


HEALTH TECHNOLOGY ASSESSMENT (HTA)

MODULAR SHORT COURSE

 29. AUGUST – 02. SEPTEMBER 2022 (ONLINE)

 03. OCTOBER – 07. OCTOBER 2022 (KNUST)

**CPD
Accredited**



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Introduction

The School of Public Health at the Kwame Nkrumah University of Science and Technology (KNUST), Ghana in partnership with the Department of Health Care Management at the Technische Universität Berlin (TUB), Germany, the Norwegian Institute of Public Health (NIPH), Norway and the Ghana Ministry of Health is offering this Continuous Professional Development (CPD)-eligible course on Health Technology Assessment (HTA) as part of the Specialised Skills Training in Health Systems and Services Management initiative in collaboration with the Short Courses and Programmes Unit, Office of the Vice-Chancellor, KNUST.

Course description

Health Technology Assessment (HTA) is a tool that is being increasingly employed to guide coverage decisions in most high- and middle-income countries. However, in a bid to improve Universal Health Coverage, there is an uptake of HTA also in Africa and other similar settings. HTA and its methodologies allow a critical assessment of health technologies (i.e. medical devices, medicines, vaccines, procedures, health services, tests, programs or systems and public health interventions) as the basis for making evidence-based decisions, potentially contributing appropriate use of technologies, efficiency and good value for money of investments in the health care industry. The growing demand for implementing and institutionalizing HTA in Africa and other similar settings also requires the development of local specialist knowledge and skills to conduct locally relevant HTAs.

This HTA modular course is a skill-based training designed to equip participants with practical skills in the processes and methods underpinning HTA report production, focusing on evidence generation. As a modular programme, the course is organized into two parts:

Part I: Online Certificate Course Module: Introduction to HTA and Current Developments in Africa

Part II: Certificate of Competence Course Module: Intensive HTA Specialist Training

Course targeted participants

The course is targeted at health professionals and civil servants working or studying in an institution in Africa and other similar settings, who require short tailor measured training to enhance performance and work output in HTA related disciplines and collaborations. The course recognises pre-existing knowledge and skills; and is innovative in respect of the training needs of the targeted participants. As health

managers, researchers, experts and consultants, participants will be competent in data generation and management; evidence synthesis; interpreting clinical research; economic evaluation of health programmes and technologies; ethics, patient and public engagement; appraisal and decision-making; innovations in health care services; health planning; policy analysis, evaluation and development; macro-level health systems organization, financing and management; health policy management and governance; comparison of international health systems and policies; entrepreneurship; communication-skills in presentation and writing, lobbying and advocacy.

Registration

Interested participants should register ONLINE VIA <https://bit.ly/registerHTA> by 14. August 2022. Participants have opportunity to register for ONLY the Part I Online Certificate Course Module starting from 29.08.2022 – 02.09.2022. However, ALL participants interested in the Part II Certificate of Competence Course Module (in-person hosted at the KNUST in Kumasi) MUST COMPLETE first the Part I Online Certificate Course Module as a pre-requisite. For further information, please contact the Course Coordinator via email: shortcourses@sphknust.com or Phone: +233 50 420 8691

Course outline

Part I: Introduction to HTA and Current Developments in Africa (Online Certificate Course Module)

This is an online certificate course covering 15 to 20 hours for one (1) week, starting from **Monday 29. August 2022 until Friday 02. September 2022**. The course module will introduce participants to HTA and the role of HTA in health care systems, particularly in relation to defining benefit baskets for coverage. Course content covers the concepts, processes and methods behind HTA and their applicability in Africa and other similar settings. Thus, the course will provide a comprehensive overview of the current efforts being made to institutionalize HTA in Africa and other similar settings.

Certification: Upon successfully completing this online course module, participants will be awarded a certificate which is accredited for Continuous Professional Development (CPD) points/hours, and may be applicable to individuals who are members of, or are associated with (health) professional bodies in Ghana, Africa and elsewhere.

Monday August 29, 2022 – Friday September 02, 2022

Monday 09:00 GMT – 11:00 GMT	Introduction to HTA I <ul style="list-style-type: none">• Using HTA to determine benefit baskets<ul style="list-style-type: none">◦ Prof. Reinhard Busse Discussion
Tuesday 09:00 GMT – 11:00 GMT	Introduction to HTA II <ul style="list-style-type: none">• Using existing HTA reports: quality and transferability<ul style="list-style-type: none">◦ Dr. Dimitra Panteli Discussion
Wednesday 09:00 GMT – 11:00 GMT	Introduction to HTA III <ul style="list-style-type: none">• Determining the status of a health technology and principles of prioritization<ul style="list-style-type: none">◦ Prof. Anthony K. Edusei & Dr. Daniel Opoku Discussion
Thursday 09:00 GMT – 11:00 GMT	Current developments of HTA in Africa & similar settings I <ul style="list-style-type: none">• Overview of HTA process: perspective from Ghana<ul style="list-style-type: none">◦ Dr. Martha Gyansa-Lutterodt & Dr. Brian Asare• Overview of HTA process: perspective from Thailand<ul style="list-style-type: none">◦ Sirison Kanchanok and Sarin Kc Discussion
Friday 09:00 GMT – 11:00 GMT	Current developments of HTA in Africa & similar settings II <ul style="list-style-type: none">• Overview of HTA partnerships in Africa: perspective from TU Berlin, Germany<ul style="list-style-type: none">◦ Elke Berger• Overview of HTA partnerships in Africa: perspective from NIPH/iDSI, Norway<ul style="list-style-type: none">◦ Dr. Lumbwe Chola & Lieke Fleur Heupink Discussion

Part II: Intensive HTA Specialist Training (Certificate of Competence Course Module)

This module is a 5-days intensive in-person (face-to-face) training hosted at the KNUST, Kumasi, Ghana. As a Certificate of Competence Course Module, the aim is to equip participants with specialist skills to conduct locally relevant HTAs. Course content will cover the three core elements/domains of HTA: Clinical element; Economic element; and Ethical, Social, Legal and Organizational (ESLO) element. Participants will have the opportunity to specialise in one of the above-mentioned three core areas to gain competency in generating evidence in the specialised area as part of the process for doing HTA.

