



G H H M

COURSE PROSPECTUS

2022 - 2023

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WHAT IS GLOBAL HEALTH & HUMANITARIAN MEDICINE COURSE?

Overview

The Global Health & Humanitarian Medicine (GHHM) course is organised by Médecins Sans Frontières (MSF). It is a part-time, blended learning course currently delivered exclusively online due to COVID-19 restrictions. This is subjected to change depending on COVID -19 situation and requirements of Royal college of Physician (RCP). The Students are expected to attend in-person Lab training at one of our Collaborating academic Institute. The last two cohorts (2020-21 & 2021-22) had their Lab Days virtually due to the ongoing COVID-19 situation.

The course is designed to equip medical doctors with medical knowledge and public health skills required to work in low and middle-income countries, including humanitarian crisis contexts. It is organised through contributions of clinicians, colleagues from academic institutions, inter-national organisations, and MSF, to provide up-to-date teaching and guidance on key areas in tropical medicine, global health, and humanitarian medicine. The GHHM also prepares students to take the Diploma in Tropical Medicine & Hygiene (DTM&H) examination organised by the UK Royal College of Physicians (RCP).

Aim

The GHHM course aims to provide affordable global access to high-quality teaching in tropical medicine, global health, and humanitarian medicine to improve patient care, organisation of health ser-



vices, and humanitarian medical interventions in low and middle-income countries.

Objective

One of this program's main objectives is to expand access to global health teaching with a strong focus on the principles, standards, and experiences with humanitarian medical interventions. In order to achieve this, we provide a hybrid teaching model—a common online platform and webinars, which provide access to expert faculty from all over the world and Parasitology training for students done at our collaborating institutions - Infectious diseases training and research center, Christian Medical College, Vellore Faculty of Health Sciences, Manipal Academy of Higher Education, Manipal, Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry (JIPMER, Puducherry), National Institute of Communicable Diseases, Johannesburg, South Africa, the London School of Hygiene and Tropical Medicine, London, UK and the University Medical Centre, Amsterdam, Netherlands.

Philosophy

We run the GHHM course through a team of experts from both MSF and academic institutions.

The course content follows the syllabus of the DTM&H Exam in line with the latest edition of the Oxford Handbook of Tropical Medicine. Still, it extends also to the programmatic organisation of health services and the principles, standards, and organisation of humanitarian medical interventions illustrated by recent operational field experiences of MSF and other humanitarian actors.

The teaching is organised through a “blended learning” approach with weekly seminars accessible via webinars. Furthermore, through our online platform, we conduct moderated clinical and programmatic group exercises, along with access to the GHHM Course Handbook, reference materials, and publications. We

acknowledge that most of our students work full-time while taking this course. Consequently, we aim to be as flexible and supportive as possible within the re-mits of the requirements of the DTM&H Exam.

Whom is the course for?

The GHHM course is designed for medical doctors who hold a medical qualification from a recognised medical school in any country and have a minimum of two years of post-internship work experience. While we welcome applications from qualified medical doctors from all countries, we prioritise applications from medical doctors who intend to or are already working in low and middle-income countries through MSF, Ministries of Health, and other health care providers and medico-humanitarian organisations.



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WHY THIS COURSE ?

Medical doctors working in low resource settings face many challenges in providing health care and organising humanitarian medical interventions. Though such exposure provides them with an immense acumen of hands-on experience, their opportunities to formal continued medical education are limited. At present, there are few available high-quality postgraduate teaching of clinical and public health programs providing the breadth and detail of a diploma or masters in tropical medicine and global health. The costs of courses that are available are often high. In addition, due to the increased workload, most doctors are engaged in the field, limiting their access to full-time

postgraduate education. Further, most of the countries are in the stage of epidemiologic transition where the morbidity of tropical diseases is compounded by the increasing burden of non-communicable diseases, which needs training tailored to the unique challenges faced by the medical personnel. As a solution to this quandary, MSF collaborates with academic institutions to create a blended learning course in global health through online teaching with a strong focus on the principles, standards, and experiences with humanitarian medical interventions.



