacities for policy analysis, planning, implementation, information-sharing and research built up.
Ower: 10.9 - Technical support provided to Member States, with a focus on those facing severe health-workforce difficulties in order to improve the production, distribution, skill mix and retention of the health workforce.

Responsible officer: SENANAYAKE Gunasena Sunil +911143040363 senanayakes@who.int

You can also contact: KAWAR Rania K.T. +41 22 791 4603 kawarr@who.int
Ref.No. [Initiator]
THA-13 [SEARO]

Title of the centre:
WHO Collaborating Centre for Water Supply and Waste Disposal

Director / Head:
Dr Oleg V. Shipin oshipin@ait.ac.th

Institution:
Urban Environmental and Management Program, Asian Institute of Technology

Address:
P.O. Box 4, Klong Luang, 12120

Town: Pathumthani Country: THAILAND Region: SEARO
Phone: (66-2) 524 5632 Fax: (66-2) 524 5625 Web site: http://www.ait.ac.th


Terms of reference:
1. To conduct basic and applied research on health and quality impacts of community water supply, waste disposal, and air quality-related intentions and actions.
2. To work with WHO in providing technical support on issues related to water supply, sanitation and air quality in member countries.
3. To assist WHO in developing training manuals and carry out training programmes in the field of water supply, waste disposal, and air quality.
4. To organize meetings, workshops, seminars and conferences, and to disseminate technical information on relevant topics.

Subjects:
1. Water & sanitation
2. Health information; statistics; measurement & trend assessment
3. Health promotion & education

Types of activity:
1. Research
2. Training and education
3. Organization of events (e.g. conferences; summits)

WHO Outputs:
Ower: 5.2 - Norms and standards developed and capacity built to enable Member States to provide timely response to disasters associated with natural hazards and conflict-related crises.

Responsible officer: PAYDEN Phone: +977 15523993 Email: payden@who.int

You can also contact: Email:

Technical counterpart: GORDON Bruce Allan Phone: +41 22 791 2728 Email: gordonb@who.int
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<th>Ref.No. [Initiator]</th>
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<th>Title of the centre:</th>
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<tbody>
<tr>
<td>WHO Collaborating Centre for Occupational Health</td>
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<tr>
<th>Director / Head:</th>
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<tbody>
<tr>
<td>Dr Preecha Prempree <a href="mailto:prempree@hotmail.com">prempree@hotmail.com</a></td>
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<tr>
<th>Institution:</th>
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<tbody>
<tr>
<td>Bureau of Occupational and Environmental Diseases, Department of Disease Control Ministry of Public Health</td>
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<th>Address:</th>
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<td>88/22 Tiwanond Road 11000</td>
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<td>Nonthaburi</td>
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<td>(66-2) 591 8173</td>
<td>(66-2) 590 4388</td>
<td><a href="http://occ.ddc.moph.go.th">http://occ.ddc.moph.go.th</a></td>
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<th>Date of designation:</th>
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<tr>
<td>01 Dec 1972</td>
<td>15 Jun 2013</td>
<td>15 Jun 2017</td>
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<th>Terms of reference:</th>
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<tbody>
<tr>
<td>1. To promote the implementation of the global plan of action on workers’ health 2008 – 2017 by developing and implementing occupational health initiatives and partnerships.</td>
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<td>3. To develop guidance for the creation and implementation of healthy, safe and happy workplaces</td>
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<thead>
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<th>Subjects:</th>
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<td>1. Occupational health</td>
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<tr>
<th>Types of activity:</th>
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<tbody>
<tr>
<td>1. Collection and collation of information</td>
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<td>2. Research</td>
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<th>WHO Outputs:</th>
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<tr>
<td>Ower: 8.3 - Technical assistance and support provided to Member States for strengthening national occupational and environmental health risk management systems, functions and services.</td>
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<tr>
<th>Responsible officer:</th>
<th>Phone:</th>
<th>Email:</th>
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<tbody>
<tr>
<td>ONYON Lesley Jayne</td>
<td>+911123309450</td>
<td><a href="mailto:onyonl@who.int">onyonl@who.int</a></td>
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<tr>
<th>You can also contact:</th>
<th>Email:</th>
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<tr>
<th>Technical counterpart:</th>
<th>Phone:</th>
<th>Email:</th>
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<tr>
<td>IVANOV Ivan Dimov</td>
<td>+41 22 791 5532</td>
<td><a href="mailto:ivanovi@who.int">ivanovi@who.int</a></td>
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</tbody>
</table>
Ref.No. [Initiator]
THA-17 [Headquarters]

Title of the centre:
WHO Collaborating Centre for Secondary Standard Radiation Dosimetry

Director / Head:
Mr Siri SRIMANOROTH  siri.s@dmsc.mail.go.th

Institution:
Department of Medical Sciences, Division of Radiation and Medical Devices
Ministry of Public Health

Address:
88/7 Tiwanond Road, 11000

Town: Nonthaburi  Country: THAILAND  Region: SEARO

Phone: (66-2) 223 9595 / 223 4674  Fax: (66-2) 951 1028  Web site: http://www.dmsc.moph.go.th/

Date of designation: 01 Jan 1973  Last redesignation: 22 Sep 2015  Expiry: 22 Sep 2019

Terms of reference:
1. To provide a postal dosimetry intercomparison service for radiotherapy centres in cooperation with IAEA/WHO Global Programme
2. To maintain and apply secondary standard radiation dosimeters for calibration of radiation measurement instruments used for clinical dosimetry and radiation protection
3. To provide technical support on radiation dosimetry in clinical work and radiation protection; where needed
4. To develop a training programme and organize training activities on quality control for dosimetry laboratories and patient dose estimation

Subjects:
1. Radiation

Types of activity:
1. Development and application of appropriate technology
2. Providing technical advise to WHO
3. Training and education

WHO Outputs:
3.5.1 - Country capacity strengthened to assess health risks, develop and implement policies, strategies or regulations for the prevention, mitigation and management of the health impacts of environmental risks
Ower: 11.2 - International norms, standards and guidelines for the quality, safety, efficacy and cost effective use of medical products and technologies developed and their national and/or regional implementation advocated and supported.

Responsible officer:
PEREZ Maria Del Rosario  Phone: +41 22 791 5027  Email: perezm@who.int

You can also contact:

Technical counterpart:
ONYON Lesley Jayne  Phone: +911123309450  Email: onyoni@who.int
WHO Collaborating Centre for Research in Human Reproduction

Director / Head:
Prof. Sompop LIMPONGSANURAK  whochula@hotmail.com

Institution:
Department of Obstetrics & Gynaecology, Chulalongkorn Hospital & Medical School, Chulalongkorn University

Address:
Rama IV Road, 10330

Town: Bangkok  Country: THAILAND  Region: SEARO

Phone: (66-2) 256 4288 / 251 9933  Fax: (66-2) 251 9933  Web site: http://www.md.chula.ac.th


Terms of reference:
1. To conduct collaborative research with WHO, specifically with the Special Programme of Research, Development & Research Training in Human.
2. To conduct research capacity-building activities in the area of reproductive health aimed at national and non-national participants in line with WHO/RHR’s vision for this area.
3. To support the introduction into national programmes WHO guidance related to reproductive health and facilitate the formulation and implementation of national reproductive health policies based on scientific research.
4. To organize training programmes in the area of reproductive health for health personnel, scientists, researchers locally & internationally.
5. To provide temporary advisers to the Special Programme of Research, Development & Research Training in Human Reproduction & to other national & international organizations in the network of Collaborating Centre for Research in Human Reproduction.

Subjects:
1. Reproductive health (excluding HIV/AIDS)

Types of activity:
1. Information dissemination
2. Provision of reference substances and other services
3. Training and education

WHO Outputs:
Ower: 4.2 - National research capacity strengthened as necessary and new evidence, products, technologies, interventions and delivery approaches of global and/or national relevance available to improve maternal, newborn, child and adolescent health, to promote active and healthy ageing, and to improve sexual and reproductive health.

Ower: 4.7 - Guidelines, approaches and tools made available, with provision of technical support to Member States for accelerated action towards implementing the strategy to accelerate progress towards the attainment of international development goals and targets related to reproductive health, with particular emphasis on ensuring equitable access to good-quality sexual and reproductive health services, particularly in areas of unmet need, and with respect for human rights as they relate to sexual and reproductive health.

