

2024 年台灣能力導向醫學教育週

結合實施科學與民主共創的協同力量促進能力導向醫學教育的實踐

簡介：

能力導向醫學教育 (Competency-based Medical Education, CBME) 是一種以學習成果為導向的教育模式，為現今國際與國內醫學教育的主流發展模式，第二屆台灣 CBME 週旨在透過結合實施科學與民主共創的力量，推動能力導向醫學教育的實施。CBME 在臺灣取得了重要的發展，但要實現從局部創新到全面普及的轉變仍面臨著挑戰。實施科學提供了克服障礙並優化成果的科學方法，而民主共創則促進了透明度、利益相關者參與，公平性與接受度。此次活動作為共學與共創的平台，匯集了國際學者、在地教育者、醫療人員、前線師生、政策制定者和評鑑單位夥伴。通過研討會、講座和論壇環節，參與者將深入探討 CBME 在臺灣實施的關鍵挑戰與發展策略。

目的：

藉由與五個國內機構，中國醫藥大學暨附設醫院、臺北醫學大學暨附設醫院、國泰綜合醫院、長庚紀念醫院、台灣急診醫學會及美國畢業後醫學教育評鑑會 ACGME 合作之國際研討會，邀請所有關心醫學教育的夥伴共同參與形塑臺灣 CBME 的未來，推動基於實證、兼顧以病人及學習者為中心的醫學教育，以回應不斷變化的社會需求。透過充分發揮實施科學與民主共創之間的協同效應，致力於提升臺灣醫療教育和服務的品質，迎接疫情後的醫學教育挑戰並促進共識未來方向。

2024 台灣 CBME 週研討會-開幕式

台灣能力導向醫學教育發展的下一步：當實施科學遇上民主共創

日期：2024 年 1 月 6 日

地點：中國醫藥大學水湳校區 B2F 國際會議廳(406 台中市北屯區經貿路一段 100 號)

簡介：

能力導向醫學教育 (CBME) 在台灣這幾十年來經歷了顯著的發展，涵蓋廣泛的教育創新、實施策略和豐碩的研究。從專業學會引入學習里程碑和可信賴專業活動 (EPAs)，到工作場域的評量回饋、能力導向的課程設計、計劃性的評量評估、臨床能力委員會 (CCC) 和信賴授權，台灣的 CBME 的演變藉由多維度的發展推動醫學教育的進步。

然而，實現 CBME 的轉型之路仍然是一個複雜且艱鉅的挑戰，特別是從局部的創新和研究努力，轉變為在臨床場域、專業學會和訓練機構的全面推廣。為了應對這個挑戰，第二屆台灣 CBME 週致力於提供一個共學和共創的平台，營造一個實施科學和民主價值相互融合的環境。

實施科學關注如何將證據和理論，轉化為複雜社會系統中的日常應用。透過檢視實施方式、日常運作的可持續性、辨識系統性障礙與促進因素，提供推動變革與持續優化的科學方法。在健康照護專業教育的背景下，實施科學成為整合並落實 CBME 教育創新的成功關鍵。

台灣的民主社會以其透明的治理、平等的參與、開放的對話、分享知識的精神、當責和對不斷改進的堅定承諾而在國際上享有盛譽。這些民主價值為實施科學的有效運作提供了重要基礎，促進了基於證據的決策、利益相關者的參與、透明的過程，和平等取得高品質醫學教育的機會。過去十年，台灣充滿活力的 CBME 倡議，展現了民主原則和實施科學方法的有力結合，帶來了各種成就和進展。

在這一背景下，第二屆台灣 CBME 週成為一個具有里程碑意義的活動，由中國醫藥大學暨附設醫院、臺北醫學大學暨附設醫院、國泰綜合醫院、長庚紀念醫院與台灣急診醫學會，及國際 CBME 社群合作舉辦。開幕研討會將於 2024 年 1 月 6 日，在台中的中國醫藥大學水湳校區登場，透過與來自不同背景的學者、教育者、學習者、政策制定者的交流，致力於激發學術討論、分享創新方法、傳播最佳實踐，促進有意義的合作。藉著融合實施科學和民主共創之間的協同效應，面對教育變革的管理與挑戰，塑造台灣 CBME 的未來，推動基於實證、兼顧病人及學習者為中心的醫學教育，以回應不斷變化的社會需求，讓每個人都擁有更好的醫療照護。