COURSE INFORMATION

Course Duration

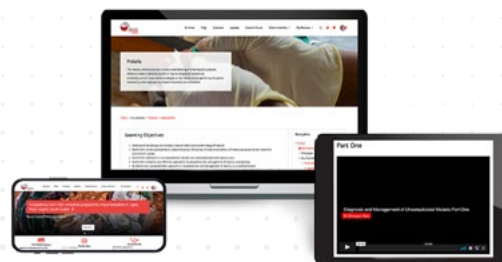
The GHHM course starts from middle of July, and the classes will run till the middle of May 2023, which is about 40 weeks of teaching. From July to May, we guide our students through key topics in tropical medicine and public health in preparation for the DTM&H examination and practice beyond the exam.

Where & How We Teach

This is a blended learning course – with a combination of weekly live seminars, online materials, and online group discussions. All students must join the weekly webinar sessions that are planned for 2 hours but might go over time depending on content to be covered. The weekly Webinar are comprised of two Lectures and a quiz. There is time for questions and answers after each talk. The speakers are experts in their fields, and we expect you to be prepared with questions and interact with them as much as possible. We record most of our seminars. If you miss a session, a recorded version will be available for catch-up within three weeks on our Online Platform.

Our key aim is to deliver high-quality medical education to a global medical audience. Online education allows us to reach individuals who would not have had the time, money, or opportunity to participate otherwise. However, we also recognize the irreplaceable components of classroom-based teaching. We aim to benefit from online and classroom methods by holding seminars delivered via vir-

tual webinars, online forums, online case discussions, and a library of e-resources. The Online Platform has weekly quizzes, a library of lectures, relevant articles, the GHHM Course Handbook, and reference materials and is a platform for case discussions. Case discussions can be held



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with the entire teaching group, and there are small closed group online discussion group areas for the discussion of cases or topical program challenges.

The course is organised through the MSF UK office in London in collaboration with the Infectious Disease Department of the Royal Free Hospital of the Royal Free London (RFL) NHS Foundation Trust and the MSF India office in Delhi in collaboration with the Christian Medical College (CMC) Vellore, the Manipal Academy of Higher Education (MAHE) and the Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER) in Puducherry. We intend to develop new partnerships with academic partners in Thailand and West Africa.

For the DTM&H Exam, all students must attend once a 2-4 days parasitology laboratory training at one of the DTM&H accredited parasitology laboratories collaborating with the GHHM course. However, because of the COVID-19 pandemic, this laboratory training has been conducted virtually in the course year 2020-2021 and 2021-2022 via our partner organisations in India for the South Asia course and in-house by the GHHM team for the UK course. Virtual laboratory training may continue in the course year 2021-2022 and 2021-2022, depending on the COVID-19 context.

When again possible, the required in-presence parasitology laboratory training is offered at the London School of Hygiene & Tropical Medicine (LSH&TM), the University Medical Centre (UMC) Amsterdam, the National Institute of Communicable Diseases (NICD) of Johannesburg, the Wellcome Trust Laboratory of CMC Vellore and the microbiology departments of KMC Manipal and JIPMER in Puducherry. The London-based course (GHHM UK) is available to medical doctors in Africa, Middle East, Europe, and the Americas. The Delhi-based course (GHHM South Asia) is available to medical doctors in Asia and Oceania.

Course Contributors

We collaborate with international academics, clinicians, and experts to provide you with outstanding teaching on key technical areas and programmatic aspects in global health and humanitarian medicine. You can learn more about the GHHM team members by visiting the 'Meet the GHHM Team' tab of the GHHM South Asia website :

<https://ghhmsouthasia.msfindia.in/>

Costs



We run the GHHM course with a small administrative team on a highly subsidized basis, with MSF contributing to about 50% of the program's cost; all course fees go towards covering a percentage of the costs of the course. We will provide you with an invoice and be happy to issue letters to support funding applications (e.g., from study budgets).

