

Schulich Prosthodontic Cases Explained

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A note on this document

I set out to make a single document that detailed the administrative aspects of all prosth procedures done at this school in easy to understand terms. This has been a project on the backburner since August. Now that I actually have prosth cases coming in, I felt the need to finally get it finished. On that note, I hope you find this helpful and easy to follow. I've broken down each prosth tx into steps, and the steps that involve bringing a pt into the clinic are denoted with "Appt." As always, if you have any questions, please send them my way. 😊

Cheers,

Greg

For all prosth cases:

Complete prosth authorization form + perio assessment for prosth tx form (if no surgery needed, have prosth instructor sign it; if sx needed, have perio instructor sign it). ***This form must be completed for all prosth tx on natural teeth and if doing cast RPD.**

Throughout all steps below, update Work-Up fixed/removable tab in SALUD with each step (and have it signed by covering instructor). – all steps signed by instructor during case room authorization time in the Case Room.

Fixed Prosthodontics

Prosthodontic Cases done at this school:

PROSTHODONTIC CASES

- SINGLE UNIT CROWNS ON NATURAL TEETH/IMPLANTS
- SHORT SPAN FPD ON NATURAL TEETH/IMPLANTS (3-4 UNITS)
- VENEERS
- ONLAYS (Operative Dentistry)
- COMPLETE DENTURES/LOWER IMPLANT RETAINED OVERDENTURES
- REMOVABLE PARTIAL DENTURES
 - *CAST*
 - *TRANSITIONAL*
- REPAIRS/RELINES
- MOUTHGUARDS

Things that need to be done before beginning tx:

TREATMENT PLANNING

- Tx Plan signed – at OD or Prosth consultation appointment
- Consent for Tx signed
- Perio assessment for Prosthodontic Tx completed
 - *No surgical procedures needed = signed by Pros. Instructor*
 - *Surgical procedures needed = Perio consult and Perio Instructor approves procedure*
- All radiographs (PA, BW and PAN) interpreted
- Diagnostic models, two sets – Use PVS alginate substitute (Imprint®) for Dx impressions (multiple pours)
 - *Archives – unmounted – case room – obtain authorization (Case room Heather Cook)*
 - *Actual tx plan – mounted – not to be modified – obtain authorization Case room*
 - *Duplicate arch(es) to be treated and mount models = working models – obtain authorization Case room*

Step 1/Appt 1

At DPR or prosth consult/first prosth appt:

- complete perio assessment for prosth tx form (if no surgery needed, have prosth instructor sign it; if sx needed, have perio instructor sign it). ***This form must be completed for all prosth tx on natural teeth and if doing cast RPD.** See below image for details.
- Complete prosth approval form in SALUD and have it signed by instructor (complete one column per tooth involved with prosth tx – recommended by Ibarra).
- Obtain all necessary radiographs (typically PAs + BWs, but pan may be necessary).
- Have pt sign consent for prosth tx form in SALUD.
- Take impressions using Imprint (****Imprint used for ALL fixed cases and cast RPDs**); get imprint & pentamix mixer from assistant at dispensary (1 tag). Use stock trays and adhesive.
- Take facebow and CR records.

PERIODONTAL ASSESSMENT FOR PROSTHODONTIC TREATMENT

- To be filled out in pros. or General Practice cubicle.
- St. fills out form, PA's and BW's required
- Pt. Present during authorization appointment
- Pros/General Practice instructor assesses and verifies findings:
 - *No surgical procedures needed*
 - Pros/GP Instructor provided approval
 - *Surgical procedures needed*
 - Pros/GP Instructor requests Periodontal consult
 - Periodontics Instructor assess case
 - *Approves Sx procedure*
 - *Rejects Sx procedure : modify Tx plan*

Step 2

Pour up the following casts in type 3 microstone:

- Upper and lower for Archives (unmounted), Submit to case room for authorization.
- Upper and lower mounted (dx models) – **not to be modified** – Submit to case room for authorization.
- Duplicate arch(es) to be treated and mount these. These are working models. Submit to case room for authorization.

Step 3

When models are approved, perform tooth/teeth prep on working model, then submit to case room for authorization.

Step 4

If making a bridge, take an alginate impression of the authorized prepared working model and make a duplicate model. This will help when doing intraoral preps. If not doing a bridge, no duplicate of prepped working model is needed

Make diagnostic wax-up of proposed resto(s), submit to case room.

Note: If your prosthetic tx requires a custom incisal guide table, this needs to be approved from case room.

Step 5/Appt 2

Once diagnostic wax-up authorized, proceed with intraoral tooth prep and definitive impression. Switch charting in SALUD from Planned to IPR at end of this appt. **At end of this appt, make sure pt pays lab fee.**

Step 6

Pour up master cast (using jade stone) from definitive impression. Submit the following to the case room for pindexing (see images below):

- Master and solid casts properly labeled (i.e., A and B, or Master and Solid)
- Definitive impression
- Work authorization form (see below)
- If rejected, you will be notified and will find a note on the back of the submitted form.

