

AI for Health Professionals: Transforming Practice, Teaching, and Research

PROGRAMME DESCRIPTION

The programme is designed to empower health professionals with the knowledge and skills to harness artificial intelligence (AI) in their clinical practice, teaching, and research. We believe that incorporating AI into the daily operations of healthcare institutions will significantly enhance the overall quality of patient care, research, and education.

It is also for healthcare professionals interested in learning about AI and its potential impact on their work, including physicians, nurses, allied health practitioners, educators, and researchers. The programme will introduce participants to various AI platforms.



DURATION: 1.5 DAYS

PROGRAMME CONTENT

This programme comprises the following learning topics:

- Explore the core principles of AI, emphasising its applications and significance in modern healthcare.
- Examine the role of AI in enhancing clinical judgment and patient management, with live demonstrations of relevant tools.
- Uncover the potential of AI in revolutionising teaching and learning experiences for healthcare professionals and students.
- Illustrate the integration of AI in healthcare research, focusing on tasks such as literature review, data analytics, and manuscript development.
- Provide a hands-on experience with various AI platforms tailored to healthcare professionals' unique needs and demands.



TARGET AUDIENCE

Health professionals, including physicians, nurses, allied health professionals and medical educators.

LEARNING OUTCOMES

At the end of the programme, participants will be able to:

- Grasp the fundamental concepts of AI and appreciate its transformative effects on healthcare practice, research, and education.
- Utilize AI tools to enhance clinical decision-making, delivering more personalised and effective patient care.
- Implement AI-driven platforms to enrich the educational experiences of healthcare learners, fostering a more engaging and innovative learning environment.
- Leverage AI to streamline and elevate research procedures, including but not limited to literature exploration, data interpretation, and scholarly writing.
- Navigate and proficiently use an array of AI platforms and adapting them to the specialised context of healthcare.

METHODOLOGY

This programme is designed to be an interactive learning experience for participants.

Methodologies used will include:



Facilitated small group learning



Group presentations



Interactive exercises

e.g. Role plays, discussions in small and large groups



Case scenarios



Problem-based learning



Reflective use of journals

TRAINING CAPACITY

25 participants per run

ABOUT THE ORGANISER

Officially established on 19 July 2002, the NHG College plays an instrumental role in facilitating the continuous learning and development of our workforce, as well as, promoting systems improvement and driving leadership development in NHG Health. NHG College collaborates with renowned institutions and industry partners to build the pipeline and collective capacities of our leaders, educators, healthcare professionals and staff to support NHG Health in serving and managing the health of our patients and the population.

For enquiries on Education and Faculty Development courses, please visit our website by scanning the QR code below or email us at: nhggroup.college@nhghealth.com.sg