Responsible officer:
RAINA Neena  +911143040361  rainan@who.int

You can also contact:

Technical counterpart:
GULMEZOGLU Ahmet Metin  +41 22 791 3417  gulmezoglum@who.int
Ref.No. [Initiator]
THA-25 [SEARO]

Title of the centre:
WHO Collaborating Centre for Quality Assurance of Essential Drugs

Director / Head:
Mrs Witinee Kongsuk  witinee.t@dmsc.mail.go.th

Institution:
Department of Medical Sciences, Bureau of Drug and Narcotic, Ministry of Public Health

Address:
Tiwanond Road, 11000

Town: Nonthaburi  Country: THAILAND  Region: SEARO

Phone: 00-662-580 4074  Fax: 00-662-580 5733  Web site: http://www.dmsc.moph.go.th


Terms of reference:
1. Verification of new test methods in the development and review of monographs on essential medicines for The International Pharmacopoeia.
2. Performance of drug quality control testing of medicines from SEAR Member countries and other countries in Mekong Region.
4. Training (through WHO training programs) of staff from national Drug Regulatory Authorities in the SEAR and WPRO Member countries.
5. Support of the WHO External Quality Assurance Assessment Scheme (EQAAS) for pharmaceutical quality control laboratories of SEAR and other member countries by performing feasibility studies on specific tests or measurements.

Subjects:
1. Pharmaceuticals (including essential drugs and medicines)

Types of activity:
1. Product development (guidelines; manual; methodologies; etc.)
2. Research
3. Standardization of terminology and nomenclature

WHO Outputs:
Ower: 11.2 - International norms, standards and guidelines for the quality, safety, efficacy and cost effective use of medical products and technologies developed and their national and/or regional implementation advocated and supported.

Responsible officer: HOLLOWAY Kathleen Anne  Phone: +91 11 43040314  Email: hollowayk@who.int

You can also contact: Email:

Technical counterpart: KOPP Sabine  Phone: +41 22 791 3636  Email: kopps@who.int
**Ref.No. [Initiator]**
THA-26 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Primary Health Care Development

**Director / Head:**
Prof Dr. Supa Pengpid
directad@mahidol.ac.th
Ms. Orawan Quansri
orawan.qua@mahidol.ac.th

**Institution:**
ASEAN Institute for Health Development, Mahidol University

**Address:**
25/25 Phutthamonthon 4 Rd. Salaya, Phutthamonthon District, 73170, Nakhon Pathom

**Town:** Nakhon Pathom  
**Country:** THAILAND  
**Region:** SEARO

**Phone:** (66-2) 441 9040-3  
**Fax:** (66-2) 441 9044  
**Web site:** http://www.aihd.mahidol.ac.th

**Date of designation:** 20 May 1986  
**Last redesignation:** 03 Feb 2013  
**Expiry:** 03 Feb 2017

**Terms of reference:**
1. To assist WHO to cost-effectively manage the updated knowledge-based information in international Health and PHC development
2. To participate and initiate and engage in collaborative research for PHC development under WHO leadership
3. To support WHO for capacity building on PHC development in the region and beyond

**Subjects:**
1. Health promotion & education
2. Health equity

**Types of activity:**
1. Training and education
2. Research
3. Training and education

**WHO Outputs:**
Ower: 10.1 - Management and organization of integrated, population-based health-service delivery through public and nonpublic providers and networks improved, reflecting the primary health care strategy, scaling up coverage, equity, quality and safety of personal and population-based health services, and enhancing health outcomes.

Ower: 10.12 - Steps taken to advocate additional funds for health where necessary; to build capacity in framing of health-financing policy and interpretation and use of financial information; and to stimulate the generation and translation of knowledge to support policy development.

**Responsible officer:**
SENANAYAKE Gunasena Sunil  
**Phone:** +911143040363  
**Email:** senanayakes@who.int

**You can also contact:**
**Email:**

**Technical counterpart:**
KAWAR Rania K.T.  
**Phone:** +41 22 791 4603  
**Email:** kawarr@who.int
**Ref.No. [Initiator]**

**THA-29 [Headquarters]**

**Title of the centre:**

WHO Collaborating Centre for Research on Rabies Pathogenesis and Prevention

**Director / Head:**

Prof Visith Sitprija visithstprj@yahoo.com
Pakmanee Narumol npakmanee@yahoo.com

**Institution:**

Queen Saovabha Memorial Institute, Thai Red Cross Society

**Address:**

1871 Rama IV Road. 10330

**Town:**

Bangkok

**Country:**

THAILAND

**Region:**

SEARO

**Phone:**

(66-2) 252 0161-4

**Fax:**

(66-2) 254 0212

**Web site:**

http://www.redcross.or.th

**Date of designation:**

01 Apr 1990

**Last redesignation:**

06 Jan 2015

**Expiry:**

06 Jan 2019

**Terms of reference:**

1. To conduct basic research on various aspects of rabies as applied to prevention & control of rabies.
2. To undertake clinical studies on rabies vaccines to enhance their immunogenicity & cost-effectiveness.
3. To refine production technologies for rabies immunoglobulins to improve their safety & efficacy.
4. To support & facilitate implementation of WHO Regional Rabies Control Programme including training & information exchange activities.

**Subjects:**

1. Rabies

**Types of activity:**

1. Research
2. Implementation of WHO programmes and activities at country level
3. Development and application of appropriate technology

**WHO Outputs:**

1.4.2 - Implementation and monitoring of neglected tropical disease control interventions facilitated by evidence-based technical guidelines and technical support

1.4.3 - New knowledge, solutions and implementation strategies that respond to the health needs of disease-endemic countries developed through strengthened research and training

**Responsible officer:**

ABELA-RIDDER Bernadette +41 22 791 2072 abelab@who.int

**You can also contact:**

GONGAL Gyanendra +911123370804 gongalg@who.int
### WHO Collaborating Centre for Nursing and Midwifery Development

**Title of the centre:**

WHO Collaborating Centre for Nursing and Midwifery Development

**Director / Head:**

Dr Yajai Sitthimongkol  
yajai.sit@mahidol.ac.th

**Institution:**

Faculty of Nursing, Mahidol University

**Address:**

2 Prannok Road, Bangkoknoi, 10700

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<tr>
<td>(66-2) 419 7466-80 ext 1201-2</td>
<td>(66-2) 412 8415</td>
<td><a href="http://www.ns.mahidol.ac.th">http://www.ns.mahidol.ac.th</a></td>
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**Date of designation:** 25 Sep 1996  
**Last redesignation:** 03 Jul 2014  
**Expiry:** 03 Jul 2018

**Terms of reference:**

1. To serve as a training center in nursing specialties and midwifery.
2. To promote and facilitate evidence-based and research development in nursing and midwifery.
3. To promote and support a partnership collaboration in nursing and midwifery education, research, and practice.

**Subjects:**

1. Nursing

**Types of activity:**

1. Training and education
2. Information dissemination
3. Research

**WHO Outputs:**

4.2.1 - Policy options, tools and technical support to countries for equitable people-centred integrated service delivery and strengthening of public health approaches

4.2.2 - Countries enabled to plan and implement strategies that are in line with WHO’s global strategy on human resources for health and the WHO Global Code of Practice on the International Recruitment of Health Personnel

**Responsible officer:**

SUCHAXAYA Prakin  
+91 1143040301  
suchaxayap@who.int

**You can also contact:**

NKOWANE Annette Mwansa  
+41 22 791 4314  
kowanemwansa@who.int
### WHO Collaborating Centre for Nursing and Midwifery Development

**Title of the centre:**

WHO Collaborating Centre for Nursing and Midwifery Development

**Director / Head:**

Dr Jariya Wittayasoooporn  
[Email](mailto:jariya.wit@mahidol.ac.th)

**Institution:**

Ramathibodi School of Nursing, Mahidol University

**Address:**

270 Rama VI Road, 10400

**Town:** Bangkok  
**Country:** THAILAND  
**Region:** SEARO

**Phone:** (66-2) 2011277  
**Fax:** (66-2) 2012858  
**Website:** [http://nursing.mahidol.ac.th/](http://nursing.mahidol.ac.th/)

