

## Central Commissioned Training Programme 2025/26

### What you need to know about 3D printing and 3D modeling design

Organized by Institute of Advanced Allied Health Studies / COC-Grade (P&O)

	Day 1 Lecture	Day 2 Workshop
<b>Date:</b>	23 January 2026 (Friday)	24 January 2026 (Saturday)
<b>Time:</b>	0850 – 1730	0855 – 1730
<b>Venue:</b>	G09, Block M, Kowloon Hospital	G09, Block M, Kowloon Hospital
<b>Format:</b>	Face-to-Face OR Zoom* (*Zoom login starts at 0835)	Face-to-Face

**Aim:**

- To provide and update the knowledge and skill to our P&O colleague in developing the 3D printing service in various field
- To adopt the advance 3D printing technology in Prosthetics and Orthotics

**Objective/ Intended Learning Outcome:**

**Day-1 Lecture:**

1. Introduction to the current status/applications of 3D printing technology in P&O field
2. The challenges in 3D printing applications in P&O
3. The material and structural strength considerations
4. The experience of the speaker in their own clinic and country

**Day-2 Workshop:**

1. Hands-on training to design the ankle-foot orthosis, socket, CRO and FOs

**Program Design:** Lecture + Workshop

**Target Participant:** Prosthetist-Orthotist

**Class Capacity:** 50 HA participants

- Day 1 Lecture (43 Face-to-Face + 7 Zoom^)
- Day 2 Workshop (50 Face-to-face)
- ^Remarks: one zoom quota per cluster

**Language Medium:** English

**CPD Points:** To be confirmed

**Award:** Certificate of Attendance

**Program Requirement:** Participants should complete at least 80 % attendance of overall program  
(**Remarks:** Attendance will be captured according to your **login and logout time** in Zoom®. Late joiner after 30 minutes would not be allowed to join the training.)

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**Speaker:**

**Jan Rosicky**



Jan has co-founded Invent Medical at 2015 and is responsible for global business development. Jan has been focusing in growing adoption of 3D printing at O&P field internationally. He has worked with over 900 hospitals and O&P facilities in over 40 countries and has built the leading global provider of custom O&P 3D printed devices. Every year Invent prints over 100.000 parts and is actively leading innovation and shaping the O&P field with fully digital workflows from scan to print.

Jan has earned a title from interactive media at Teeside University and an MBA title later on. Jan has been in the O&P field since 2015 and is an author of several innovations and patent applications. He has provided lectures on future of O&P and utilization of 3D printing in O&P on many international O&P conferences as well as on many US and European universities.

**Program Rundown**

**23 January 2026 (Friday) - Day 1 Lecture**

<b>Time</b>	<b>Topic</b>	<b>Speaker / Facilitator</b>
0855-0900	Introduction	Moderator
0900-1030	1. Current status and applications of 3D printing in P&O 2. Challenges in 3D printing applications in P&O - Regulations, validations, material considerations, digital P&O landscape, digital clinics	Mr. Jan Rosicky
1030-1045	<b><i>Break</i></b>	
1045-1230	1. Overview of 3D scanning technology and digital workflow 2. General considerations in designing 3D printed P&O device 3. Process of multi-jet fusion printer and surface smoothing technique 4. Q&A	Mr. Jan Rosicky

**Continued - 23 January 2026 (Friday) - Day 1 Lecture**

<b>Time</b>	<b>Topic</b>	<b>Speaker / Facilitator</b>
1230-1330	<b>Lunch</b>	
1330-1530	1. Digital workflow - 3D printing on check and definitive Prosthetic socket utilizing FDM and MJF 2. Digital workflow - 3D printing on Foot orthotic 3. Q&A	Mr. Jan Rosicky
1530-1545	<b>Break</b>	
1545-1730	1. Case sharing - 3D printing applications in P&O service 2. Demonstration of real 3D printed P&O device 3. Ensuring Q&A and Continual improvements 4. Q&A	Mr. Jan Rosicky

**24 January 2026 (Saturday) - Day 2 Workshop**

<b>Time</b>	<b>Topic</b>	<b>Speaker / Facilitator</b>
0855-0900	Introduction	Moderator
0900-1030	1. Digital workflow, devices, benefits, use-cases - 3D printing in AFO	Mr. Jan Rosicky
1030-1045	<b>Break</b>	
1045-1230	1. Digital workflow - 3D printing on Cranial orthoses and evidence-based treatment 2. Q&A	Mr. Jan Rosicky
1230-1330	<b>Lunch</b>	
1330-1530	1. Hands-on 3D scanning 2. Hands-on Design Configuration of AFOs, sockets, CROs, FOs	Mr. Jan Rosicky
1530-1545	<b>Break</b>	
1545-1730	1. Continued Hands-on training 2. Next steps 3. Q&A	Mr. Jan Rosicky

**Enrolment:**

- Please send the nomination form via Cluster DM to IAHS by email ([iaahs@ha.org.hk](mailto:iaahs@ha.org.hk)), quoting “Program Announcement - *Central Commissioned Training Programme 2025/26 - What you need to know about 3D printing and 3D modeling design*” (Ref 028, 039)” **on or before 24 December 2025 (Wednesday)**.
- Enrollment result would **NOT** be notified individually. It should be checked before program commencement via HA IAHS intranet [https://hateams.home/knowledge/group/IAHS/Program\\_AH/](https://hateams.home/knowledge/group/IAHS/Program_AH/) or through e-Learning Centre [http://elc.home/myelc/login\\_pop.aspx](http://elc.home/myelc/login_pop.aspx) **on or after 2 January 2026 (Friday)**.

**Important Notes:**

- Participants are required to **strictly adhere** to **CICO’s guideline on Infection Control Precautions for Training Activities** (see [link](#)) when attending the program (for both individual or group registration).
- Participants are **required to prepare ALL of the following equipment**: (1) individual desktop/ laptop/ tablet/ mobile with stable internet access, (2) headphone/speaker (to hear), (3) microphone (to speak) and (4) webcam (to see your face)\*. [*If participant fails to turn on the webcam (with FULL Face) during the lecture, he/she would be **removed from class, and no attendance will be counted***]
- According to HA’s best practice, **only authenticated users** could join the Zoom® training. Participant should register a Zoom® account with his/her **HA internet email** and provide the email account in the nomination form. Sign up of a Zoom® account can be done at: <https://ha-org-hk.zoom.us/signup>
- The Zoom® training link, ID and password would be sent to successful nominees at least 5 days before program commencement. Participants should NOT disclose the zoom details to any non-participants of the program.

For enquiry, please contact Ms. Karen LEE, HOCS TO(AH) at 2300 7723 (program) or Ms. Ella Yeung at 2300 7714 (registration).