議程

日期：113 年 1 月 6 日

地點：中國醫藥大學附設醫院水湳校區 B2F 國際會議廳

Time	Agenda			
8:20 ~ 9:00	報到			
9:00 ~ 9:20	開場致詞			
9:20 ~ 10:00	Implementation Science and What We Learn from Worldwide CBME Movement. 實施科學與我們從全球 CBME 運動中所學的經驗 <i>Speaker: Jason R. Frank</i>			
10:00~ 10:40	Ten years reflections of CBME implementation in Taiwan and a future with democratic co-production 台灣實施 CBME 十年的反思以及未來的民主共創之路 <i>Speaker: Fremen Chihchen Chou 周致丞醫師</i>			
10:40~ 11:00	大合照暨茶敘			
11:00~ 11:40	Co-production from healthcare delivery to medical education 從醫療服務到醫學教育的共創 <i>Speaker: Eric S. Holmboe (virtual)</i>			
11:40 ~ 12:20	Unlocking Learner Potential: The Power of Co-Creation in Teaching and Learning 釋放學習者潛能：在教與學中的共創 <i>Speaker: Raghdah Al-Bualy</i>			
12:20~ 13:20	午餐			
	Leaders' forum Co-design of CBME eco-system. <i>Speaker:</i> Reflection on a Decade of CBME Implementation in Singapore <i>Mabel Yap (virtual)</i> 台灣醫療專業人員訓練願景 <i>劉越萍司長</i> <i>Facilitator:</i> Janson R. Frank <i>Co-Facilitator:</i> 長庚紀念醫院 蕭政廷 副院長 中醫大附醫 邱德發 教學副院長 中醫大附醫 周致丞 主任	Workshop Empowering Educators with Milestones. <i>Speaker:</i> <i>Laura Edgar</i> <i>Co-Facilitator:</i> 國泰醫院 簡志誠 副院長 中醫大附醫 林曉娟 主任 國泰綜合醫院 陳信佑 副主任	Workshop Providing meaning to numbers and words for your program. <i>Speaker:</i> <i>Pedro Tanaka</i> <i>Co-Facilitator:</i> 北醫附醫 陳建宇 主任 中醫大附醫 林章均 主任 北醫附醫 郭淑柳主任	Frontline forum Co-creation and Co-production of learning in CBME <i>Speaker:</i> <i>Raghdah Al-Bualy</i> <i>Awarded presentations of submitted E-posters of Narratives from frontline in CBME</i> <i>Co-Facilitator:</i> 長庚大學 張玉喆 副系主任 中醫大附醫 吳柏樟 主任 長庚紀念醫院 趙從賢主任
13:20 ~ 14:50				
14:50~ 15:20	茶敘			
15:20~ 16:00	Moving a mountain: mastering a major CBME curriculum reform through change management 精誠所至，金石為開：透過變革管理掌握重大 CBME 課程改革 <i>Harm Peters (virtual)</i>			
	展望未來的論壇			
16:00~ 16:40	The next step of CBME in Taiwan 台灣 CBME 的下一步 <i>Facilitator: 中國醫藥大學 陳偉德 講座教授、台灣醫學教育學會 楊志偉 秘書長</i> <i>Panelists: 所有講者及與會貴賓</i>			
16:40 ~ 16:50	頒獎與閉幕典禮			

講者簡介

Eric S. Holmboe, MD

- Chief, Research, Milestones Development and Evaluation Officer, Accreditation Council for Graduate Medical Education (ACGME)
- Adjunct Professor of Medicine at the Yale University School of Medicine and the Uniformed Services University of the Health Sciences
- CEO of Intealth (integration of ECFMG® and FAIMER®) since 2024
- 曾任 ACGME 資深副總裁，2024 起任主管美國外國醫師資格際醫學教育認證機構 ECFMG, 及國際醫學教育評量組織 FAIMER 的母機構 Intealth 之 CEO

演講主題暨簡介：

Co-production form Healthcare Delivery to Medical Education (Virtual)

What is co-creation and co-production, how co-production reshape the delivery of healthcare and education, and how co-production provide a new perspective for various stakeholders such as policy maker, accreditation body, specialty society, program core faculty, frontline teacher and learners to improve healthcare and training of healthcare professionals.

Harm Peters, MD

- President, Association of Medical School in Europe President on December 10th, 2020
- Professor and Head (Faculty - Dieter Scheffner Center for Medical Education and Educational Research.), Charité – Universitätsmedizin Berlin, Germany.
- 歐洲醫學院校聯合會理事長
- 德國 Charité 大學教授，醫學教育暨教育研究中心主任

演講主題暨簡介：

Moving a Mountain: Mastering a Major CBME Curriculum Reform through Change Management (Virtual)

To gain invaluable insights into navigating the complexities of major CBME curriculum reforms with a specific focus on effective change management strategies, this session offers practical guidance for institutions in the early stages or already embarked on transforming their undergraduate programs toward competency-based medical education.

Jason R. Frank, MD, MEd

- Chair of executive committee, ICBME Collaborators
- Professor, Emergency Medicine, Ottawa University, Canada
- 國際 CBME 學者組織，理事會主席
- 加拿大渥太華大學教授

演講主題暨簡介：**Implementation science and what we learn from worldwide CBME movement.** (In person)

This talk will discuss what is implementation science and an inspection of the state-of-the-art experience of worldwide implementation of CBME with the lens of implementation science.

Leaders' forum: Co-design of CBME eco-system

Starting with a brief introduction of Singapore's experience and Taiwan's vision on healthcare professional training, and the stages throughout the implementation of CBME, this forum help identifying where we are, possible barriers and facilitators and promote systemic thinking of the long-term implementation of CBME and promoting dialogue between various Stakeholders (leaders including policy makers, accreditation body, specialty society leaders, institutional education leaders) to build up shared vision and strategies for change.