Work Authorization for Master Cast Fabrication

STUDENT _____ YEAR _____ CASE TYPE: _____

PATIENT _____ LOG #: _____ LAB: _____

Please circle abutments, pontic regions, and arch segments as specific units with lines below indicating the exact number and approximate location of pin placement (label individual dies and pontic spaces).

_____ Date Sent _____ Laboratory Approval _____

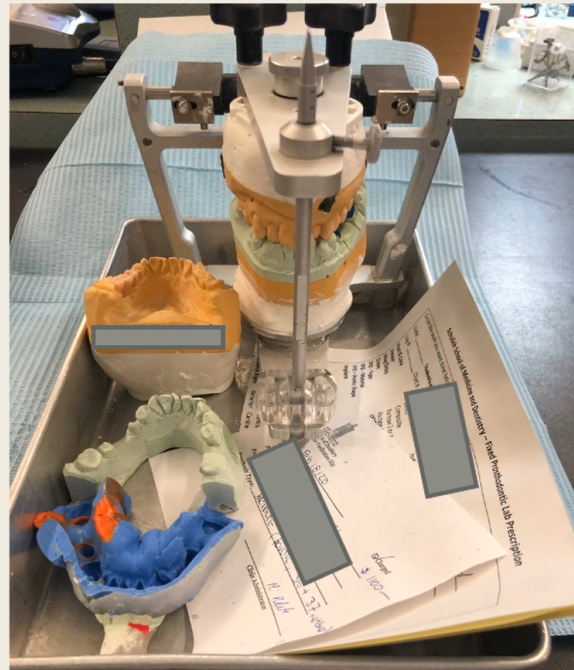


Step 7

You'll be notified once case is back from pindexing. Pick it up from case room (Heather). Submit case, which includes mounted master cast on articulator and opposing arch model that is already mounted. See below for what to include for case fabrication (final submission):

TX PHASE – FIXED – CASE SUBMISSION

- Case mounted on articulator
- Solid cast & definitive impression
- Dx Wax-up models
- Fixed Prosthodontics Lab. Prescription form
- Work up Fixed Form previously approved
- Case Progression tab fill out in Salud
- Office Verification Slip (O.V.S.) signed from Front Desk staff
 - During Definitive Impression appointment patient must pay lab fee



Examples of fixed prosth lab Rx (we have an example of this from second year prosth class) and OVS (office verification slip):

School of Medicine and Dentistry: Fixed Prosthodontic Lab Prescription

Circle the work you want done below

Date: _____ Student Name: _____ My Articulator Number: _____
 Class Year I am in: _____ Sex: M F Age: _____
 Post & Core Chart # _____ Patient: _____ Au _____ AgPd _____

Veneer Direct _____ Indirect _____ Ceramic _____
 Inlay/Onlay Au type 2 or 3 _____ Ceramic _____
 Crown Au type 3 or 4 _____ PFM Alloy _____ All Ceramic _____
 FPD-Type Conventional _____ Castilever _____
 FPD-Material Au type 3, 4 _____ PFM alloy _____ Ceramic _____
 FPD-Pontic shape Hygienic _____ Modified Ridge Lap _____ Ovate _____
 Implant Crown _____ FPD _____

DESIGN

Margin Porcelain shoulder _____ Disappearing _____ Metal Casing _____
 Occlusal Porcelain _____ Metal _____ Metal/Porcelain _____
 Proximal Contact M/D Porcelain _____ Metal _____
 Lingual Porcelain _____ Metal _____

OCCUSAL DETAILS

Guidance left Anterior Cuspal NW Group _____ Progressive Group _____
 Guidance Right Anterior Cuspal NW Group _____ Progressive Group _____
 Centric Relationship CR/MT _____ MT _____

Shade Guide used: _____ Tab _____ for detailed shade instructions A special shadeguide form is available.

18 27 16 15 14 13 12 11 21 22 23 24 25 26 27 28
 48 47 46 45 44 43 42 41 31 32 33 34 35 36 37 38

• Please fabricate Full Gold Crown tooth # 36
 • Apply 2 layers of die spacer or correspondent to 75µ of thickness
 • Wax up crown to full contour and cast in gold Type III
 • Margins outlined in red
 • Incisal pin @ 0 – Round end down
 • Condylar guidance L : 30° R: 30°
 • Occlusal contacts present at : 48/18, 46/16, 45/15, 43/13, 11/41, 42 21/31-32, 23/43, 26/36
 • No working, non-working or protrusive contacts on crown.
 • Adjust proximal contacts on solid cast
 • Return with occlusal surface sandblasted

THANK YOU !!!

Return to me as: Waxup Casting Bisque-Bake Finish **Note required:** _____
 Lab Used: _____ Remake: _____ Instructor's Signature: _____

Western School of Dentistry
 Office Verification Slip

Date: _____ Charged

Student: _____
 Patient Name: _____
 Patient Number: _____
 Prosthesis Type: _____

 Clinic Administrator

Step 8

In approx. 10 working days, will get the case back from the lab. If accepted by lab, proceed to next step of treatment. If rejected, you'll receive a voicemail from Heather stating why it was rejected. Fix the issue and resubmit. Be sure to write in Case Progression tab in SALUD that it is the second submission and get it approved by instructor before resubmitting to lab (via case room).