**Date of designation:** 25 Sep 1996  
**Last redesignation:** 03 Jul 2014  
**Expiry:** 03 Jul 2018

**Terms of reference:**

1. To serve as a resource center for training of nurses and midwives on advanced nursing/midwifery or functional specialties in education and administration
2. To serve as a resource center for research development and innovations in nursing and midwifery with the focus on prevention and management of chronic conditions including acute exacerbation period
3. To strengthen quality of nursing service in support of health systems strengthening
4. To promote and support partnership and collaboration among nursing and midwifery institutions/organizations at the national, regional and international levels
5. To scale up and strengthen faculty members/teachers in nursing and midwifery educational institutions

**Subjects:**

1. Nursing

**Types of activity:**

1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Information dissemination

**WHO Outputs:**

4.2.1 - Policy options, tools and technical support to countries for equitable people-centred integrated service delivery and strengthening of public health approaches
4.2.2 - Countries enabled to plan and implement strategies that are in line with WHO’s global strategy on human resources for health and the WHO Global Code of Practice on the International Recruitment of Health Personnel

**Responsible officer:** SUCHAXAYA Prakin  
[Email](mailto:suchaxayap@who.int)

**Technical counterpart:** NKOWANE Annette Mwansa  
[Email](mailto:nkowanemwansa@who.int)
Ref.No. [Initiator]
THA-38 [Headquarters]

Title of the centre:
WHO Collaborating Centre for Case Management of Severe Dengue

Director / Head:
Professor Warunee Punpanich Vandepitie waruneep@gmail.com
Professor Siraporn Sawasdivorn sirapornbellagio@gmail.com

Institution:
Children's Hospital, Queen Sirikiti's National Institute of Child Health

Address:
420/8 Rajavithi Road, 10400

Town: Bangkok
Country: THAILAND
Region: SEARO

Phone: (66-2) 354 8333 ext 3904
Fax: (66-2) 354 8434
Web site: http://www.childrenhospital.go.th/main2/

Date of designation: 16 Apr 1997
Last redesignation: 16 Jun 2015
Expiry: 16 Jun 2019

Terms of reference:
1. To provide technical advice and support on request by WHO for case management of Dengue/DHF/ to strengthen, prevention and control at the national, regional and global levels.
2. To collaborate with WHO and other Organizations for international training and capacity building on case management of Severe Dengue/DHF/DSS.
3. Initiate and/or conduct relevant clinical research on dengue infection
4. To provide technical advice and support on request by WHO for epidemic preparedness and response of Dengue.

Subjects:
1. Communicable diseases other than those specifically mentioned
2. Emergency & humanitarian action

Types of activity:
1. Outbreaks and emergencies
2. Training and education
3. Research

WHO Outputs:
Ower: 1.7 - Member States and the international community equipped to detect, assess, respond to and cope with major epidemic and pandemic-prone diseases (e.g. influenza, meningitis, yellow fever, haemorrhagic fevers, plague and smallpox) through the development and implementation of tools, methodologies, practices, networks and partnerships for prevention, detection, preparedness and intervention.
Ower: 1.8 - Regional and global capacity coordinated and made rapidly available to Member States for detection, verification, risk assessment and response to epidemics and other public health emergencies of international concern.
Ower: 1.9 - Effective operations and response by Member States and the international community to declared emergencies situations due to epidemic and pandemic prone diseases.

Responsible officer:
VELAYUDHAN Raman +41 22 791 1868 VelayudhanR@who.int

You can also contact:

Technical counterpart:
JAMSHEED Mohamed +911123309194 jamsheedm@who.int
Ref.No. [Initiator]  
THA-40 [SEARO]  

Title of the centre:  
WHO Collaborating Centre for Venomous Snake Toxicology and Research  

Director / Head:  
Prof Visith SITPRIJA  
visithstprj@yahoo.com  

Institution:  
Queen Saovabha Memorial Institute, Thai Red Cross Society  

Address:  
1871 Rama IV Road  Patumwan, 10330  
Bangkok THAILAND  

Town:  
Country:  
Region:  

Bangkok  
THAILAND  
SEARO  

Phone:  
Fax:  
Web site:  
(66-2) 252 0161-4  
(66-2) 254 0212  
http://www.redcross.or.th/  

Date of designation:  
Last redesignation:  
Expiry:  
29 Aug 2002  
16 Feb 2015  
16 Feb 2019  

Terms of reference:  
1. To assist WHO in making available referral services for supply of standard snake venom, antivenom and characterization of snakes and their venom.  
2. To contribute to WHO’s work in strengthening snake bite management services  
3. To work with WHO in providing technical guidance on production of quality antivenom  
4. To contribute to WHO’s work in undertaking basic research on snakes and snake venom for application in improved diagnosis and management of snake bites  
5. On request of WHO to impart training to nationals on various aspects of biology, toxicology and antivenom production  

Subjects:  
1. Biological  
2. Health Technology (including laboratory services; but excluding blood safety)  

Types of activity:  
1. Standardization of terminology and nomenclature  
2. Research  
3. Training and education  

WHO Outputs:  
1.4.2 - Implementation and monitoring of neglected tropical disease control interventions facilitated by evidence-based technical guidelines and technical support  

Responsible officer:  
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Email:  
SHAH Aparna Singh  
+911123370804  
shahap@who.int  

You can also contact:  
Email:  

Technical counterpart:  
Phone:  
Email:  
NUEBLING Claudius Micha  
+41 22 791 3106  
nueblingc@who.int
**Ref.No. [Initiator]**
THA-41 [SEARO]

**Title of the centre:**
WHO Collaborating Centre for Injury Prevention and Safety Promotion

**Director / Head:**
Dr Witaya CHADBUNCHACHAI  
dr.bunchachai@gmail.com  
buncha96@yahoo.com

**Institution:**
Trauma and Critical Care Centre, Khon Kaen Regional Hospital

**Address:**
56, Srichan Road, 40000

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**Date of designation:** 21 May 2003  
**Last redesignation:** 30 Nov 2015  
**Expiry:** 30 Nov 2019

**Terms of reference:**
1. To assist Member States for the development and capacity building in injury surveillance systems
2. To develop models for pre hospital, referral and hospital trauma care and strengthen capacity of planners and care givers in comprehensive trauma care
3. To conduct and share collaborative research studies on trauma care, safety promotion and road traffic injury prevention
4. To coordinate national and international activities on injury prevention and safety promotion.

**Subjects:**
1. Injuries; violence & accident prevention
2. Health promotion & education

**Types of activity:**
1. Research
2. Collection and collation of information
3. Development and application of appropriate technology

**WHO Outputs:**
Ower: 3.2 - Guidance and support provided to Member States for the development and implementation of policies, strategies and regulations in respect of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.3 - Improvements made in Member States’ capacity to collect, analyse, disseminate and use data on the magnitude, causes and consequences of chronic noncommunicable diseases, mental and neurological disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Ower: 3.5 - Guidance and support provided to Member States for the preparation and implementation of multisectoral, population-wide programmes to promote mental health and to prevent mental and behavioural disorders, violence and injuries, together with hearing and visual impairment, including blindness.

**Responsible officer:**
NAYAR Patanjali Dev  
+911143040418  
nayarp@who.int

**You can also contact:**
Email:

**Technical counterpart:**
KRUG Etienne G.G.  
13535/12881  
kruge@who.int
Ref.No. [Initiator]  
THA-43 [SEARO]

Title of the centre:  
WHO Collaborating Centre for Nursing and Midwifery Development

Director / Head:  
Dr Wipada Kunaviktikul  
wipada.ku@cmu.ac.th  
Phanida Juntasopeepun  
phanida.j@cmu.ac.th

Institution:  
Faculty of Nursing, Chiang Mai University

Address:  
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Town:  
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Country:  
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Region:  
SEARO

Phone:  
(66-53) 945 011 / 945 012  
Fax:  
(66-53) 217 145  
Web site:  
http://www.nurse.cmu.ac.th/web2013/

Date of designation:  
05 Sep 2003  
Last redesignation:  
28 Sep 2015  
Expiry:  
28 Sep 2019

Terms of reference:  
1. Serve as a resource centre for nursing policy formulation, planning, administration, management and nursing outcomes.
2. Build capacity of nurses and midwives in systematic reviews and evidence based practice guidelines and disseminate the products at the national, regional and international levels.
3. Develop capacity of nurses and midwives in the areas of education and service.
4. Conduct meeting and/or develop documents related to maternal, newborn and child health nursing, midwifery, infection control or healthy ageing.

