

Members Present: Drs. Erica Teixeira (Chair), Piriya Boonsiriphant, Manuel Gomez, David A. Jones, Leo Marchini, Patty Meredith, Rodrigo Rocha Maia, Marcos Vargas, Theodoros Katsaros, John Syrbu, Trishul Allareddy, Ron Elvers, Mr. Charles W. McBrearty and Mr. Ivan Medin

Absent: Drs. Zeina Al-Salihi, Kyle Stein, Lily T. Garcia, Galen B. Schneider, Kyle Nicholson (D3) and Elliott Glenn (D4)

Guest: Dr. Chris Barwacz

Meeting called to order 12:06 p.m.

I. **Approval of February 14, 2018 minutes** – Dr. Teixeira

No meeting held March 2018

MOTION: to approve the minutes as submitted and seconded.

MOTION APPROVED.

II. **Work Group Report: Light-curing Units** – Dr. Teixeira

- A. The committee spoke at length about the lighting-curing units at the last meeting, including a presentation from Dr. Armstrong about his research on the topic. Dean Scott Arneson and Purchasing met and due to the special characteristics and durability of the VALO® Grand, a bid process is not necessary. Implementation will begin with D4s in the Family Dentistry clinics; each student will have a light-curing unit.
- B. Initial plan is to implement in Family Dentistry. Current light-curing units will be used as backups elsewhere. As the older units fail, additional VALO® Grand may be purchased.

ACTION ITEM: revisit in 6 months to discuss implementation into other clinics.

III. **Work Group Report: Longevity of E4D** – Dr. Teixeira

- A. Dr. Boonsiriphant, Ivan Medin, operative faculty and prosthodontic faculty met to discuss longevity of the E4D scanners. Dr. Boonsiriphant tried PrepCheck and deemed it satisfactory, considering it will be used for the scanning experience and not for determining grades.
- B. Work Group consensus to use a single system in the simulation clinic - CEREC. There might be a new CEREC scanner to be announced September 2018.
- C. E4D is problematic for students, in part due to dated technology. E4D has a new scanner, but the software is the same as the current one.
- D. Work Group will review costs for additional hardware/software. Will need enough scanners to support both clinic and sim clinic. Currently using 5-8 in the sim clinic and 2-3 in clinic.
- E. AxiUm scheduler must be used to reserve; data used to track use and justify additional purchases.
- F. A new cleaner was purchased to manage sleeves for the Omnicam scanners. More sleeves might be needed in the future.
- G. Consider moving E4D units for teaching when DS provide implant treatment, digital support for clinical curriculum.

ACTION ITEM: Disseminate message to all departments that scanners must be scheduled through axiUm scheduler.

ACTION ITEM: Work Group develop list of needs and associated costs for consideration. Follow-up in six months.

MOTION: to move forward supporting one system – CEREC – in the simulation clinic; wait for new version.

MOTION PASSED.

IV. **D3 Interest in Electric Handpieces** – Drs. Teixeira and Garcia

- A. D1s and D2s are using electric handpieces per our implementation plan.
- B. Dr. Syrbu met with D3s about having a training session on plastic teeth during their D4 orientation. Also, he may have the electric handpieces available for use in DAU.

ACTION ITEM: Dr. Syrbu to review at next HTC meeting.

V. **3Shape Lab Scanner** – Mr. Medin

- A. The 3Shape Lab Scanner is a lab scanner with high efficiency; takes 30-40 seconds to scan. STL files from different scanning systems can be imported to print models and files can be sent to surgical guides made, etc.
- B. Central IT is in process to approve use of the dongle/license. 80% of commercial dental laboratories in the industry use this type of scanner.

ACTION ITEM: Dr. Garcia will message faculty when scanner support is available.

ACTION ITEM: Ivan will offer training for faculty once scanner support is ready.

VI. **Endodontics acquisition – I-Pads** – Mr. McBrearty

- A. The Department of Endodontics accepted an iPad-operated handpiece donation from DENTSPLY. Endo received 2 gifted and purchased 2 additional handpieces. Any rotary system on the market should be able to be used on this.
- B. All purchases and donations must be reviewed and vetted to ensure compliance in IT and address sterilization specifications. It is a wireless system that manages handpiece settings through the iPad. Dr. A. Williamson sent a request to Dr. Teixeira in regards to this.
- C. Any and all hardware and software must be vetted either through the Health Technology Committee; the process outlined as follows:
 - Complete the Technology Request Form
 - Send the form to the Health Technology Committee.
 - HTC routes request for evaluation specifications related to sterilization (Mr. Curtis, and Information Technology (Mr. McBrearty).
 - HTC makes recommendation whether or not it is beneficial and submits to the Associate Dean for Education.
 - The ADE submits to Dental Administration who make the ultimate decision on purchasing new technology.
- D. Chuck expressed his concerns about the possibility of having the Bluetooth-functions hacked. For this reason alone, this requires appropriate vetting to ensure that patient injuries do not occur.

ACTION ITEM: IT review required. Sterilization review required. Communication to HTC members will be through email or discussed at an upcoming HTC meeting.

VII. **CEREC Training – Feedback** – Dr. Barwacz

- A. Dr. Barwacz attended CEREC training in December 2017. He supported the time as beneficial and useful training and suggested more faculty should attend.
- B. Dr. Barwacz and Ivan are working together to create surgical guides for implant placement. Other ideas included having dental students digitally wax a crown and create a surgical guide.
- C. The committee discussed having faculty who previously attended the CEREC training, “train” colleagues in use of the scanning technology.

ACTION ITEM: Dr. Teixeira will meet with Family Dentistry Group Leaders to organize training and get feedback regarding digital initiatives for the D4 year.

Next Meeting: Wednesday, May 9, 2018

Minutes recorded: Ms. Lauren Moniot