GHHM Course Fee

Based on the World Bank income classification, the following amount is to be paid as a one-time fee either to MSF India or MSF UK, depending on the enrolled course site.

- £2,760 for students whose country of residence is in the European Economic Area or a High Income Country (HIC)
- £750 for students whose country of residence is in an Upper Middle Income Country (UMIC)
- £650 for students whose country of residence is in a Lower Middle Income Country (LMIC)
- £ 550 for students whose country of residence is in a Low Income Country (LIC)

The fee tiers are based on the World Bank income classification. To find out which tier you fall into, For more information, refer to

<https://datahelpdesk.worldbank.org/knowledgebase/articles/906519>

DTM&H examination fees (paid directly to the RCP) approx. £400 and this may increase in coming years. The examination is expected to be held Online in June 2023

Course Structure & Content

The course is divided into 25 topic modules. Each module will consist of online videos, weekly seminars, and online reference materials for self-directed learning. There is a weekly quiz, which is aimed to get you to read broadly around multiple topics. We organize approximately 90 hours of weekly seminars through our 40 teaching weeks. In addition, we also conduct additional teaching sessions on Saturdays and a two-day Revision Weekend closer to the DTM&H examination. All students intending to appear for the DTM&H examination need to attend parasitology laboratory training with a minimum of 12 hours of laboratory experience.

Our online component includes approximately 150-200 hours of online teaching materials covering lectures, videos, and demonstrations. Through our Online Platform, every two weeks, there will be an online group discussion activity based around clinical cases or programmatic challenges; students must participate in all the online activities. Moreover, the Online Platform also provides weekly updates on the GHHM course activities, reference materials, and updates regarding GHHM topics, with access to the weekly MSF Global Health Review, providing a

selection of published articles in peer-reviewed journals. We also expect a large amount of independent learning. We will provide comprehensive reference materials for each module.

The GHHM course is loosely based on the content of the Oxford Handbook of Tropical Medicine and covers much of the syllabus required by the DTM&H examination. For full and up to date details, please go to the RCP DTM&H homepage: <https://www.rcplondon.ac.uk/diploma-tropical-medicine-and-hygiene>

While knowing some of the minutiae may be needed for the exam, in MSF's experience, there is vital information that can make the difference between life and death or help you be a far more effective doctor or programme manager in resource-limited settings that are never taught or covered by exam-focused courses. With this in mind, we aim to allocate one-third of teaching time to putting clinical knowledge into context. We will focus on the practical aspects of humanitarian work, including clinical and programmatic challenges, through a series of interactive exercises and 'Field talks' from experienced MSF staff. We will also create opportunities to share your experiences from working in humanitarian settings with your peers.

Student Workload

The weekly seminars run from:

- 18:00-20:00 GMT every Wednesday (for the GHHM UK course), and
- 16:00 to 18:00 IST every Thursday (for the GHHM SA course)

You are required to spare approximately two hours every week for the lectures. In addition, there are weekly quizzes and fortnightly group activities that you must

complete before the given deadlines. In a usual week throughout the 10-months course year, we recommend that students commit 6- 8 hours a week, which includes the 2-hour seminars, online activity, and self-directed learning.

However, the student workload is higher when attending the minimum 12 hours parasitology laboratory training; additional teaching sessions on Saturdays (5 Hours); and two-days Revision Weekend (16 hours) in the weeks of the final preparation for the DTM&H examination. A typical week during the course would look similar to the following:

- Monday: prepare Weekly quiz in advance of the weekly seminar (Wednesday or Thursday); check the GHM online platform for materials: there will be two weekly activities: video lectures or case discussion.
- Wednesday 18:00-20:00 GMT or

Thursday 16:00-20:00 IST: webinar, Quiz answers released and discussed.