Subjects:  
1. Nursing

Types of activity:  
1. Training and education
2. Information dissemination
3. Product development (guidelines; manual; methodologies; etc.)

WHO Outputs:  
Ower: 10.8 - Health-workforce information and knowledge base strengthened, and country capacities for policy analysis, planning, implementation, information-sharing and research built up.
Ower: 10.9 - Technical support provided to Member States, with a focus on those facing severe health-workforce difficulties in order to improve the production, distribution, skill mix and retention of the health workforce.
Ower: 4.3 - Guidelines, approaches and tools for improving maternal care applied at the country level, including technical support provided to Member States for intensified action to ensure skilled care for every pregnant woman and every newborn, through childbirth and the postpartum and postnatal periods, particularly for poor and disadvantaged populations, with progress monitored.

Responsible officer:  
SUCHAXAYA Prakin  
Phone:  
+911143040301  
Email:  
suchaxayap@who.int

You can also contact:  
Email:  

Technical counterpart:  
NKOWANE Annette Mwansa  
Phone:  
+41 22 791 4314  
Email:  
kowanemwansa@who.int
Ref.No. [Initiator]
THA-44 [SEARO]

Title of the centre:
WHO Collaborating Centre for Training in Blood Transfusion Medicine

Director / Head:
Dr Soisaang Phikulsod drsoi195@yahoo.com

Institution:
National Blood Center, Thai Red Cross Society

Address:
1871 Henri Dunant Road, Pathumwan, 10330

Town: Bangkok
Country: THAILAND
Region: SEARO

Phone: (66-2) 251 3111 / 252 4106-9 / 2639600-99
Fax: (66-2) 255 5558
Web site: http://www.redcross.or.th

Date of designation: 04 Jun 2004
Last redesignation: 11 Jul 2012
Expiry: 11 Jul 2016

Terms of reference:
1. To assist WHO in revising existing training curriculum and teaching material for various areas of Blood Transfusion Services and in developing additional training programmes
2. To contribute to WHO’s work in building national capacity in blood transfusion services by organizing structured training courses for WHO fellows in blood transfusion services and quality system and providing them post-training technical support.
3. To work with WHO in providing technical support and facilitating on-site training courses in Member States.
4. To disseminate WHO training and related material on blood transfusion services.

Subjects:
1. Blood Transfusion Safety and Blood Products
2. Health Technology (including laboratory services; but excluding blood safety)

Types of activity:
1. Training and education
2. Provision of reference substances and other services
3. Product development (guidelines; manual; methodologies; etc.)

WHO Outputs:
Ower: 11.1 - Formulation and monitoring of comprehensive national policies on access, quality and use of essential medical products and technologies advocated and supported.

Responsible officer: SHAH Aparna Singh +911123370804 shahap@who.int

You can also contact: YU Junping +41 22 791 2607 yuj@who.int

Technical counterpart: SHAH Aparna Singh +911123370804 shahap@who.int

You can also contact: YU Junping +41 22 791 2607 yuj@who.int
**Ref.No. [Initiator]**

**THA-45 [SEARO]**  
**Title of the centre:**

**WHO Collaborating Centre for Diagnostic Reference, Training and Investigation of Emerging Infectious Diseases**  
**Director / Head:**

- Major General Prasong LOMTONG  
  plomtong@gmail.com  
- Colonel Julia LYNCH  
  Julia.Lynch@afirms.org  

**Institution:**

Armed Forces Research Institute of Medical Sciences (AFRIMS)  
**Address:**

315/6 Rajvithi Road, 10400  
**Town:** Bangkok  
**Country:** THAILAND  
**Region:** SEARO  
**Phone:** (66-2) 644 4888  
**Fax:** (66-2) 354 7873  
**Web site:** http://www.afrims.org  
**Date of designation:** 04 Jul 2005  
**Last redesignation:** 07 Aug 2013  
**Expiry:** 07 Aug 2017  

**Terms of reference:**

1. To support Member countries in outbreak investigation, disease detection and response activities (including laboratory diagnostics) to strengthen the global outbreak alert and response network (GOARN) in coordination with WHO.
2. To disseminate findings of emerging & re-emerging disease research & laboratory diagnostics for the benefit of regional health surveillance activities.
3. To encourage alliances & greater mobilization of country level diagnostics & prevention activities through partnerships with other WHO collaborating centers and Host nations’ ministries of health.

**Subjects:**

1. Communicable diseases other than those specifically mentioned  
2. Bacterial diseases other than those specifically mentioned  
3. Respiratory Infections

**Types of activity:**

1. Outbreaks and emergencies  
2. Collection and collation of information  
3. Provision of reference substances and other services

**WHO Outputs:**

Ower: 1.4 - Policy and technical support provided to Member States in order to enhance their capacity to carry out surveillance and monitoring of all communicable diseases of public health importance.
Ower: 1.5 - New knowledge, intervention tools and strategies that meet priority needs for the prevention and control of communicable diseases developed and validated, with scientists from developing countries increasingly taking the lead in this research.
Ower: 1.7 - Member States and the international community equipped to detect, assess, respond to and cope with major epidemic and pandemic-prone diseases (e.g. influenza, meningitis, yellow fever, haemorrhagic fevers, plague and smallpox) through the development and implementation of tools, methodologies, practices, networks and partnerships for prevention, detection, preparedness and intervention.

**Responsible officer:**

- **GONGAL Gyanendra**  
  +911123370804  
  gongalg@who.int

**You can also contact:**

- **FORMENTY Pierre B.H.**  
  +41 22 791 2550  
  formentyp@who.int
Ref.No. [Initiator]
THA-47 [SEARO]

Title of the centre:
WHO Collaborating Centre for Capacity Building and Research in Environmental Health Science and Toxicology

Director / Head:
Professor Dr. Her Royal Highness Princess Chulabhorn MAHIDOL
Associate Professor Dr. Mathuros RUCHIRAWAT

Institution:
International Centre for Environmental Health and Toxicology (ICEHT), Chulabhorn Research Institute

Address:
54 Kamphaeng Phet 6, Talat Bang Khen, Lak Si, 10210

Town: Country: Region:
Bangkok THAILAND SEARO

Phone: Fax: Web site:
(66-2) 553 8535 (66-2) 553 8536 http://www.cri.or.th/

Date of designation: Last redesignation: Expiry:
01 Dec 2005 07 Jan 2014 07 Jan 2018

Terms of reference:
1. To promote and assist capacity building activities and awareness in Environmental/Occupational Health, Toxicology, and Risk Assessment
2. To promote and conduct collaborative research in Environmental Health Science, particularly as it relates to emerging national and international problems and in vulnerable groups such as children
3. To establish and maintain linkages with relevant centers, particularly in the South-East Asia and Western Pacific regions of WHO
4. To act as a regional centre for training in chemical safety

Subjects:
1. Environmental health and hazards other than those specifically mentioned
2. Chemical safety
3. Cancer

Types of activity:
1. Coordination of activities carried out by several institutions (e.g. other WHO collaborating centres)
2. Collection and collation of information
3. Training and education

WHO Outputs:
Ower: 8.1 - Evidence-based assessments made, and norms and standards formulated and updated on major environmental hazards to health (e.g., poor air quality, chemical substances, electromagnetic fields, radon, poor-quality drinking-water and waste-water reuse)
Ower: 8.5 - Health-sector leadership enhanced for creating a healthier environment and changing policies in all sectors so as to tackle the root causes of environmental threats to health, through means such as responding to emerging and re-emerging consequences of development on environmental health and altered patterns of consumption and production and to the damaging effect of evolving technologies.
Ower: 8.4 - Guidance, tools and initiatives created in order to support the health sector in influencing policies in other sectors to allow policies that improve health, the environment and safety to be identified and adopted.

