

Members Present: Drs. Christopher Barwacz (Chair), Salahaldeen Abuhammoud, Amira Elgreatly, Manuel Gomez, Ahmed Mohamed Mahrous, Erica Teixeira, Marcos Vargas, Brian Howe, Mr. Chuck McBrearty, Mr. Ivan Medin, Mr. Alex Hsieh (D2), Mr. Parker Eller (D3)

Absent: Drs. Piriya Boonsiriphandt, David Jones, Kyle Stein, John Syrbu, Michelle Krupp, Mr. Kelby Scandrett

Meeting called to order 12:02 p.m.

I. **Approval of September 9, 2020 minutes** – Dr. Christopher Barwacz

MOTION: to approve the minutes as submitted and seconded.

MOTION APPROVED.

II. **Restructure Collegiate Rx Form** – Dr. Barwacz

Dr. Barwacz gave a brief overview (attached) to the HTC regarding the workflow shortcomings and confusion regarding the current Collegiate laboratory prescription form(s). It was noted that digital file communication (e.g., shade photographs, STereoLithography [STL] files, other eDossa files) and contemporary prosthetic materials used in clinics (e.g., zirconia restorations, lithium disilicate restorations, etc.) were not represented on the current form, resulting in confusion for students and faculty. A proposal was discussed regarding updating the current Rx form in a fillable PDF that could be sent either digitally or printed and completed conventionally. Dean McBrearty also recalled that there is an axiUm laboratory module, that was last evaluated by Dean Schneider several years ago, but was found to be cumbersome and inadequate for the College's uses. It was recommended in addition to other approaches, to revisit what changes/updates had occurred since this last review. A HTC Rx Form Workgroup was formed to investigate options moving forward, of the following individuals:

- Dr. Salah Abuhammoud
- Dr. Ahmed Mahrous
- Mr. Ivan Medin
- Dean Charles McBrearty
- Dr. Chris Barwacz

Dean McBrearty will coordinate a Zoom conference with the axiUm developers at Exan to review the axiUm lab module for the workgroup members.

III. **Collegiate Mill Location & Software Update** – Mr. Medin/Dr. Barwacz

Mr. Medin reported that the software update for the Omnicam intraoral scanners went smoothly, there have been no reported complications as a result of the update. Dr. Barwacz noted that two additional in-kind donations from Dentsply Sirona of CEREC MC-X mill units were to be received in the next ~6 weeks, with one mill to be assigned to the Sim Clinic and the second unit to the 2nd floor Operative Dentistry support laboratory.

IV. **Workshop: Basics of Indirect Digital Restoration** – Drs. Teixeira & Barwacz

Drs. Teixeira and Barwacz proposed to the HTC the idea of a digital dentistry course for faculty that were interested in becoming proficient with digital dentistry. Drs. Abuhammoud and Mahrous proposed a mini-course, which would allow different topics of interest to be explored in smaller discrete workshops. Potential topics/areas of interest that were discussed were the following:

- Digital crown workflows
- Digital onlay workflows
- Digital veneer workflows
- Digital implant surgical guide workflows

A Qualtrics survey that will be sent to faculty in Q1, 2021 by Dr. Barwacz to gauge overall interest and on specific topics will be disseminated and shared with the HTC to decide on next steps.

- V. **Roundtable Comments** – Committee
None at this time

Next Meeting: January 20, 2021

Minutes recorded: Dr. Barwacz (Brenda Selck absent)

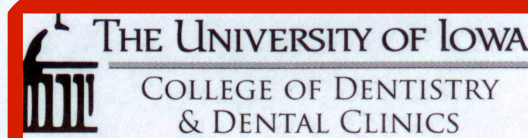
Updating Collegiate Rx Forms

HTC Workgroup

November 11, 2020

Fixed/Implant
Advanced Payment

eDosse photos sent



DOB: 05/20/1965

Student/Doctor _____

Patient _____ M F Age _____

Date _____ Tooth #'s _____

Lab _____

Account _____

PO# _____

Total Charge _____

Remake yes ☐ no ☐

Return Date/ Time

Master Cast _____

Wax-Up _____

Framework _____

Bisque _____

Finish _____

Master Casts: _____ pour & pin _____ return to trim dies _____ mount

Restoration: _____ PFM _____ ACC _____ FCC _____ FPD _____ (range)

