Health Technology Committee Meeting Agenda	
September 14, 2016	**12:00 – 12:50; N304 (Dean's Conference Rm)**
Dr. Erica Teixeira, Chair	**Recorder: Ms. Michelle Krupp**

Agenda Items	**Responsible Individual**
1. Approval of August 10, 2016 Minutes	E. Teixeira
2. Electric Handpieces	Vargas
3. Intraoral Camera Request	OPRM

4. Updates:
   • CDT – Digital Scheduling
   • Central Dental Laboratory Support Services
   • Planmeca/E4D – long term consideration
	
	Garcia
	Medin
	Teixeira/Medin

5. DSG – Pursue 3M/True Definition Scanner	Boonsiriphant
6. Next Meeting: Wednesday, October 12, 2016	

Action Items			
Status	**Action to be taken**	**Responsible**	**Due Date**
Pending	HTC Content on Intradent	Maia/Garcia	
Pending	New CDT-Digital Capable	Garcia	
Pending	Educational video tutorials re: digital equipment	Restrepo-Kennedy/Maia/Medin	

Health Technology Committee **(2016-2017)**

Dr. Erica C. Teixeira – Chair
Dr. Zeina I. Al-Salihi
Dr. Piriya Boonsiriphant
Dr. Manuel R. P. Gomez
Dr. David A. Jones
Mr. Charles W. McBrearty
Mr. Ivan Medin
Dr. Patricia K. Meredith
Dr. Michael D. Murrell
Dr. Rodrigo Rocha Maia
Dr. Kyle M. Stein

D4 – TBD
D3 – Elliott Glenn
D2 – TBD
D1 – TBD

ex officio:
Dr. Veeratrishul Allareddy, University Academic Technology
    Advisory Committee
Dr. Ronald D. Elvers, Director of Clinics
Dr. Lily T. Garcia, Associate Dean for Education
Ms. Michelle M. Krupp, Director of Education Development
Dr. Galen Schneider, Executive Associate Dean

Members Present: Drs. Erica Teixeira (Chair), Zeina Al-Salihi, Piriya Boonsiriphant, Manuel Gomez, David Jones, Leonardo Marchini, Patricia Meredith, Michael Murrell, Rodrigo Rocha Maia, Kyle Stein, Marcos Vargas, Lily Garcia, Elliott Glenn – D3, Mr. Ivan Medin, Mr. Chuck McBrearty, Ms. Michelle Krupp

Members Absent: Drs. Trishul Allareddy, Ron Elvers, Galen Schneider

Meeting called to order at 12:01 pm

I. Motion to approve HTC minutes of the August 10, 2016 meeting passed. Welcome to the committee Elliott Glenn – D3 student representative.

II. Electric Handpieces – Dr. Vargas

- Electric handpieces are now installed in five places: PERIO, PROS, FGP, PEDO and FAMD each installation site has a different vendor. Dr. Vargas has trained several faculty so they in turn can train more faculty and assistants. Each faculty trained at this point will train others in their department and they will set up a system of training within their department.
- Trials will start soon and evaluations will be collected. Copies of the evaluation form will be located close to the handpieces so everyone who uses them is asked to provide feedback.
- There has been some problems with some companies and installation. This will be reflected on the evaluation as well since it does/can interfere with how we work.
- Comparative financials on the five vendors is part of the purchasing evaluation.
- Timeline goal – 10 weeks for evaluation, then give to purchasing and present to committee.

III. Intraoral Camera Request – OPRM
- Copy of the request was sent prior to meeting for two Schick USB 4 Intraoral Camera System in two dental treatment rooms. Use of the cameras will be incorporated in Predoctoral D3 curriculum (OPRM 8360).
- Questions –
  o Will the course faculty look at pre-existing conditions? There is a need for increased documentation of the patient's existing conditions which takes precedence and is helpful for case acceptance. Drs. Meredith and Garcia will explore additional options, such as having full arch scans entered into the patient record, virtual casts, for use to enhance the whole process.
  o We need to consider the student - camera ratio. FAMD (Dr. Murrell) research findings may help justify the need in the future.
  o There was discussion on how many cameras OPRM needs to begin. Would there be increased use if more were available? Specialty clinic has 2 cameras, but they are underutilized.

- o Motion to move to allow OPRM to have two cameras but provide more information on utilization and inform the committee if cameras are not being fully utilized as anticipated so other departments can use.

    ACTION ITEM: Motion to approve the purchase for OPRM passed.

IV.   Updates
- CDT – Digital Scheduling – Dr. Garcia
Dr. Garcia & Mr. Medin created a request form to appoint Ivan for duties within specified clinics and/or courses. Ivan's time has to be managed appropriately in order to meet the entire COD needs, focused primarily on predoctoral education. Please be specific on request and what exactly you need from Mr. Medin. Time will be assigned according to skill and duties needed.

- Central Dental Laboratory Support Services – Mr. Ivan Medin

    Issues remain with sterilization protocol and processing, related both to management by staff and scheduling by faculty. Faculty are reminded to schedule use within aXium in order to track usage and future needs.

