

Members Present: Drs. Piriya Boonsiriphant (Chair), Salahaldean M.A. Abuhammoud, Omar A. Alburawi, Chris Barwacz, Amira Elgreatly, Manuel R. P. Gomez, David A. Jones, Theodoros Katsaros, Ahmed Mohamed Mahrous, Mr. Chuck W. McBrearty,

Absent: Drs. Michelle Krupp, Kyle M. Stein, Mr. Ivan N. Medin

Meeting called to order 12:05 p.m.

- I. **Approval of November 13, 2019 minutes** – Dr. P. Boonsiriphant
MOTION: to approve the minutes as submitted and seconded.
MOTION APPROVED.

- II. **New Committee Member Introductions** – Dr. P. Boonsiriphant
Dr. Boonsiriphant welcomed new members Dr. Chris Barwacz from Family Dentistry and Dr. Amira Elgreatly from Operative Dentistry to the Health Technology Committee.

- III. **Digital Technology Curriculum Presentation Update** – Drs. Boonsiriphant & Krupp
The Digital Technology Curriculum presentation was given to the administrative staff and Dean Johnson during the Administrative Staff meeting on Tuesday, December 10. The presentation received positive feedback from the deans. Digital curriculum will also be a topic of discussion at the Dean's retreat January 6-9.

Committee feedback and input regarding digital technology and designer:

- There should be other facilitators, possibly another person from each department to help with students learning digital equipment, as it would be a lot for one central lab technician to handle.
- There are P3 initiative grants. It is estimated at 15 million a year. The Health Technology committee should consider putting together a proposal for funding.
- Should the college consider finding someone that is not is not certified but give them a time frame to get certified?
 - This is currently being discussed as we require a CDT and digital experience, but most applicants have one or the other, not both.
- The college needs the digital designer to have knowledge of IT in general. If someone doesn't know how to deal with software, it becomes challenging.
- There are things that can be done by faculty too. This topic should be included in the digital curriculum meetings.
- Look at other ways to fulfill these duties. Internally, students can scan and design, then send off to another facility to mill. Possibly have a partnership with a commercial lab?
 - Partnerships would be considered as a second phase.
- Have a director and key players throughout the college for digital dentistry.
- Hire someone who is able to streamline the process.
- Begin with the end in mind. The college is here to create informed dental students and how does the college teach that knowledge?
- What are the suggested learning outcomes that our students must have to graduate? This is spread out and students are not competent in areas they should be.
- Focus on training faculty more and use the technician for the technical issues.

- New faculty need to be made aware of processes that this committee have come up with. In addition, faculty need to be aware of location/number of scanner and mills to be able to teach different types of CAD/CAM restorations. Processes and protocol are located in the share drive and in the Intradent. Processes, forms and videos are available on the shared drive.
- Create an optional training course on ICON for faculty or students?
- Establishing annual reoccurring dates for training sessions.
- Start a study club that meets once a month and could be a source for training faculty.
- Create a course on ICON or a folder on share drive? We can put all digital technology lectures, videos, information in it.

IV. **Protocol for True Definition Contract** – Mr. Medin

Tabled due to Mr. Medin's absence.

V. **Follow-up on Equipment Maintenance & Protocols** – Dr. P. Boonsiriphant & Mr. Medin

Mr. McBrearty has added the location of CAD/CAM devices to Axiom. Mr. Medin will laminate and attach to each machine, printed maintenance and equipment protocols. Dr. Krupp will be sending out an electronic version out to the entire college.

VI. **Request – 3D Printer (Orthodontic Department)** – Dr. Jones (attachment)

ORDN has submitted a request for a 3D printer. This printer will allow faculty to use software to design clear aligners. This will benefit the ORDN program and patients financially. There are a lot of private practices as well as other departments within the College of Dentistry that are already using this technology.

MOTION: to approve request by ORDN to purchase a 3D printer as submitted in attachment.

Motion seconded.

MOTION APPROVED

VII. **Roundtable Comments** – Dr. P. Boonsiriphant

- Mr. McBrearty commented that the speed of uploads in the simulation clinic has been improved. Previously it took 4 ½ minutes to scan on the old system and it now takes 45 seconds. It requires to be plugged into networking port (instead of using wireless) at each pod. There has not been any update on when Windows 10 will be installed. Mr. McBrearty or Dr. E. Teixeira will follow up with Betsy.

Next Meeting: February 11, 2020

Minutes recorded: Ms. Brenda Selck