Responsible officer:
ONYON Lesley Jayne +911123309450 onyonl@who.int

You can also contact:

Technical counterpart:
VICKERS Carolyn +41 22 791 1286 vickersc@who.int
Ref.No. [Initiator]
THA-48 [SEARO]

Title of the centre:
WHO Collaborating Centre for Training in Medical Rehabilitation and Prosthetics - Orthotics

Director / Head:
Dr Piyavit SORACHAIMETHA snmrc@health.moph.go.th

Institution:
Prosthetics and Orthotics Unit, Sirindhorn National Medical Rehabilitation Centre

Address:
Soi Bamrasnaradura, Tiwanond Road, Amphur Muang, 11000

Town: Country: Region:
Nonthaburi THAILAND SEARO

Phone: Fax: Web site:
(66-2) 591 4242 Ext. 6715 (66-2) 591 4242 Extn. 6720 http://www.snmrc.go.th

Date of designation: Last redesignation: Expiry:
16 Jan 2006 25 Jan 2014 25 Jan 2018

Terms of reference:
1. Provide capacity building for medical rehabilitation personnel
2. Action research on CBR in Nonthaburi and central health regions

Subjects:
1. Disabilities and rehabilitation (excluding accident prevention)
2. Injuries; violence & accident prevention

Types of activity:
1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Research

WHO Outputs:
2.3.1 - Development and implementation multisectoral plans and programmes to prevent injuries, with a focus on achieving the targets set under the Decade of Action for Road Safety (2011-2020)
2.3.2 - Countries and partners enabled to develop and implement programmes and plans to prevent child injuries
2.4.1 - Implementation of the recommendations of the World report on disability and the High-level Meeting of the General Assembly on Disability and Development

Responsible officer: Phone: Email:
NAYAR Patanjali Dev +911143040418 nayarp@who.int

You can also contact: Email:
CIEZA MORENO Maria Alarcos +41 22 791 1998 ciezaa@who.int
Ref.No. [Initiator]
THA-52 [Headquarters]

Title of the centre:
WHO Collaborating Centre for the Family of International Classifications

Director / Head:
Dr. Wansa Paoin  wansa@tu.ac.th

Institution:
Ministry of Public Health, Bureau of Policy and Strategy Office of the Permanent Secretary
Thai Health Standard Coding Center

Address:
Tiwanon Road, 11000

Town: Nonthaburi  Country: THAILAND  Region: SEARO

Phone: +66 2-5901492  Fax: +66 2-9659816  Web site: http://www.thcc.or.th/


Terms of reference:
1. To contribute to development and use of the WHO family of international classifications (WHO-FIC) including the International Statistical Classification of Diseases and Health Problems (ICD), the International Classification of Functioning, Disability and Health (ICF) in Asia-Pacific region.
2. To support the work of the five committees for Implementation, Education, Update & Revision, Electronic Tools and Family Development and four reference groups for Mortality, Morbidity, Functioning & disability and for Terminology established to assist WHO in the development, testing, implementation, use, improvement, updating and revision of members of the WHO-FIC.
3. To network with current and potential users of the WHO-FIC and act as a reference center (e.g., clearinghouse for good practice guidelines and the resolution of problems) for information about the WHO-FIC and other health-related classifications, including: the availability, suitability and applicability of the classifications for different purposes coding practices availability of tools for implementation data analysis and interpretation.
4. To prepare teaching materials, organize and conduct regional training courses for regional participants and translate these materials to Thai language for local use. Translate and update ICD-10 three volumes to Thai language with Thai modifications.
5. To support the quality assurance procedures of the WHO-FIC classifications regarding norms for use, training and data collection and application rules.

Subjects:
1. Classifications of diseases
2. Health information; statistics; measurement & trend assessment

Types of activity:
1. Standardization of terminology and nomenclature
2. Training and education
3. Coordination of activities carried out by several institutions (e.g. other WHO collaborating centres)

WHO Outputs:
Ower: 10.5 - Better knowledge and evidence for health decision-making assured through consolidation and publication of existing evidence, facilitation of knowledge generation in priority areas, and global leadership in health research policy and coordination, including with regard to ethical conduct.

Responsible officer:
JAKOB Robert  +41 22 791 5877  jakobr@who.int

You can also contact:
LANDRY Mark  +63 2 528 9835  landrym@who.int
**Ref.No. [Initiator]**
THA-54 [SEARO]

**Title of the centre:**
**WHO Collaborating Centre for Research and Training in Public Health Development**

**Director / Head:**
Professor Surasak Taneepanichskul  
  ihr@chula.ac.th

Sathirakorn Pongpanich  
  cphs@chula.ac.th

**Institution:**
College of Public Health Sciences, Chulalongkorn University

**Address:**
Institute bldg 2 Fr 4-5, Soi Chulalongkorn 62, Phyathai Road, Pathumwan, 10330

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<thead>
<tr>
<th>Town:</th>
<th>Country:</th>
<th>Region:</th>
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<tbody>
<tr>
<td>Bangkok</td>
<td>THAILAND</td>
<td>SEARO</td>
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<tr>
<th>Phone:</th>
<th>Fax:</th>
<th>Web site:</th>
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<tbody>
<tr>
<td>(662)218-8152-3</td>
<td>(662)253-2395</td>
<td><a href="http://www.cph.chula.ac.th/">http://www.cph.chula.ac.th/</a></td>
</tr>
</tbody>
</table>

**Date of designation:** 05 Feb 2009  
**Last redesignation:** 05 Feb 2013  
**Expiry:** 05 Feb 2017

**Terms of reference:**
1. To assist WHO to build research capacity in public health of the countries in SEA/WPR Region
2. To work with WHO for capacity building in public health training for countries in SEA/WPR Region
3. To work with WHO in providing information (including access to reference library services) and expertise in developing and strengthening public health development in WHO SEARO/WPRO

**Subjects:**
1. Health systems research & development

**Types of activity:**
1. Training and education
2. Research

**WHO Outputs:**
Ower: 10.8 - Health-workforce information and knowledge base strengthened, and country capacities for policy analysis, planning, implementation, information-sharing and research built up.

**Responsible officer:**
PAC Tong Chol  
  +91 1123309381  
  cholp@who.int

**You can also contact:**

**Technical counterpart:**
KAWAR Rania K.T.  
  +41 22 791 4603  
  kawarr@who.int
<table>
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<tr>
<th>Ref.No. [Initiator]</th>
<th>THA-56 [SEARO]</th>
</tr>
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<tbody>
<tr>
<td>Title of the centre:</td>
<td>WHO CC on Centre for Research and Training on Gender and Women's health (CRTGWH)</td>
</tr>
<tr>
<td>Director / Head:</td>
<td>Assoc Prof Somporn Rungreangkulij <a href="mailto:somrun@kku.ac.th">somrun@kku.ac.th</a></td>
</tr>
<tr>
<td>Institution:</td>
<td>Faculty of Nursing, Centre for Research and Training on Gender and Women’s health (CRTGWH) Khon Kaen University</td>
</tr>
<tr>
<td>Address:</td>
<td>R.6341 Third Floor, Building 6, 40002, Khon Kaen</td>
</tr>
<tr>
<td>Town:</td>
<td>Muang District</td>
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<tr>
<td>Country:</td>
<td>THAILAND</td>
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<td>Phone:</td>
<td>66-43-202407</td>
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<tr>
<td>Fax:</td>
<td>66-43-348301</td>
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<tr>
<td>Web site:</td>
<td><a href="http://nu.kku.ac.th/site/CRTGWH">http://nu.kku.ac.th/site/CRTGWH</a></td>
</tr>
<tr>
<td>Date of designation:</td>
<td>11 Dec 2009</td>
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<tr>
<td>Last redesignation:</td>
<td>11 Dec 2013</td>
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<tr>
<td>Expiry:</td>
<td>11 Dec 2017</td>
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<tr>
<td>Terms of reference:</td>
<td>1. Collect, create and disseminate evidence-based information and best practice in the field of gender, violence against women and women’s health as request by WHO</td>
</tr>
<tr>
<td></td>
<td>2. Collaborate with WHO to organize training courses/meeting/conference on gender, women’s health or violence against women</td>
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<td>3. Undertake research and develop modules, tools, guides or technical papers on gender, women’s health or violence against women as request by WHO</td>
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<tr>
<td>Subjects:</td>
<td>1. Gender; Women &amp; health</td>
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<td></td>
<td>2. Research policy &amp; development</td>
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<td></td>
<td>3. Health promotion &amp; education</td>
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<td>Types of activity:</td>
<td>1. Training and education</td>
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<td>2. Research</td>
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<td></td>
<td>3. Collection and collation of information</td>
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<td>WHO Outputs:</td>
<td>Ower: 7.5 - Gender analysis and responsive actions incorporated into WHO’s normative work and support provided to Member States for formulation of gendersensitive policies and programmes</td>
</tr>
<tr>
<td></td>
<td>Ower: 7.3 - Social and economic data relevant to health collected, collated and analysed on a disaggregated basis (by sex, age, ethnicity, income, and health conditions, such as disease or disability).</td>
</tr>
<tr>
<td></td>
<td>Ower: 10.7 - Knowledge management and eHealth policies and strategies developed and implemented in order to strengthen health systems.</td>
</tr>
<tr>
<td>Responsible officer:</td>
<td>SUCHAXAYA Prakin +911143040301 <a href="mailto:suchaxayap@who.int">suchaxayap@who.int</a></td>
</tr>
<tr>
<td>You can also contact:</td>
<td></td>
</tr>
<tr>
<td>Technical counterpart:</td>
<td>MAGAR Veronica +41 22 79 14213 <a href="mailto:magarv@who.int">magarv@who.int</a></td>
</tr>
</tbody>
</table>
THA-57 [SEARO]

