



# HMDP Visiting Experts FY25 OFFICIAL PROGRAMME

**Note:**  
The programme is accurate at the time of publication, and is subject to change at any time without prior notice.

EXPERT NAME

Univ.-Prof. Dr. Falk Schwendicke

START DATE

9 January 2026

END DATE

15 January 2026

SPECIALTY/TITLE OF PROGRAMME

Artificial Intelligence in Dentistry  
Dental Public Health and Conservative Dentistry

HOSTING INSTITUTION

National University Centre for Oral Health, Singapore (NUCOHS)

| DATE AND DAY            | TIME        | ACTIVITIES                                                                                          | TRAINING OBJECTIVES                                                                                                                                                                                                                                                                                             | NTP* (YES/NO) | VENUE AND CAPACITY                | NAME AND EMAIL OF COORDINATOR                                                              |
|-------------------------|-------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------|--------------------------------------------------------------------------------------------|
| 9 January 2026 (Friday) | 1400 - 1500 | Pick up from hotel and travel to Khoo Teck Puat Hospital (KTPH)                                     |                                                                                                                                                                                                                                                                                                                 |               |                                   | Joanne Uy<br><a href="mailto:Joanne.ngo.uy@nuhs.edu.sg">Joanne.ngo.uy@nuhs.edu.sg</a>      |
|                         | 1500 - 1530 | Tour of Khoo Teck Puat Hospital Dental Centre                                                       | To gain an understanding of how Singapore's government dental clinics function.                                                                                                                                                                                                                                 | No            | KTPH Dental Clinic                | Sophia Yee<br><a href="mailto:Yee.sophia@nhghealth.com.sg">Yee.sophia@nhghealth.com.sg</a> |
|                         | 1530 - 1630 | Meeting with KTPH Dental Senior Management                                                          |                                                                                                                                                                                                                                                                                                                 | No            | Dental Clinic Meeting Room 8pax   | Sophia Yee<br><a href="mailto:Yee.sophia@nhghealth.com.sg">Yee.sophia@nhghealth.com.sg</a> |
|                         | 1630 - 1730 | Lecture at KTPH<br><br>Topic: Navigating the Opportunities and Challenges of AI in Modern Dentistry | Training objectives:<br>1. Opportunities<br>a. Understand how AI is transforming dental care in the aspects of diagnostics, preventive dentistry<br>b. Learn how AI is improving treatment planning and precision in dentistry<br>2. Challenges<br>a. Discuss safety and regulatory considerations in dentistry | No            | Tower A (L4) Training Room 30 Pax | Sophia Yee<br><a href="mailto:Yee.sophia@nhghealth.com.sg">Yee.sophia@nhghealth.com.sg</a> |

| DATE AND DAY             | TIME        | ACTIVITIES                                                                    | TRAINING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NTP* (YES/NO) | VENUE AND CAPACITY       | NAME AND EMAIL OF COORDINATOR                                                         |
|--------------------------|-------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|---------------------------------------------------------------------------------------|
|                          |             |                                                                               | b. Ethical considerations and responsible use of AI in dentistry<br><br>Target audience: <ul style="list-style-type: none"> <li>General dentists</li> <li>Specialists from Orthodontics, Periodontics, Endodontics, Oral Surgery, Prosthodontics</li> </ul>                                                                                                                                                                                                                                                                                                         |               |                          |                                                                                       |
| 12 January 2026 (Monday) | 0900 – 1000 | Tour of NUCOHS and NUSDen<br>Facilitators: JU, TKS                            | To gain an understanding of how NUCOHS operates as a national centre, how NUSDen functions as an academic institution, and how both institutions relate to each other                                                                                                                                                                                                                                                                                                                                                                                               | No            | NUCOHS and NUSDen        | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|                          | 1000 - 1100 | Meeting with NUCOHS and NUSDen Senior Management<br>Attendees: WW, JU, WL, CQ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No            | L10 Boardroom            | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|                          | 1100 -1230  | AI: Overview about the technology for dentistry                               | Training objectives: <ul style="list-style-type: none"> <li>Understand Artificial Intelligence in the context of healthcare and dentistry</li> <li>Identify current and emerging applications of AI in different fields of dentistry</li> <li>Understand advantages and limitations of using AI in dentistry</li> <li>Recognise the regulatory and ethical responsibilities of using AI in clinical practice</li> </ul> Target audience: <ul style="list-style-type: none"> <li>General dentists</li> <li>Residents/trainees</li> <li>Dental specialists</li> </ul> | Yes           | L9 Auditorium<br>100 pax | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|                          | 1230 - 1400 | Lunch break                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                          | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|                          | 1400 – 1530 | Precision Dentistry                                                           | Training objectives: <ul style="list-style-type: none"> <li>Understand how AI aids in predicting disease risk and/or treatment outcomes</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes           | L9 Auditorium<br>100 pax | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |

