

Members Present: Drs. Piriya Boonsiriphant (Chair), Salahaldeen M.A. Abuhammoud, Manuel R.P. Gomez, David A. Jones, Ahmed Mohamed Mahrous, Mr. Charles W. McBrearty, Mr. Ivan N. Medin, Kyle M. Stein, I. John Syrbu, Erica C. Teixeira, Marcos A. Vargas, Ms. Gracie Deery (D4), Mr. Andrew Brill (D2)

Absent: Drs. Omar A. Alburawi, Theodoros Katsaros, Rodrigo Rocha Maia, Brian Howe, Michelle Krupp, Mr. Kyle Bennett (D1)

Meeting called to order 12:02 p.m.

I. **Approval of October 9, 2019 minutes** – Dr. P. Boonsiriphant

MOTION: to approve the minutes as submitted and seconded.

MOTION APPROVED.

II. **Health Technology Committee roles** – Dean Johnsen

Dean Johnsen discussed how the Health Technology Committee provides a large portion of the decision making process on recommended new technology for the College of Dentistry. The Health Technology Committee and the Curriculum Committee need to work together as new digital dentistry technology is introduced to the College.

Discussion from the Committee:

- There is a heavy shift toward digital dentistry. Some schools are doing everything digitally and others are mixed. The University needs to find a balance on how we teach conventional and digital dentistry.
- Financing has not always been the main issue. Getting everyone to agree on the direction and implementation of new technology can be difficult.
- Good to have perspective from different departments and it will be a group effort to implement.
- The basis for learning digital technology is there. It is not much different than analog.

III. **Follow-up on Image/Data Processing** – Mr. McBrearty

The equipment has been received. Windows updates on the OmniCams will be done as soon as the vendor can schedule a visit. It should all be ready to go by the start of second semester.

IV. **Follow-up on Blocks Stock vs Request** – Dr. P. Boonsiriphant (handout)

Dr. Boonsiriphant gave out an updated handout that included the CAD/CAM Block usage from August 2018 to August 2019.

Committee discussion on which to keep, order or get rid of:

- Add C2 HT and LT in the inventory
- Stock what we use
- There is an interest in having Zirconia in-house.

Eighty to ninety percent of crowns are being made with Zirconia in FAMD. If we had the choice, we would mill these in house since we have everything except for the oven and the material.

Considerations if milled in house:

- Milling in house would add to the already high volume of things done in house.
- Do students need this kind of experience?
- Cost of milling in house and how many would be milled in house?
- Zirconia is going to grow as a chair side option.

- Clinical education should be invested in more than lab time.
- Does not have to be the standard, but it would be nice to have the opportunity.
- Invest in a new scanner. More time and effort spent teaching students on digital design.
- Students are asking for more digital now and are interviewing at places that are all digital.
- Manipulating a 3D model is the same regardless of outsourcing or material.
- Companies are pushing for more and patients are wanting more as well.

ACTION ITEM: Committee will continue this discussion in the future meeting once another CDT has been hired.

- V. **Windows Software Update on CEREC OmniCam** – Mr. McBrearty & Mr. Medin
Vender has not yet responded to shared services. Five OmniCam's will get new parts and 5 OmniCam's will only get a software update. These updates will be scheduled outside of classroom time as soon as the vender responds.

ACTION ITEM: Dr. Teixeira will contact her contact at the company to get things moving.

- VI. **Protocol for True Definition and Contract** – Mr. Medin
Discussion was tabled due to time.

- VII. **Follow-up Equipment Maintenance & Protocols** – Dr. P. Boonsiriphant & Mr. Medin
Discussion was tabled due to time.

- VIII. **Roundtable Comments** – Dr. P. Boonsiriphant
Time did not allow.

Next Meeting: December 11, 2019

Minutes recorded: Ms. Brenda Selck

CAD/CAM Block Availability

Block Material, Shade and Size	On Axium link	On Axium request form	Inventory	Usage (Aug 2018 - Aug 2019)
CEREC				
e.max CAD High Translucency				
A1-size C14	/	/	/	8
A2-Size C14	/	/	/	12
A3-size C14	/	/	/	20
A3.5-size C14	/	/	/	11
B1-size C14	/	/	/	2
BL1-size C14	/	/	/	-
C2-size C14	/	/	x	3
D2-size C14	/	/	x	2
e.max CAD Low Translucency				
A1-size C14	x	x	/	-
A2-size C14	x	/	/	9
A3-size C14	x	x	/	-
B1-size C14	x	/	/	3
C2-size C14	x	/	x	2
LAVA Ultimate High Translucency				
A1-size 14L	/	/	/	7
A2-size 14L	/	/	/	15
A3-size 14L	/	/	/	11
B1-size 14L	/	/	/	2
LAVA Ultimate Low Translucency				
A1-size 14L	/	/	/	-
A2-size 14L	/	/	/	4
A3-size 14L	x	x	/	-
A3.5-size 14L	/	/	/	5
B1-size 14L	/	/	/	1
BL-size 14L	/	/	/	-
C2-size 14L	x	/	/	2
D2-size 14L	/	/	/	1

***All remaining E4D Blocks are with Mr.Ivan Medin.