

**Members Present:** Drs. Piriya Boonsiriphant (Chair), Salahaldeen M.A. Abuhammoud, Omar A. Alburawi, Chris Barwacz, Amira Elgreatly, Manuel R. P. Gomez, David A. Jones, I. John Syrbu, Kyle M. Stein, Erica C. Teixeira, Marcus A. Vargas, Michelle Krupp, Mr. Chuck W. McBrearty, Mr. Ivan N. Medin, Mr. Kyle Bennett (D1), Mr. Andrew Brill (D2)

**Absent:** Drs. Theodoros Katsaros, Ahmed Mohamed Mahrous, Brian Howe, Ms. Gracie Deery (D4)

Meeting called to order 12:03 p.m.

- I. **Approval of May 13, 2020 minutes** – Dr. P. Boonsiriphant  
**MOTION:** to approve the minutes as submitted and seconded.  
**MOTION APPROVED.**

- II. **Update Donation of 2 Refurbished Mills** – Dr. E. Teixeira  
The two refurbished milling units that Dentsply is donating have not arrived yet. The donation will go through the University Foundation before arriving at the College of Dentistry, making it a lengthy process. Dr. Teixeira has reached out to Dentsply but has not received a response. Dr. Barwacz has agreed to follow up in contacting Dentsply. Once the milling units arrive, they will be placed in the SIM clinic. Mr. Medin will be the contact person once the units are on site.

**ACTION ITEM:** Dr. Barwacz will provide an update on the milling units during the next Health Technology Committee meeting.

- III. **Update Windows 10 Intraoral Scanners** – Mr. C. McBrearty  
A full upgrade is needed for the 5 older intraoral scanners and only a software update is needed for the 5 new intraoral scanners. Mr. McBrearty has attempted to contact Dentsply to get these updates completed and has not received a response.

**ACTION ITEM:** Mr. McBrearty and Mr. Medin will reach out to Dentsply tech support as well as reach out to Betsy Etsworth to inquire if CoD IT can install the updates.

- IV. **Current Status of Technology Requests in Departments** – Committee
- ORDN – All material for 3D printer has been ordered and received. 3D printer is up and running and has been used for COVID response.
  - FAMD – Will have an update at the next Health Technology Committee meeting on the 2 PCs for digital planning.
  - ENDO – Dr. Gomez will reach out to Dr. Fabricio Teixeira regarding the Gentle Wave request to move forward since Mr. McBrearty has given the okay from IT.
  - PERIO – Will update during a future Health Technology Committee meeting since the purchase of four Nupro Freedom Cordless Prophylaxis units was approved in May 2020.
  - Digital curriculum – The Digital Advisory Council will start up again in September, after the fall semester is going. It is in a period of stasis; however, the group plans to look for external funding.

V. **Committee Goals for next AY** – Committee

- FAMD incorporated several different technologies such as CAD/CAM indirect restorations, more digital photography as well as using the Cerec units more often. Opportunity to further develop digital photography skills throughout the curriculum should be considered.
  - Guidelines for photography use would be helpful to avoid discrepancies among all the courses that teach photography.
  - PERIO does a photography workshop.
- ORDN recently incorporated digital printing for retainers and diagnostic models. There has been a huge advantage when it comes to patients losing a retainer. ORDN is able to generate a new retainer without the patient coming into the office.
- PROS is still teaching digital dentistry with the majority being taught in the D1 year. Dr. Holloway is looking into ways to close the gap in the D1/D2 years, possibly moving the implant course to the fall.
- OPER has intraoral camera exercises in the D1 year, onlays and digital photography starting in the D2 year, and trim implant presentation in the D3 year. Scanning is introduced in the D1 year and carried through the D3 year. 3D printing is used for different courses.
- The SIM clinic used to have compare software, which was another useful feedback tool for the students. It has been discussed using Prep Check but there is a significant cost with it. True Shape is also another software option. There is a free option used by Nebraska and Colorado that compares STL files.
- Dr. Krupp would like more discussion about experiences across the different years, such as the digital photography, looking for common threads

ACTION ITEM: Drs. Elgreatly, Mahrous and Mr. Medin will look into this and report their findings at a Health Technology Committee meeting in the next AY.

**Next Meeting: AY 2021 – August 2020**

Minutes recorded: Ms. Brenda Selck