WHO Collaborating Center for Research and Training on Viral Zoonoses

Director / Head:
Professor Thiravat Hemachudha th-cu@usa.net; fmedthm@gmail.com

Institution:
Department of Medicine, Neurovirology Division, Faculty of Medicine, Chulalongkorn University

Address:
Rama IV road, 10330

Town: Bangkok, Country: THAILAND, Region: SEARO

Phone: + (662) 652 3122, (662) 2564000 ext. 3561, 3576
Fax: + (662) 652 3122
Web site: http://www.cueid.org/

Date of designation: 27 Oct 2008
Last redesignation: 27 Oct 2012
Expiry: 27 Oct 2016

Terms of reference:
1. To participate in research projects under WHO leadership dealing with viral zoonoses especially those causing neurological syndrome.
2. To provide technical expertise to Member countries in referral services for supporting investigation of viral zoonoses on request of WHO.
3. To conduct national and international training/workshop on viral zoonoses in collaboration with WHO and international partners.

Subjects:
1. Zoonoses
2. Viral diseases other than those specifically mentioned

Types of activity:
1. Research
2. Training and education
3. Information dissemination

WHO Outputs:
Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.
Ower: 1.5 - New knowledge, intervention tools and strategies that meet priority needs for the prevention and control of communicable diseases developed and validated, with scientists from developing countries increasingly taking the lead in this research.
Ower: 1.7 - Member States and the international community equipped to detect, assess, respond to and cope with major epidemic and pandemic-prone diseases (e.g. influenza, meningitis, yellow fever, haemorrhagic fevers, plague and smallpox) through the development and implementation of tools, methodologies, practices, networks and partnerships for prevention, detection, preparedness and intervention.

Responsible officer:
GONGAL Gyanendra +91 1123370804 gongalg@who.int

You can also contact:

Technical counterpart:
ABELA-RIDDER Beradette +41 22 791 2072 abelab@who.int
**Ref.No. [Initiator]**  
THA-60 [SEARO]

<table>
<thead>
<tr>
<th>Title of the centre:</th>
<th>WHO Collaborating Centre for Research and Training on Epidemiology</th>
</tr>
</thead>
</table>
| **Director / Head:** | Assoc. Prof. Tippawan Liabsuetrakul  
Virasakdi Chongsuvivatwong |
| **Institution:**     | Epidemiology Unit, Faculty of Medicine, Prince of Songkla University |
| **Address:**         | Kanjanawanich Road, No 15, 90110, Songkhla |
| **Town:**            | Hat Yai |
| **Country:**         | THAILAND |
| **Region:**          | SEARO |
| **Phone:**           | 66 74 451165 |
| **Fax:**             | 66 74 429754 |
| **Web site:**        | http://medipe2.psu.ac.th |
| **Date of designation:** | 26 Mar 2012 |
| **Last redesignation:** | 26 Mar 2016 |
| **Expiry:**          | 26 Mar 2020 |

| Terms of reference: | 1. Provide epidemiology training to health professionals including development of tools for research methodology and data management in collaboration with WHO. |
|---------------------| 2. Promote multi-center epidemiological studies. |

<table>
<thead>
<tr>
<th>Subjects:</th>
<th>1. Research policy &amp; development</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2. Communicable diseases other than those specifically mentioned</td>
</tr>
<tr>
<td></td>
<td>3. Reproductive health (excluding HIV/AIDS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Types of activity:</th>
<th>1. Research</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2. Training and education</td>
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<tr>
<td></td>
<td>3. Development and application of appropriate technology</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>WHO Outputs:</th>
<th>1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.</th>
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<tbody>
<tr>
<td></td>
<td>1.4 - Policy and technical support provided to Member States in order to enhance their capacity to carry out surveillance and monitoring of all communicable diseases of public health importance.</td>
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<td>10.6 - National health research for development of health systems strengthened in the context of regional and international research and engagement of civil society.</td>
</tr>
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<table>
<thead>
<tr>
<th>Responsible officer:</th>
<th>Phone:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>GONGAL Gyanendra</td>
<td>+91 1123370804</td>
<td><a href="mailto:gongalg@who.int">gongalg@who.int</a></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>You can also contact:</th>
<th>Email:</th>
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<table>
<thead>
<tr>
<th>Technical counterpart:</th>
<th>Phone:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NABETH Pierre</td>
<td>79069</td>
<td><a href="mailto:nabethp@who.int">nabethp@who.int</a></td>
</tr>
</tbody>
</table>
Ref.No. [Initiator]
THA-62 [SEARO]

Title of the centre:
WHO Collaborating Center for Oral Health Education and Research

Director / Head:
Associate Professor Passiri Nisalak  deandt@mahidol.ac.th
Associate Professor Pornrachanee Sawaengkit  dtinter@mahidol.ac.th

Institution:
Faculty of Dentistry, Mahidol University

Address:
6 Yothi Street, 10400, Phayathai, Bangkok

Town: Country: Region:
Bangkok THAILAND SEARO

Phone: Fax: Web site:
66 2200 7600 66 2200 7988 www.dt.mahidol.ac.th

Date of designation: Last redesignation: Expiry:
16 Feb 2015 16 Feb 2015 16 Feb 2019

Terms of reference:
1. To collaborate with WHO in capacity building of Oral Health workforce and promoting oral health care system.
2. To promote research and collaboration for the effective oral disease prevention with appropriated low cost technology.

Subjects:
1. Oral health
2. Oral health

Types of activity:
1. Training and education
2. Research
3. Provision of reference substances and other services

WHO Outputs:
Over: 3.6 - Guidance and support provided to Member States to improve the ability of their health and social systems to prevent and manage chronic noncommunicable diseases, mental and behavioural disorders, violence, injuries and disabilities together with visual impairment, including blindness.

Responsible officer: Phone: Email:
GARG Renu Madanlal +911123370804 gargr@who.int

You can also contact: Email:

Technical counterpart: Phone: Email:
OGAWA Hiroshi +41 22 791 1014 ogawah@who.int
**Ref.No. [Initiator]**

THA-63 [Headquarters]

<table>
<thead>
<tr>
<th>Title of the centre:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>WHO Collaborating Centre for Research Synthesis in Reproductive Health</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Director / Head:</th>
<th></th>
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<tbody>
<tr>
<td>Professor Pisake Lumbiganon <a href="mailto:pisake@kku.ac.th">pisake@kku.ac.th</a></td>
<td>Malinee Laopaiboon <a href="mailto:laopaiboonmalinee@yahoo.co.uk">laopaiboonmalinee@yahoo.co.uk</a></td>
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<tr>
<th>Institution:</th>
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<tbody>
<tr>
<td>Clinical Epidemiology Unit, Faculty of Medicine, Khon Kaen University</td>
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<th>Address:</th>
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<td>18 Apr 2011</td>
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**Terms of reference:**

1. Systematic reviews for reproductive health issues to contribute the scientific content of the WHO Reproductive Health Library and WHO guidelines.
2. Contribute to and conduct WHO research projects and secondary analyses of WHO data sets
3. Dissemination of Evidence Based Reproductive Health Information and practices for the WHO Reproductive Health Library

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<tr>
<th>Subjects:</th>
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<tbody>
<tr>
<td>1. Health information; statistics; measurement &amp; trend assessment</td>
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<td>2. Child &amp; maternal health</td>
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<tr>
<td>3. Health systems research &amp; development</td>
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</table>

**Types of activity:**

1. Collection and collation of information
2. Development and application of appropriate technology
3. Product development (guidelines; manual; methodologies; etc.)