Certification: Upon successfully completing this in-person course module, participants will be awarded a Certificate of competence which is accredited for Continuous Professional Development (CPD) points/hours, and may be applicable to individuals who are members of, or are associated with (health) professional bodies in Ghana, Africa and elsewhere. The course has an estimated 30 – 40 hours and requires full participation.

Monday 03. October 2022, General Session

09:00 GMT – 11:00 GMT	GENERAL METHODOD <ul style="list-style-type: none">• Systematic reviews and meta-analysis: using and performing them (including Pubmed tutorial)<ul style="list-style-type: none">o Dr. Y. Enuameh, Dr. D. Boateng, Dr. D. Opoku
11:00 GMT – 12:00 GMT	Prioritizing topics for assessment I <ul style="list-style-type: none">• Nomination of topics/technologies<ul style="list-style-type: none">o Dr. B. Asare
12:00 GMT – 12:30 GMT	Lunch Break
13:30 GMT – 15:30 GMT	Prioritizing topics for assessment II <ul style="list-style-type: none">• Prioritization simulation exercise (using technology factsheets)<ul style="list-style-type: none">o Dr. D. Opoku & All Facilitators

<p>15:30 GMT – 16:00 GMT</p>	<p>Snack/coffee break</p>
<p>16:00 GMT – 17:00 GMT</p>	<p>Prioritizing topics for assessment III</p> <ul style="list-style-type: none"> • Feedback from simulation exercise and discussion <ul style="list-style-type: none"> o Dr. D. Opoku & All Facilitators

Tuesday 04. October 2022, Parallel Session	
<p>09:00 GMT – 17:00 GMT</p>	<p>CLINICAL Group: Evaluation of clinical elements I</p> <ul style="list-style-type: none"> • Safety and effectiveness • Study designs: principles and sources of bias for different technology types <ul style="list-style-type: none"> o Dr. D. Panteli, Prof. A.K. Edusei, Dr. B. Asare
	<p>ECONOMIC Group: Evaluation of economic elements I</p> <ul style="list-style-type: none"> • Introduction to economic evaluation • Practical exercise on CEA <ul style="list-style-type: none"> o Dr. L. Chola, L.F. Heupink, Dr. P. Agyei-Baffour, Prof. E. Amporfu
	<p>ESLO Group: Evaluation of ethical, social, legal and organizational aspects I</p> <ul style="list-style-type: none"> o E. Berger, Dr. D. Opoku, Dr. K.A. Mensah

Wednesday 05. October 2022, Parallel Session

09:00 GMT – 17:00 GMT	CLINICAL Group: Evaluation of clinical elements II <ul style="list-style-type: none">• Systematic reviews and meta-analysis: using and performing them<ul style="list-style-type: none">o Dr. D. Panteli, Prof. A.K. Edusei, Dr. B. Asare
	ECONOMIC Group: Evaluation of economic elements II <ul style="list-style-type: none">• Introduction to decision modelling• Appraising an economic evaluation + Intro to group work<ul style="list-style-type: none">o Dr. L. Chola, L.F. Heupink, Dr. P. Agyei-Baffour, Prof. E. Amporfu
	ESLO Group: Evaluation of ethical, social, legal and organizational aspects II <ul style="list-style-type: none">o E. Berger, Dr. D. Opoku, Dr. K.A. Mensah

Thursday 06. October 2022, Parallel Session

09:00 GMT – 17:00 GMT	CLINICAL Group: Evaluation of clinical elements III <ul style="list-style-type: none">o Dr. D. Panteli, Prof. A.K. Edusei, Dr. B. Asare
	ECONOMIC Group: Evaluation of economic elements III <ul style="list-style-type: none">o Dr. L. Chola, L.F. Heupink, Dr. P. Agyei-Baffour, Prof. E. Amporfu
	ESLO Group 3: Evaluation of ethical, social, legal and organizational aspects II <ul style="list-style-type: none">o E. Berger, Dr. D. Opoku, Dr. K.A. Mensah

Friday 07. October 2022, Parallel Session

<p>09:00 GMT – 17:00 GMT</p>	<p>Presentation of group work CLINICAL Group</p> <ul style="list-style-type: none">• Feedback from groups & Wrap up discussion<ul style="list-style-type: none">o Dr. D. Panteli, Prof. A.K. Edusei, Dr. B. Asare
	<p>Presentation of group work ECONOMIC Group</p> <ul style="list-style-type: none">• Feedback from groups & Wrap up discussion<ul style="list-style-type: none">o Dr. L. Chola, L.F. Heupink, Dr. P. Agyei-Baffour, Prof. E. Amporfu
	<p>Presentation of group work ESLO Group</p> <ul style="list-style-type: none">• Feedback from groups & Wrap up discussion<ul style="list-style-type: none">o E. Berger, Dr. D. Opoku, Dr. K.A. Mensah
<p>12:00 GMT</p>	<p>Lunch & Departure</p>



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