

Members Present: Drs. Piriya Boonsiriphant (Chair), Manuel R.P. Gomez, David A. Jones, Theodoros Katsaros, Mr. Charles W. McBrearty, Mr. Ivan N. Medin, Patricia K. Meredith, Rodrigo Rocha Maia, Erica C. Teixeira, Marcos A. Vargas, Brian Howe, Lily T. Garcia, Michelle Krupp

Absent: Drs. Salahaldeen M.A. Abuhammoud, Omar A. Alburawi, Ahmed Mohamed Mahrous, Kyle M. Stein, I. John Syrbu, (D4) Gracie Deery

Guest: None

Meeting called to order 12:04 p.m.

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

- II. **Introduction of Committee Members**– Dr. P. Boonsiriphant
- Due to absences, introductions will be done during the October meeting.
 - Congratulations to Dr. Lily T. Garcia on her new position at UNLV.
 - Congratulations to Dr. Erika Teixeira on her new position as DEO of the Department of Operative Dentistry.
 - Congratulations to Dr. Michelle Krupp for receiving her Doctorate in Education in graduation ceremonies on August 2, 2019.

- III. **Charge of the Committee** – Dean Johnsen (see attachment)
Due to Dean Johnsen's absence, the Health Technology Committee Charge will distributed with the minutes. Committee members are encouraged to read the minutes.

- IV. **CEREC Training – June 2019; attendance, purpose** – Dr. E. Teixeira
Dr. Nancy Reeves came to the University of Iowa College of Dentistry the second week in June for in house training. The 2 day training was attended by 3 Prosthodontics, 2 Operative, 1 OPRM, 1 Preventive and Community and 1 Family Dentistry faculty. Feedback on the training was overall positive. This was a change from previous years when the College of Dentistry would send 2 faculty to Charlotte for the training.

- V. **I:\share\Health Technology Committee-Protocols** – Dr. E. Teixeira
Training materials have been added to the shared drive for new or current faculty to access. The training materials are in the process of getting put on the Intradent.

Dr. Restrepo-Kennedy, Dr. Aditi Jain and Dr. Peter Boonsiriphant are working to develop a manual to use prep-analysis (feature from CEREC 4.6 designer software) in the simulation clinic courses. This could be posted on the shared drive when finalized.

- VI. **Image/Data Processing – Time Lapse in Simulation Clinic** – Mr. C. McBrearty
Students are scanning too much which slows the machine and causes a backup.
Discussion on how to improve:
- Move the location where the files are saved, which would help with speed issues, but not entirely eliminate them.

- Include a manual to guide students in scanning more efficiently.
- Train the D1 students on how to properly scan by adding more emphasis in the scanning exercise in Dental Anatomy.

ACTION ITEM: Chuck will discuss moving the location where files are saved with ITS.

VII. **Dentsply Sirona Gift-in-Kind – Milling Unit location, CDT Support** – Dr. E. Teixeira

The University Of Iowa College Of Dentistry will be receiving 2 refurbished milling units as a gift in a few weeks. Prior to the arrival of these units, where these will be located will need to be discussed prior to arrival.

MOTION: Place both mill units in SIM Clinic. Motion was seconded but failed due to discussion regarding CDT Digital Designer.

VIII. **CDT Digital Designer – Course Request Support Needs, etc.** – Dr. Garcia

The Health Technology Committee was instrumental in bringing in a digital designer.

Dr. Boonsiriphant, Dr. Ahmed Mohamed Mahrous (Work Group Chair), Dr. Marcos Vargas, Dr. Theo Katsaros, Mr. Ivan Medin, Dr. Michelle Krupp have volunteered to start the work group to gather information including investment in digital equipment, data from Mr. Ivan Medin's work, cost-effectiveness, student experience, current curriculum in both undergrad and post grad.

ACTION ITEM: Dr. Teixeira will contact Dr. Boonsiriphant with a volunteer name from Operative to add to the work group.

ACTION ITEM: Work group will meet to brainstorm and collect information from each department and create rationale to support hiring of a collegiate digital designer.

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

Mr. Chuck McBrearty requested volunteers from Operative and Prosthodontics to view two different options of privacy screens for computers in the SIM clinic. These screens have been requested due to privacy issues during exams. Dr. Erica Teixeira, Dr. Boonsiriphant and Dr. Jones volunteered. There is a \$100 price difference and the less expensive option is more difficult to apply and remove to the computer screen.

Next Meeting: October 9, 2019

Minutes recorded: Ms. Brenda Selck

Health Technologies Committee

This committee is charged to identify, appraise, and propose use of current and emerging oral health care technologies pertaining to patient therapy, to include but not limited to alloplastic materials such as current and emerging implant therapies and associated protocols, and adjunctive technologies such as those in digitally-designed dentistry that enhance the educational mission to improve the quality of education and quality of patient care. The committee will communicate advisory reports to the Associate Dean for Education.

1. Review and vet the new technology submissions for use in the College.
2. Review and improve the protocol by which new technologies are introduced for committee consideration.
3. Form Work Groups – *ad hoc* – to manage complex issues, programs, or technologies prior to full consideration by the committee.
4. Provide recommendations to the ADE after complete vetting by the committee for introduction into the predoctoral education program.
5. When deemed appropriate, request information regarding how a technology is managed and/or who is responsible for teaching in the curriculum.
6. Report current use of technology to ensure appropriate use and/or recommend when a specific technology is no longer considered best practice.
7. Follow reporting mechanisms to track type of inventory, location, responsible individual(s), and preferred agreements.