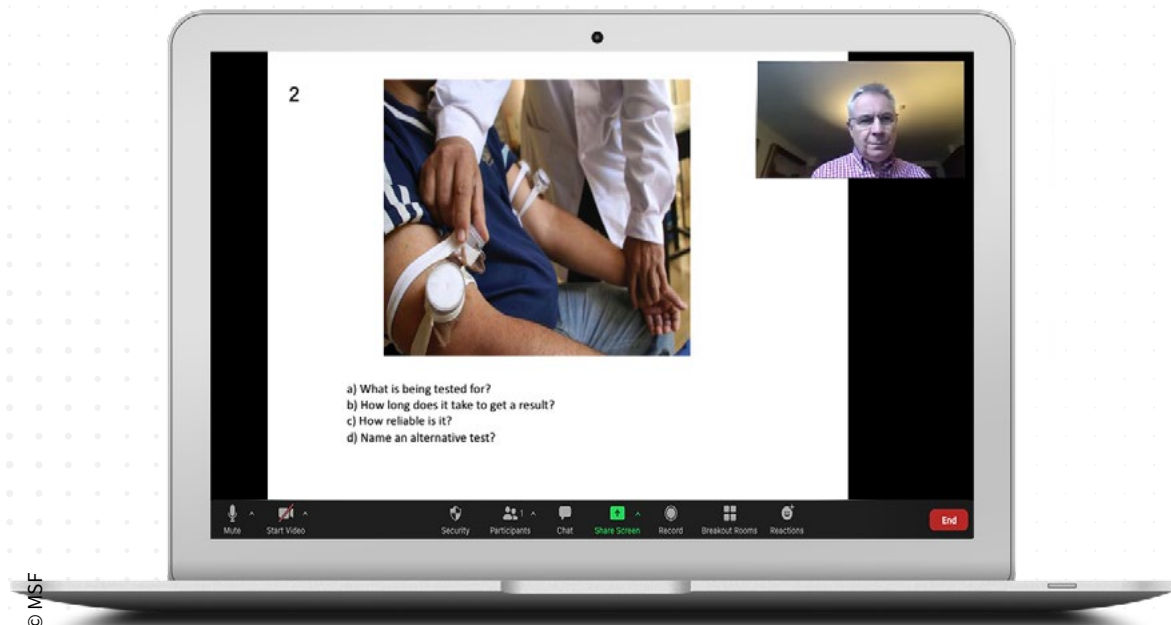
- Throughout the week: Review online materials. Video lectures will often be in 3-4 segments with a short activity between each part or extra reading material. The course's modular structure means that many of the online videos are essential viewing to help prepare for upcoming seminars.

Things To Remember

- Respond to case discussion.
- Check the news feed for interesting items relevant to the course that will extend your knowledge of how topics apply to the real world.
- Check the GHM Course Handbook for key and additional readings.

Attendance

The minimum requirement for the course



completion is:

1. 70% attendance in the weekly webinars.
2. Contribution to 70% of the online group activities
3. Completion of Mock Exam (held in December)
4. Participation in the 12 hours of basic microscopy and parasitology training

We understand that you have existing work commitments and if you foresee yourself struggling to meet the attendance requirements, please let us know, and we will do what we can to help. However, please remember that you will only be eligible to take the RCP DTM&H examination if you fulfill the attendance requirements and complete the required online activities.

Active Class Participation

We believe that learning is improved with interaction, discussion, and applying knowledge gained to manage problems. We expect all students to contribute regularly to seminar discussions via the webinar chat facility. We will run several activities that rely on students to prepare online materials released a week before an interactive classroom session.

Active Online Participation

One of the requirements for completing this course is to make substantive contributions to online discussion threads, which will form a regular part of your online learning. You are probably wondering what that means! We've guidelines to help keep online discussions dynamic and valuable and to help us evaluate your contributions to the online platform:

- Submit initial post(s) early in the

online activities and subsequent responses to other students' posts at timely intervals throughout the exercise. The goal is to have a dynamic discussion.