| DATE AND DAY | TIME        | ACTIVITIES                                                                                                                                        | TRAINING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                           | NTP* (YES/NO) | VENUE AND CAPACITY | NAME AND EMAIL OF COORDINATOR                                                         |
|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|---------------------------------------------------------------------------------------|
|              |             |                                                                                                                                                   | <ul style="list-style-type: none"> <li>Understand how AI technologies, data and personalised information can be used to facilitate a patient-centered approach to dental care</li> <li>Learn how AI will aid dentists in giving tailored, data-driven treatment</li> </ul> <p>Target audience:</p> <ul style="list-style-type: none"> <li>General dentists</li> <li>Residents/trainees</li> <li>Dental specialists</li> </ul> |               |                    |                                                                                       |
|              | 1530 – 1600 | Break                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                    | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|              | 1600 – 1700 | Population Health Research Thrust – Group Discussion<br>Facilitated by A/P Gao Xiaoli<br>- Attendees: Ishreen, Stephen, Sayaka, Florence, Gabriel | To highlight emerging research areas, discuss feasibility and funding opportunities in the local context and map collaborative opportunities                                                                                                                                                                                                                                                                                  | No            | L10 Boardroom      | Catherine Hong<br><a href="mailto:denchhl@nus.edu.sg">denchhl@nus.edu.sg</a>          |

| DATE AND DAY                 | TIME        | ACTIVITIES                                        | TRAINING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NTP* (YES/NO) | VENUE AND CAPACITY               | NAME AND EMAIL OF COORDINATOR                                                                                          |
|------------------------------|-------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 13 January 2026<br>(Tuesday) | 0900 - 1030 | AI for Image Analysis and Caries Detection        | Training objectives: <ul style="list-style-type: none"> <li>Understand the foundational concepts and how they apply specifically to image analysis in dentistry.</li> <li>Appreciate how AI processes and interprets dental images, and how this is applied in caries detection.</li> <li>Appreciate the benefits and limitations of current technologies</li> <li>Compare the diagnostic accuracy and consistency of dental imaging tools/software versus traditional methods</li> </ul> Target audience: <ul style="list-style-type: none"> <li>General dentists</li> <li>Residents/trainees</li> <li>Dental specialists</li> </ul> | Yes           | NDCS<br>L8 Auditorium<br>120 pax | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |
|                              | 1030 - 1100 | Break                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                                  | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |
|                              | 1100 - 1200 | Deep Learning for Periodontology and Implantology | Training objectives: <ul style="list-style-type: none"> <li>Understand the concept of deep learning in periodontology and evaluate the evidence for its use in periodontal diagnosis, treatment planning and management</li> <li>Understand the application of deep learning in various aspects of implantology</li> </ul> Target audience: <ul style="list-style-type: none"> <li>General dentists</li> <li>Residents/trainees</li> <li>Dental specialists</li> </ul>                                                                                                                                                                | Yes           | NDCS<br>L8 Auditorium<br>120 pax | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |
|                              | 1200 - 1400 | Lunch break                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                                  | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |

| DATE AND DAY                   | TIME        | ACTIVITIES                                      | TRAINING OBJECTIVES                                                                                                                                                                                                                                                                                                                                                                             | NTP* (YES/NO) | VENUE AND CAPACITY                 | NAME AND EMAIL OF COORDINATOR                                                                                          |
|--------------------------------|-------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|                                | 1400 – 1500 | Enamel white spots: Diagnosis drives management | Training objectives: <ul style="list-style-type: none"> <li>Identify and correctly diagnose white spot lesions</li> <li>Understand the etiology and different types of lesions</li> <li>Assess and manage white spot lesions effectively</li> </ul> Target audience: <ul style="list-style-type: none"> <li>General dentists</li> <li>Residents/trainees</li> <li>Dental specialists</li> </ul> | Yes           | NDCS<br>L8 Auditorium<br>120 pax   | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |
|                                | 1500 – 1530 | Break                                           |                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                    | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |
|                                | 1530 - 1730 | Research meeting with NDCS Research Team        | To highlight emerging research areas, discuss feasibility and funding opportunities in the local context and map collaborative opportunities                                                                                                                                                                                                                                                    | No            | NDCS<br>L8 Training room<br>60 pax | Seetoh Yoong Liang<br><a href="mailto:see.toh.yoong.liang@singhealth.com.sg">see.toh.yoong.liang@singhealth.com.sg</a> |
| 14 January 2026<br>(Wednesday) | 0900 - 1030 | Deep caries management: Status quo              | Training objectives: <ul style="list-style-type: none"> <li>Define deep caries and compare different management strategies</li> <li>Apply evidence-based guidelines in the management of teeth with deep caries</li> </ul> Target audience: <ul style="list-style-type: none"> <li>General dentists</li> <li>Residents/trainees</li> <li>Dental specialists</li> </ul>                          | Yes           | L9 Auditorium<br>100 pax           | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a>                                  |
|                                | 1030 - 1100 | Break                                           |                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                    | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a>                                  |
|                                | 1100 - 1230 | Deep caries management: Outlook and guidance    | Training objectives: <ul style="list-style-type: none"> <li>Define deep caries and compare different management strategies</li> <li>Apply evidence-based guidelines in the management of teeth with deep caries</li> </ul>                                                                                                                                                                      | Yes           | L9 Auditorium<br>100 pax           | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a>                                  |