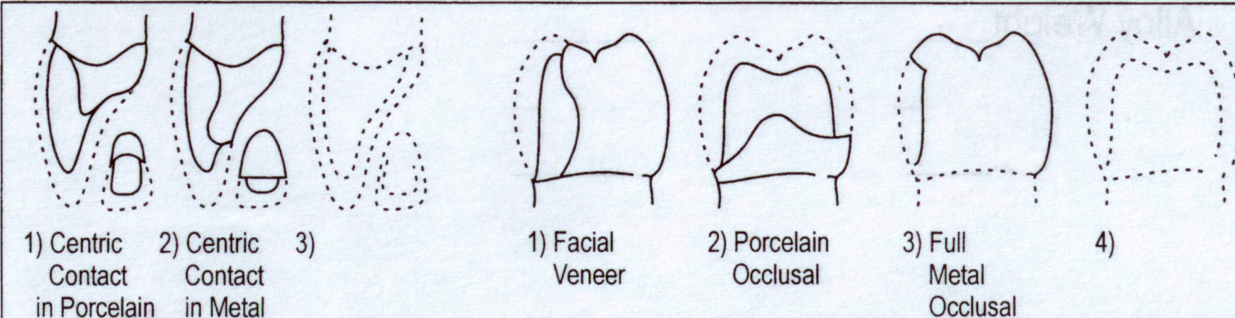
Facial Margins: _____ mm metal collar _____ porcelain shoulder _____ disappearing

Proximal Contacts: _____ metal _____ porcelain

Occlusal Contacts: _____ metal _____ porcelain _____ Post Core

Protrusive Contacts: _____ metal _____ porcelain

Lateral Guidance: _____ canine _____ group tooth #'s _____



Alloy: _____ HN, _____ N, _____ Base, _____ Specific Material

PONTIC DESIGN



Modified
Ridge Lap



Conical



Hygienic



Ovate

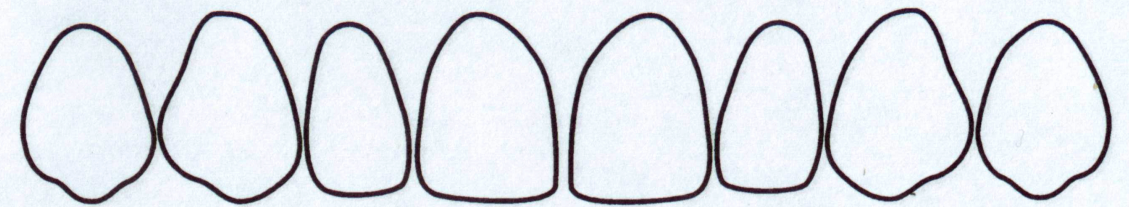


Faculty Signatures

Clinical Instructor: _____ Lab Tech: _____

Laboratory Authorization: _____ Date: _____

Porcelain Characterization



Surface Texture: _____ Smooth _____ Moderate _____ Heavy

Luster/Glaze: _____ High _____ Moderate _____ Dull/Low

Shade _____ Guide _____ Tab _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17

Special Instructions

1. STL files:

- Digital wax-ups
- Printed models
- Master impressions

2. Digital photography:

- Shade
- Contour, texture, etc.

3. Update prosthetic materials:

- Zirconia (3Y, 4Y, 5Y)
- Lithium disilicate (HT, MT, LT, other ingots)
- monolithic vs. layered

4. Fillable PDF Rx form for digital cases in addition to carbon version