- Planmeca/E4D – long term consideration – Dr. Teixeira & Mr. Medin
The Planmeca/E4D is used in clinical courses. The warranty expired in July for the nine systems. We will need to consider for the future budget proposals since the cost for warranty $2500 per mill. If school cannot support the system, then courses will need to be restructured.

V.   DSG – Pursue 3M/True Definition Scanner – Dr. Boonsiriphant
- Due to time constraints, this will be discussed next month.

Next meeting on **October 12, 2016.**

Minutes recorded: Ms. Michelle Krupp

Technology Request Form for Patient/Simulation Clinic
(Includes Software Installation)

Faculty/Department Requesting: OPRM

Technology (Equipment/Software) Name: SCHICK USB 4 INTRAORAL CAMERA SYSTEM

Vendor Contact Information: Patterson Dental Company

RETURN COMPLETED FORM TO CHAIR, HEALTH TECHNOLOGIES COMMITTEE

I. Brief description of the purpose of the technology and how it will be used (consider potential learning outcomes, patient care benefits, utility, quality, acceptance and longevity):
Is beneficial for patient education thereby makes it possible for patient to provide educated informed consent for proposed treatment, for follow-up of pathoses, to monitor disease progression. Also building patient-dentist relationship/trust leading to better patient compliance, promoting complete and enhanced treatment outcome due to patient satisfaction.

II. In what location(s) is the technology to be installed?
Operatories 11 and 15 in Oral Diagnosis Clinics.

III. Who is responsible for maintaining software/hardware updates?
Dental Technology and Media Services

Skip questions IV - IX if requested technology not software related:

IV. Hardware specification requirements
Our operatory Dell PCs and monitors meet the essential requirements.

V. How is the software licensed (dongle, PC based, server based)?
PC based

VI. Does the use of the software involve patient protected health information?
Yes

VII. Does the use of the software involve sending data outside the College of Dentistry? Explain. No

VIII. Does the software integrate with axiUm or MiPACS?
MiPACS

IX. Does the software require workstation administrator rights to run?
No

X.   Will the Vendor require remote access? No

XI.   Evidence: Please include evidence available and/or best practices
A vast array of journal articles and commentaries agree that the routine use of intraoral cameras will enhance patient education and promote treatment plan acceptance. Examples include:

The intraoral camera, dental health communication and oral hygiene. Willershausen, Schlosser, Int Dent J, 1999 Apr;49(2(:95-100.

Improved communication benefits provided by intraoral camera systems. Touati, Pract Periodontics Aesthet Dent. 1998 Nov-Dec;10(9):1244-1246

Increasing treatment acceptance with the intraoral camera. Levin, RP. Dent Econ 1994 Nov;84(11):84.

Intraoral camera helps predict and prevent tooth loss. Goldstein, RD. Tex Dent J. 2001 Apr;118)3):235-8.

A literature search reveals only one study which documents a specific benefit:
Incomplete cusp fractures: early diagnosis and communication in patients using fiber-optic transillumination and intraoral photography. Alassaad, Gen Dent, 2011 Mar-Apr;59)2):135-5

XII.   Training: Is there a plan for training (student/faculty/residents/specify users)?
The faculty will be trained prior to using in the Clinics. The students will be trained at the beginning of each Block and will be supervised by the faculty on the Clinic Floor.

XIII.   Cost: How much will it cost? Include any annual maintenance/upgrade fees.
1 camera system at $1997 (retail $4437). No annual fees. 1 year warranty. Maintenance by Patterson Dental. Approximate life span 7-10 years. Disposable sheaths cost 30 cents each. Initial order includes 500 sheaths per camera. To be paid with DSP funds.

   a. if supported by grant or external funding, include account and PI name:
       NA
   b. if a "Gift in Kind" or "Preferred Development Agreement", please see Dean Arneson and include with request form (yes/no/not applicable).
       NA

XIV.   Company characteristics (include name, reason for choice, alternative if company goes out of business, representative contact):
Schick and Patterson are both established and reputable companies. An in-house survey of 5 camera systems resulted in the Schick selection.

XV.   Self-bias or possible conflict of interest:
I find them very useful in patient education especially in the OD Clinics.

INTERNAL USE ONLY

Technology & Media Services Review: Click here to enter text.
Central Sterilization Services Review: Click here to enter text.
Health Technologies Committee Approval: Click here to enter text.
Office for Education Approval: Click here to enter text.
Office for Finance & Facilities:

  Business Associates Agreement required (yes/no): Click here to enter text.
  Business Associates Agreement on file (yes/no): Click here to enter text.
  Purchasing Contract/PO Information: Click here to enter text.

X. Implications for Curriculum – specify if related to predoctoral and/or advanced education curriculum:

a. Identify area of curriculum incorporation: Predoctoral and/or Advanced Education Program(s)
   Predoctoral

b. Responsible individual to submit proposal into existing course or creation of new course:
   Dr. Nidhi Handoo

c. Curriculum proposal for submission to Curriculum Committee for review (include course no.):
   Course num – OPRM:8360 – to integrate and promote patient education in OD Clerkship.

Faculty Signature: _____ Date: 08/31/16

DEO Signature: _____ Date: 9-3-16

Form should be submitted to HTC Chair