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|--|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------|---------------------------------------------------------------------------------------|
|  |             |                                                                                                                                                                        | Target audience: <ul style="list-style-type: none"> <li>• General dentists</li> <li>• Residents/trainees</li> </ul> Dental specialists                                                                                                                                                                                                                                                                            |     |                          |                                                                                       |
|  | 1230 - 1400 | Lunch break                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                   |     |                          | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|  | 1400 - 1500 | Transforming Dental Education with the Digital Evolution <ul style="list-style-type: none"> <li>- Facilitated by WML/ KF</li> <li>- Attendees: II, LLZ, etc</li> </ul> | To discuss how AI can be applied in dental education.                                                                                                                                                                                                                                                                                                                                                             | No  | L10 Boardroom            | Catherine Hong<br><a href="mailto:denchhl@nus.edu.sg">denchhl@nus.edu.sg</a>          |
|  | 1500 – 1800 | Break/Preparation for Evening Public Lecture                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                   |     | L09-20                   | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |
|  | 1800 – 1930 | AI for Dental Practices                                                                                                                                                | Training objectives: <ul style="list-style-type: none"> <li>• Understand Artificial Intelligence in the context of healthcare and dentistry</li> <li>• Gain an understanding of the various applications of AI in dental practice</li> <li>• Appreciate the cost-effectiveness of AI technologies in dental practice</li> </ul> Target audience: <ul style="list-style-type: none"> <li>• All dentists</li> </ul> | Yes | L9 Auditorium<br>100 pax | Joanne Uy<br><a href="mailto:Joanne_ngo_uy@nuhs.edu.sg">Joanne_ngo_uy@nuhs.edu.sg</a> |

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|----------------------------|-------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------|---------------------------------------------------------------------------------------------|
| 15 January 2026 (Thursday) | 0830 – 0900 | Meeting with CDO                                                                                          |                                                                                                                                     | No            | L09-20             | Joanne Uy<br><a href="mailto:Joanne.ngo.uy@nuhs.edu.sg">Joanne.ngo.uy@nuhs.edu.sg</a>       |
|                            | 0900 – 0930 | Individual consultation with Faculty Members<br>Session 1: Charlene Goh                                   | Mentorship role, sharpen research ideas/projects (hypothesis sharpening, project scoping)                                           | No            | L09-20             | Catherine Hong<br><a href="mailto:denchhl@nus.edu.sg">denchhl@nus.edu.sg</a>                |
|                            | 0930 – 1030 | MOU meeting with NUSDen<br>Attendees: CP, CH, HSJ                                                         |                                                                                                                                     | No            | L10 Boardroom      | Catherine Hong<br><a href="mailto:denchhl@nus.edu.sg">denchhl@nus.edu.sg</a>                |
|                            | 1030 – 1100 | Break                                                                                                     |                                                                                                                                     |               |                    | Joanne Uy<br><a href="mailto:Joanne.ngo.uy@nuhs.edu.sg">Joanne.ngo.uy@nuhs.edu.sg</a>       |
|                            | 1100 – 1230 | NUCOHS Discussion<br>- Integration of AI in clinical practice                                             | Discuss how AI can be applied in different aspects of clinical practice, as well as possible applications of AI within NUHS cluster | No            | L10 Boardroom      | Wilson Lu<br><a href="mailto:Wilson.weixun.lu@nuhs.edu.sg">Wilson.weixun.lu@nuhs.edu.sg</a> |
|                            | 1400 - 1430 | Individual consultation with Faculty Members<br>Session 2: Ong Ding Sen                                   | Mentorship role, sharpen research ideas/projects (hypothesis sharpening, project scoping)                                           | No            | L09-20             | Catherine Hong<br><a href="mailto:denchhl@nus.edu.sg">denchhl@nus.edu.sg</a>                |
|                            | 1430 - 1500 | Individual consultation with Faculty Members<br>Session 3: Jacob Chew                                     | Mentorship role, sharpen research ideas/projects (hypothesis sharpening, project scoping)                                           | No            | L09-20             | Catherine Hong<br><a href="mailto:denchhl@nus.edu.sg">denchhl@nus.edu.sg</a>                |
|                            | 1500 – 1530 | Break                                                                                                     |                                                                                                                                     |               |                    | Joanne Uy<br><a href="mailto:Joanne.ngo.uy@nuhs.edu.sg">Joanne.ngo.uy@nuhs.edu.sg</a>       |
|                            | 1530 - 1700 | Endodontics, Operative Dentistry & Prosthodontic Discipline – Group Discussion (CQ, FL, VY, SRH, KT- TBC) |                                                                                                                                     | No            | L10 Boardroom      | Christopher Quek<br><a href="mailto:denquek@nus.edu.sg">denquek@nus.edu.sg</a>              |