**WHO Outputs:**

3.1.1 - Further expansion enabled of access to and quality of effective interventions from pre-pregnancy to postpartum focusing on the 24-hour period around childbirth
3.1.4 - Research undertaken, and evidence generated and synthesized to design key interventions in reproductive, maternal, newborn, child and adolescent health, and other conditions and issues linked to it

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<tr>
<th>Responsible officer:</th>
<th>Phone:</th>
<th>Email:</th>
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<tbody>
<tr>
<td>GULMEZOGLU Ahmet Metin</td>
<td>+41 22 791 3417</td>
<td><a href="mailto:gulmezoglu@who.int">gulmezoglu@who.int</a></td>
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<tr>
<th>You can also contact:</th>
<th>Email:</th>
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<tbody>
<tr>
<td>RAINA Neena</td>
<td><a href="mailto:rainan@who.int">rainan@who.int</a></td>
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You can also contact: Email:
Ref.No. [Initiator]
THA-67 [Headquarters]

Title of the centre:
WHO Collaborating Centre for Research and Control of Opisthorchiasis (Southeast Asian liver fluke disease)

Director / Head:
Dr Banchob Sripa banchob@kku.ac.th

Institution:
Tropical Disease Research Laboratory, Department of Pathology, Faculty of Medicine, Khon Kaen University

Address:
123 Mitraparp Road, 40002

Town: Khon Kaen Country: THAILAND Region: SEARO

Phone: +6643363113 Fax: +6643202024 Web site: http://www.kku.ac.th/eng/main.php


Terms of reference:
1. To assist WHO in elucidating and characterizing genetics, pathogenesis, epidemiology and transmission of Opisthorchis viverrini.
2. To assist WHO in developing appropriate diagnostic tools for the diagnosis of infection with Opisthorchis viverrini.
3. To assist WHO in scaling up the implementation of interventions against Opisthorchis viverrini and in refining current disease control strategies.

Subjects:
1. Zoonoses
2. Parasitic diseases other than those specifically mentioned
3. Cancer

Types of activity:
1. Research
2. Training and education
3. Development and application of appropriate technology

WHO Outputs:
Ower: 1.3 - Effective coordination and support provided to Member States in order to provide access for all populations to interventions for the prevention, control, elimination and eradication of neglected tropical diseases, including zoonotic diseases.

Responsible officer:
MONTRESOR Antonio +41 22 79 13322 montresora@who.int

You can also contact:

Technical counterpart:
SARKAR Swarup Kumar sarkarswa@who.int
**Ref.No. [Initiator]**
**THA-68 [SEARO]**

**Title of the centre:**
WHO Collaborating Centre for Health Economics

**Director / Head:**
Prof. Dr Siripen Supakankunti Siripen.S@Chula.ac.th

**Institution:**
Centre for Health Economics, Faculty of Economics, Chulalongkorn University, Bangkok, Thailand

**Address:**
Phyathai Road, 10330

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**Date of designation:** 28 Jan 2014
**Last redesignation:** 28 Jan 2014
**Expiry:** 28 Jan 2018

**Terms of reference:**
1. To support WHO to build capacity in countries in Health Economics for sustainable health financing to achieve Universal health Coverage
2. To participate in collaborative research in Health Economics to generate robust evidence to inform policy and system for Universal health Coverage under WHO leadership
3. To work with WHO to facilitate and exchange of information and experience in the area of Health Economics at the national and regional levels

**Subjects:**
1. Health systems research & development
2. Research policy & development
3. Health systems research & development

**Types of activity:**
1. Training and education
2. Research
3. Information dissemination

**WHO Outputs:**
Ower: 10.10 - Evidence-based policy and technical support provided to Member States to improve health system financing in terms of the availability of funds, social and financial risk protection, equity, access to services and efficiency of resource use.

Ower: 10.11 - Norms, standards and measurement tools developed for tracking resources, estimating the economic consequences of illness, and the costs and effects of interventions, financial catastrophe and impoverishment, social exclusion, and their use supported and monitored.

Ower: 10.12 - Steps taken to advocate additional funds for health where necessary; to build capacity in framing of health-financing policy and interpretation and use of financial information; and to stimulate the generation and translation of knowledge to support policy development.

**Responsible officer:**
**SINGH Alaka**
**Phone:** +41 22 79 15424
**Email:** singha@who.int

**You can also contact:**
**KUTZIN Joseph Douglas**
**Phone:** +41 22 791 1271
**Email:** kutzinj@who.int
Ref.No. [Initiator]
THA-69 [SEARO]

Title of the centre:
WHO Collaborating Centre for Research in Human Reproduction

Director / Head:
Dr Sureeporn Punpuing rossarin.gra@mahidol.ac.th
Dr Rossarin Gray rossarin.gra@mahidol.ac.th

Institution:
Institute for Population & Social Research (IPSR), Mahidol University at Salaya

Address:
Salaya, 73170, Nakhon Pathom

Town: Phutthamonthon Country: THAILAND Region: SEARO

Phone: (66-2) 441-9666, 66-2-441-0201-4 Fax: (66-2) 441-9333 Web site: http://www.ipsr.mahidol.ac.th


Terms of reference:
1. To support WHO for building capacities in sexual and reproductive health research especially in the areas of social and behavioral research in the WHO South East Asia Region and beyond
2. To conduct collaborative research in sexual and reproductive health with WHO and advice other research projects in the WHO South-East Asia Region and beyond.

Subjects:
1. Reproductive health (excluding HIV/AIDS)

Types of activity:
1. Training and education
2. Research
3. Information dissemination

WHO Outputs:
Ower: 4.1 - Support provided to Member States to formulate a comprehensive policy, plan and strategy for scaling up towards universal access to effective interventions in collaboration with other programmes, paying attention to reducing gender inequality and health inequities, providing a continuum of care throughout the life course, integrating service delivery across different levels of the health system and strengthening coordination with civil society and the private sector.

Ower: 4.3 - Guidelines, approaches and tools for improving maternal care applied at the country level, including technical support provided to Member States for intensified action to ensure skilled care for every pregnant woman and every newborn, through childbirth and the postpartum and postnatal periods, particularly for poor and disadvantaged populations, with progress monitored.

Ower: 4.7 - Guidelines, approaches and tools made available, with provision of technical support to Member States for accelerated action towards implementing the strategy to accelerate progress towards the attainment of international development goals and targets related to reproductive health, with particular emphasis on ensuring equitable access to good-quality sexual and reproductive health services, particularly in areas of unmet need, and with respect for human rights as they relate to sexual and reproductive health.

Responsible officer:
RAINA Neena +911143040361 rainan@who.int

You can also contact:

Technical counterpart:
GULMEZOGLU Ahmet Metin +41 22 791 3417 gulmezoglu@who.int
**Ref.No. [Initiator]**

THA-71 [SEARO]

**Title of the centre:**

WHO Collaborating Centre for Antimicrobial Resistance Surveillance and Training

**Director / Head:**

Ms Wantana Paveenkittporn  
wantana.p@dmsc.mail.go.th

**Institution:**

Department of Medical Sciences, Miscellaneous Bacteriology Section  
Ministry of Public Health, National Institute of Health

**Address:**

Tivanond Road, 11000, Nonthaburi

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<tr>
<td>(66-2) 589 9850</td>
<td>(66-2) 591 5449</td>
<td><a href="http://narst.dmsc.moph.go.th">http://narst.dmsc.moph.go.th</a></td>
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**Date of designation:** 01 Jun 2014  
**Last redesignation:** 01 Jun 2014  
**Expiry:** 01 Jun 2018

**Terms of reference:**

1. To assist WHO in collecting, collating, analyzing and disseminating information of antimicrobial resistance status nationally and internationally.
2. On specific request, assist WHO to provide technical assistance to Member States in establishing antimicrobial resistance surveillance.
3. To assist WHO to initiate international external quality assessment scheme for health laboratories.
4. To assist WHO to standardize the microbiological and antimicrobial testing among participating laboratories in the surveillance program and to transfer appropriate technology, educate and train lab personnel in the surveillance program.

