Prosthetic Driven Digital Implant Dentistry

Surgical and Prosthodontic hands-on workshop

(Activity Code: AGI-03-P172)

Date and Time: Friday 3rd May 2024 - From 8am – 4:30pm

Venue: Qatar University - Building H12 Building

Target Audience: Dentists, Dental Educators, Dental Nurses and Dental Hygienists

Aim: To enhance participants' understanding of the digital workflow for single implant restorations.

Overall learning objectives:

1. Explain the digital treatment planning workflow for single implant crowns.
2. Identify the different protocols and softwares for the administrative, scanning, planning, and designing phases for the surgical guides and single implant crowns.
3. Present practical exercises for Intra oral scanning and implant placement.

Chair and Moderator:

Dr. Alaa Daud: Assistant Professor of Restorative Dentistry, College of dental medicine/ QU.

Speakers

- Professor Atef Shaker, Cairo University, Egypt.
- Professor Khaled Al Hamad, Qatar University, Qatar.
- Dr Khalid Said, Hamad Medical Corporation, Qatar.
- Dr Amer Shatta, Hamad Medical Corporation, Qatar.
- Dr Ayad Athamneh, Hamad Medical Corporation, Qatar.

* The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.
* "This activity is an Accredited group learning activity (Category 1) as defined by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum number of 5 Hours."
* "CPD-HP (QU—Health) is accredited by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section (DHP – AS) as a provider of continuing professional development."

Activity schedule:

Time	Schedule and Learning outcomes	
8:30:9:00	Opening of Onsite Registration	
9:00- 11:00	**Digital treatment planning and workflow for implant dentistry** **Session learning outcomes:** o Describe the digital protocol for the treatment planning, including: o the administrative and scanning workflow. o the planning workflow with Cone bean computed tomography and Intra oral scanning alignment. o the design workflow for the surgical guide.	
11:00- 13:00	Prayer & Lunch break	
13:00- 15:00	**Surgical implant placement (In vitro hands on training).** **Session learning outcomes:** o Apply the surgical protocol for single implant placement in a typodont model.	
15:00- 15:30	Coffee break	
15:30- 16:30	**Digital implant prosthodontics (In vitro hands on training).** o **Session learning outcomes:** Apply the digital impression protocol for single implant with Titanium base abutment, Scan body, Intra oral scanning device, and a typodont model.	**Computer aided design workflow for implant crown (Demonstration).** **Session learning outcomes:** o Demonstrate the workflow for the Computer aided design software for implant abutment and monolithic implant crown design.