Laura Edgar, EdD, CAE

- Vice President, Milestones Development at ACGME
- 現任 ACGME 資深副總裁

演講主題暨簡介：**Workshop: Empowering Educators with Milestones: Unleashing Collective Brilliance for a Stronger Educational Faculty Team.** (In person)

This workshop will introduce clinician educators (CE) milestones, bringing a blueprint for constructing a stronger CE team in organization, a guide for individual development of CE, a tool to examine the collective strength and weakness of the CE team.

Mabel Yap, MBBS, MSc, PhD

- Director, Professional Training and Assessment Standards Division, MOH, Singapore, (oversees training and assessment standards for healthcare professionals)
- 新加坡衛生部醫事人員訓練暨評估與政策主管
- 新加坡國立大學合聘副教授

演講主題暨簡介：**Reflection on a Decade of CBME Implementation in Singapore: Successes, Lessons Learned, and Future Directions in Leaders' forum: Co-design of CBME Eco-system. (Virtual)**

Starting with a brief introduction of Singapore's experience and Taiwan's vision on healthcare professional training, and the stages throughout the implementation of CBME, this forum help identifying where we are, possible barriers and facilitators and promote systemic thinking of the long-term implementation of CBME and promoting dialogue between various Stakeholders (leaders including policy makers, accreditation body, specialty society leaders, institutional education leaders) to build up shared vision and strategies for change.

Pedro Tanaka, MD, PhD (Anesthesia; Curriculum and Instruction)

- Associate Designated Institutional Official for GME; Vice Chair for Diversity and Inclusion; Clinical Professor of Anesthesiology, Stanford.
- Associate Program Director, Department of Anesthesiology.
- Clinical Professor, Department of Anesthesia, Stanford University Medical School
- 史丹佛麻醉醫學暨醫學教育教授
- 史丹佛麻醉專科訓練主管
- 史丹佛 ACGME Hub Leader

演講主題暨簡介：**Workshop: Providing Meaning to Numbers and Words for Your Program! (In person)**

Through analyzing the strength and challenges of quantitative data and qualitative data in training program, this workshop aim to share with the program directors or core faculty the strategies about monitoring the quality of their training program, taking advantage on inner data and data requested by accreditation body for continuing improvement of training program and leaning environment.

Raghdah Al-Bualy, MHPE, MHA, PhD(c).

- Head of Assessment and Performance Section at Oman Medical Specialty Board
- ACGME International Hub (Oman) Leader
- 阿曼蘇丹國醫學專科訓練認證會專業表現評估主管
- 阿曼蘇丹國 ACGME 國際中心 Hub Leader

演講主題暨簡介：

Unlocking Learner Potential: The Power of Co-Creation in Teaching and Learning (In person)

Introducing the concept of co-creation with learners, and potential strategies that can help teachers and educational leaders to implement co-creation of teaching and learning in health professions education.

Frontline forum: Co-creation and Co-production of learning in CBME

Mini-talks (each for 15 minutes) including local Champions of clinical teacher and trainee (Awarded presenters, Prize winners of teacher and learner's reflection sharing in E-posters competitions) and international speaker (Raghdah Al-Bualy), and interactive discussion to promote the engagement of frontline teachers and learners for the Co-creation and Co-production of learning in CBME facilitating by faculty team in CBME week.

Yueh-Ping Liu, MD, MPH, MBA

- Director, Medical Affairs Department, Ministry of Health and Welfare, Taiwan
- 衛生福利部醫事司司長

演講主題暨簡介：

Taiwan's Vision for Healthcare Professional Training. (In person)

Starting with a brief introduction of Singapore's experience and Taiwan's vision on healthcare professional training, and the stages throughout the implementation of CBME, this forum help identifying where we are, possible barriers and facilitators and promote systemic thinking of the long-term implementation of CBME and promoting dialogue between various Stakeholders (leaders including policy makers, accreditation body, specialty society leaders, institutional education leaders) to build up shared vision and strategies for change.

Fremen Chihchen Chou, MD, PhD

- Director, Center for Faculty Development, China Medical University Hospital, Taichung, Taiwan
- Assistant Professor, School of Medicine, China Medical University, Taichung, Taiwan
- Chair, Task Force of CBME, Taiwan Society of Emergency Medicine
- Inaugural Member, ICBME Executive Committee, The International Competency-based Medical Education (ICBME)
- Faculty Member, Ins and outs of Entrustable Professional Activities International courses, Professor Olle ten Cate and International Faculty Team.
- 中國醫藥大學附設醫院教學部師資培育中心主任
- 中國醫藥大學醫學系助理教授
- 台灣急診醫學會 CBME 工作小組主席
- 國際能力導向醫學教育(ICBME)創始理事會理事
- Olle ten Cate 教授《Entrustable Professional Activities 國際課程》國際教師團隊核心教師

演講主題暨簡介：

Ten Years Reflections of CBME Implementation in Taiwan and A Future with Democratic Co-production (In person)

Based on the reflections from the role of a facilitator of CBME implementation in specialty and national level in CBME reform, this talk aim to open a stage for discussion of the next step of CBME in Taiwan with the perspective of democratic co-production.

聯絡窗口：

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