**Subjects:**

1. Bacterial diseases other than those specifically mentioned
2. Health Technology (including laboratory services, but excluding blood safety)

**Types of activity:**

1. Collection and collation of information
2. Training and education
3. Evaluation

**WHO Outputs:**

Over: 11.2 - International norms, standards and guidelines for the quality, safety, efficacy and cost effective use of medical products and technologies developed and their national and/or regional implementation advocated and supported.

**Responsible officer:**

SHAH Apama Singh  
+911123370804  
shahap@who.int

**You can also contact:**

Email:

**Technical counterpart:**

COGNAT Sebastien Bruno Francois  
79063  
cognats@who.int
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<th>Ref.No. [Initiator]</th>
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<tr>
<td>Title of the centre:</td>
<td><strong>WHO Collaborating centre for Strengthening Quality System in Health Laboratory</strong></td>
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</table>
| Director / Head: | Mr Suthon Vongsheeree  
Suthon.v@dmsc.mail.go.th |
| Institution: | Bureau of laboratory Quality Standards  
Department of Medical Sciences, Ministry of Public Health |
| Address: | 88/7 Tiwanond Road, 11000  
Nonthabury THAILAND SEARO |
| Phone: | (66-2) 951 0000  
(66-2) 951 1270  
http://www.dmsc.moph.go.th |
| Date of designation: | 30 Apr 2014  
Last redesignation: | 30 Apr 2014  
Expiry: | 30 Apr 2018 |
| Terms of reference: | 1. To develop guideline & training material for establishing quality system in public health laboratories.  
2. To impart training to trainers on quality system in health laboratories.  
3. To act as resource centre to provide technical assistance in establishing and monitoring quality system in & accreditation of health laboratories. |
| Subjects: | 1. Health Technology (including laboratory services; but excluding blood safety) |
| Types of activity: | 1. Product development (guidelines; manual; methodologies; etc.) |
| WHO Outputs: | Ower: 1.4 - Policy and technical support provided to Member States in order to enhance their capacity to carry out surveillance and monitoring of all communicable diseases of public health importance.  
Ower: 11.1 - Formulation and monitoring of comprehensive national policies on access, quality and use of essential medical products and technologies advocated and supported. |
| Responsible officer: | SHAH Aparna Singh  
+911123370804  
shahap@who.int |
| You can also contact: |  |
| Technical counterpart: | COGNAT Sebastien Bruno Francois  
79063  
cognats@who.int |
Ref.No. [Initiator]
THA-73 [SEARO]

Title of the centre:
WHO Collaborating Center for Medical Education

Director / Head:
Dr Wannakrairot Pongsak pongsak.w@chula.ac.th

Institution:
Medical Education Unit, Faculty of Medicine, Chulalongkorn University

Address:
Rathdamri Road, Pathumwan, 10330

Town: Country: Region:
Bangkok THAILAND SEARO

Phone: Fax: Web site:
+(662) 252-4942, +(662) 256-4477 +(662) 256-4477 ext 140 http://www.md.chula.ac.th

Date of designation: Last redesignation: Expiry:
03 Jun 2014 03 Jun 2014 03 Jun 2018

Terms of reference:
1. To assist WHO with resources and advice on training and research programmes in Human Resources for Health Development
2. To develop and implement training programmes in health learning resources development
3. To organize & conduct activities & training in educational science for health professional teachers in the country & the South-East Asia Region
4. To collaborate with other WHO centers in introducing educational innovations for development of Human Resources for Health

Subjects:
1. Health systems research & development
2. Human resources for health (excluding Nursing)
3. Health promotion & education

Types of activity:
1. Product development (guidelines; manual; methodologies; etc.)
2. Information dissemination
3. Training and education

WHO Outputs:
4.2.1 - Policy options, tools and technical support to countries for equitable people-centred integrated service delivery and strengthening of public health approaches
4.2.2 - Countries enabled to plan and implement strategies that are in line with WHO’s global strategy on human resources for health and the WHO Global Code of Practice on the International Recruitment of Health Personnel
4.4.4 - Policy options, tools and support provided to define and promote research priorities, and to address priority ethical issues related to public health and to research for health

Responsible officer: Phone: Email:
PAK Tong Chol +911123309381 cholp@who.int

You can also contact:
Email:

Technical counterpart: Phone: Email:
WHEELER Erica +41 22 791 2529 wheelere@who.int
**Ref.No. [Initiator]**

**THA-74 [SEARO]**

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<tr>
<td>WHO Collaborating Centre for Field Epidemiology</td>
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<td>Dr Chakrarat Pittayawonganon <a href="mailto:c.pittawonganon@gmail.com">c.pittawonganon@gmail.com</a></td>
</tr>
<tr>
<td>Ms. Vanlaya Srithapranal <a href="mailto:vanlaya_kaew@yahoo.com">vanlaya_kaew@yahoo.com</a></td>
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<tr>
<td>Bureau of Epidemiology, Ministry of Public Health</td>
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<td>(66-2) 590 1733-5</td>
<td>(66-2) 591 8581</td>
<td><a href="http://www.interfetpthailand.net">http://www.interfetpthailand.net</a></td>
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**Terms of reference:**

1. To review and update training materials & course curriculum on field epidemiology to support core capacity on surveillance and response for implementation of the International Health Regulations (2005)
2. To provide health practitioners in Asian countries with skills and experience in field epidemiology to become competent leaders in public health services in cooperation with WHO and international partners.

**Subjects:**

1. Communicable diseases other than those specifically mentioned
2. Noncommunicable diseases other than those specifically mentioned
3. Environmental health and hazards other than those specifically mentioned

**Types of activity:**

1. Training and education
2. Product development (guidelines; manual; methodologies; etc.)
3. Outbreaks and emergencies

**WHO Outputs:**

5.1.1 - Countries enabled to develop core capacities required under International Health Regulations (2005)
5.2.2 - Expert guidance and systems support in place for disease control, prevention, treatment, surveillance, risk assessment and risk communications
5.3.2 - Health established as a central component of global multi-sectoral frameworks for emergency and disaster risk management; national capacities strengthened for all-hazard emergency and disaster risk management for health

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<td>GONGAL Gyanendra</td>
<td>+911123370804</td>
<td><a href="mailto:gongalg@who.int">gongalg@who.int</a></td>
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You can also contact:

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<tr>
<td>NABETH Pierre</td>
<td>79069</td>
<td><a href="mailto:nabethp@who.int">nabethp@who.int</a></td>
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**Ref.No. [Initiator]**  
THA-75 [SEARO]

**Title of the centre:**  
WHO Collaborating Centre for Training and Research on HIV/AIDS Clinical Management and Counselling

**Director / Head:**  
Dr Chariya Sangsajja csangsajja@yahoo.co.th  
Ms Chanokphan Dilokgomon dilokchanok@gmail.com

**Institution:**  
Bamrasnaradura Infectious Diseases Institute

**Address:**  
126 Tiwanond Road, Muang District, 11000, Nonthaburi

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**Terms of reference:**

1. To develop training modules and materials on clinical management of HIV/AIDS and co-infections based on updated WHO guidelines including laboratory diagnosis and monitoring of treatment with focus on vulnerable populations such as injecting drug users, men who have sex with men (MSM) and sex workers.
2. To act as a resource centre for capacity building of health care providers within Member states on clinical management of HIV/AIDS and co-infection including monitoring and evaluation.
3. To conduct operational research on expanding HIV/AIDS prevention, treatment and care in the context of concentrated epidemics with focus on injecting drug users and men who have sex with men and sex workers to generate contextual information and evidence for the benefit of member states.

**Subjects:**

1. HIV/AIDS

**Types of activity:**

1. Research
2. Training and education

**WHO Outputs:**

1.1.1 - Implementation and monitoring of the global health sector strategy on HIV/AIDS 2011-2015 through policy dialogue and technical support at global, regional and national level.
1.1.2 - Adaptation and implementation of most up-to-date norms and standards in preventing and treating paediatric and adult HIV infection, integrating HIV and other health programmes, and reducing inequities.

**Responsible officer:**

PENDSE Razia Narayan  
+911123309632  
pendsera@who.int

**You can also contact:**

**Technical counterpart:**

DOHERTY Meg  
+41 22 791 3814  
dohertym@who.int