- Discussions occur when there is dialogue; therefore, you need to build upon other students' posts and responses to create discussion threads. Make sure to revisit the discussion forum and respond (if necessary) to what other learners have posted to your initial responses.
- When relevant, add to the discussion by including prior knowledge, work experiences, references, websites, resources, etc. (giving credit when appropriate).

GHM Peer Learning

Our students have diverse experiences in tropical medicine, public health, and infectious diseases. We like to tap into this knowledge and invite you to share your experiences with the class. We may approach you to facilitate a case-based or group discussion.

Our Success

The GHM course has successfully completed six years of teaching, with 526



medical doctors having sat the DTM&H Exam and the overall majority of them having obtained the DTM&H. From July 2021 until May 2022, the GHM UK course runs its seventh course year for 100 students, and the GHM South Asia course runs its fifth course year for 60 students.

The call for applications for the next GHM course year 2021/2022 was opened on March 21 and will close on April 18 depending on the application numbers.



MODULES

1. Bacterial infections
2. Bites, stings and poisoning
3. Covid-19
4. Field Talks
5. Fungal infections
6. Global Health
7. Human Immunodeficiency Virus
8. Humanitarian crises – Complex humanitarian emergencies
9. Malaria
10. Maternal Health
11. Mental Health
12. Non-Communicable Diseases (NDCs)
13. Nutrition
14. Other topics of tropical medicine
15. Outbreaks
16. Paediatrics
17. Parasitic infections
18. Public Health
19. Sexual and Reproductive Health
20. Travel Medicine
21. Tropical Dermatology
22. Tropical Ophthalmology
23. Tuberculosis
24. Vectors / Ectoparasites
25. Viral infections

An updated breakdown of online materials and planned webinar sessions will be available on the GHM online platform.



ADMISSION REQUIREMENTS AND HOW TO APPLY ?

During the academic year 2022 - 23, the inclusion criteria for the candidates are:

- Registered medical practitioners: MBBS with at least two years of post-internship work experience
- Proficiency in the English language

The candidates would be eligible to enroll if they meet the inclusion as mentioned above criteria. Medical doctors with a demonstrable interest in tropical medicine with a humanitarian assistance background will be given priority.

For this course year, we aim to enroll 80 students for the GHM South Asia course and 120 students for the GHM UK course.



GLOSSARY

- AIDS** Acquired immune deficiency syndrome
- CMC** Christian medical college
- DTM&H** Diploma in tropical medicine and hygiene
- GHHM** Global health and humanitarian medicine
- GMT** Greenwich mean time
- HIV** Human immunodeficiency virus
- IST** India standard time
- KMC** Kasturba medical college
- MoH** Ministry of health
- Moodle** Modular object oriented dynamic learning environment
- MoU** Memorandum of understanding
- MSF** Médecins sans frontières
- NCD** Non-communicable disease
- RCP** Royal College of physicians
- SA** South Asia
- TB** Tuberculosis
- UK** United Kingdom
- JIPMER** Jawaharlal Institute of Postgraduate Medical Education & Research
- MAHE** Manipal Academy of Higher Education

CONTACT US



Application enquiries:

GHHM South Asia Course: ghhm.southasia@new-delhi.msf.org

GHHM UK Course: ghhm@london.msf.org



Postal Address:

GHHM South Asia Course: Second floor, 136, Zamrudpur, New Delhi - 110048, India

GHHM UK Course: MSF UK, Lower Ground Floor, Chancery Exchange, 10 Furnival Street, London, EC4A 1AB



Website:

GHHM South Asia Course: <https://ghhmsouthasia.msfindia.in/>

GHHM UK Course: <https://msf.org.uk/global-health-and-humanitarian-medicine-course>

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