Step 9

When you get the case back from the lab/case room, perform the Lab quality checklist (part of the Work-Up Fixed tab in SALUD) on your mounted master model. See image below. If there's an issue, specify what the issue is on the checklist and have your instructor sign off, then resubmit to case room and it will get fixed. In another 10 working days, you'll get it back from the lab/case room. Do another quality check. If all is good, have checklist signed off by instructor, then proceed with next step of tx.

TREATMENT PHASE – FIXED Pre-Cementation Check List

- Case room will notify student when case is back from lab
- Student to complete Lab. Quality Checklist at case room
- Submit case back for Instructor's Authorization
 - *Instructor's name besides the OK*
 - *If not authorized, feedback on the form*
- Not to be authorized during clinic session

The screenshot shows the SALUD software interface for a 'Prost/Implant Chart'. The patient name is 'PANO CHART'. The 'Form' tab is selected, and the 'Work-Up Fixed' sub-tab is active. The 'Lab Quality Checklist' section is visible, with a red arrow pointing to it. The checklist items are: Structural Detail: OK, Margin Integrity: OK, Occlusal Adequacy: OK, Design Factors: OK, Aesthetic Factors: OK, Restoration/Prosthesis Fit: OK, and Attention to Detail: OK. Another red arrow points to the 'Work-Up Fixed' tab in the top navigation bar.

Step 10/Appt 3

Deliver crown to pt. Have instructor sign off on Case Progression tab in SALUD stating that prosthesis was delivered to pt. Also need to update tx from IPR to Complete in SALUD charting. Pt will pay remaining balance at end of this appt.

Step 11/Appt 4

48 f/u w pt. Check everything (e.g., margin, esthetics, occlusion, prox contacts, comments pt has about the prosthesis). Again, have instructor sign off on this in Case Progression tab. **You will receive credit after this appt has been completed.**

Complete prosth consult + complete perio assessment for prosth tx form (if no surgery needed, have prosth instructor sign it; if sx needed, have perio instructor sign it). ***This form must be completed for all prosth tx on natural teeth and if doing cast RPD.**

Implants

*Note: During all steps below, need to be updating the prosth case on Salud, *below*.

Patient Details: sensitive to epinephrine ...

Patient No: [REDACTED] Date of Birth: [REDACTED]
 Patient Name: [REDACTED] Age: [REDACTED]
 HealthCard#: [REDACTED] Episode Plan No: 000008727

Form | Form Summary | Diagnosis Recording | Treatment Recording

Created By: HCOOKS | Last Accessed By HCOOKS on 3/13/2020 10:47:27 AM |
 Last Accessed: HCOOKS | Date/Time: 3/13/2020 10:47:26 AM

Filter Categories

Prosthetic Approval | Case Progression | **Work-Up Fixed** | Work-Up Removable | RDP Framework QC | PDI Complete Edentulism | PDI Dentate Checklist | PDI Partially Edentulous

Work-Up Details

Teeth Involved: 13-15
 Type of Restoration: FPD
 Diagnostic Cast: Diagnostic Casts for Case Room: Ok Heather
 Working Cast: ---
 Tooth Preparation: Diagnostic Wax-Up: Ok Dr. B. ←
 Incisal Guide Table:
 Radiographic Stent:

Lab Submission Checklist

Casts - Trimming, Extension, Dimension
 Casts - Occlusal clearance of prepared teeth
 Dies - Trimming
 Dies - Marking

Lab Quality Checklist

Structural Detail:
 Margin Integrity:
 Occlusal Adequacy:
 Design Factors:
 Aesthetic Factors:
 Restoration/Prosthesis Fit:
 Attention to Detail:

Step 1/ Appt 1

Dx models obtained during DPR or prosth consult, as well as facebow, bite registration, etc.

Use PVS Imprint for any fixed prosth (including implant-supported restos)

Step 2

Need 4 models from arch(es) being tx, 2 models from opposing arch (e.g., implant 46 – need impressions of max and mand, then pour up max impression twice (for 2 models) and mand four times (for 4 models).

Take 1 set upper and lower unmounted and submit to case room for **archives**.

Take second set (upper and lower) and mount them. These will be the **dx models** for tx planning purposes. When mounted, submit to case room for approval.

Step 3

Once previous submissions approved, Take third (of four) model of tx arch and mount this. This becomes the **working cast**. Do dx wax up and submit articulator (w wax up) to case room.

Step 4

Once approved, Duplicate dx wax up model (soak model in water, then take alginate impression of it). Take copy of wax up model and use it to fabricate **radiographic stent**, along with the fourth unmounted tx arch model. (*Refer to 5322 for manufacture of rad stent). Submit rad stent with fourth unmounted tx arch model to case room for approval.

Step 5/Appt 2

Once approved, Bring pt in to have pan taken w rad stent placed IO.

- If covering prosth instructor satisfied w position of radiographic marker (i.e., cylinder) on pan, pt dismissed.
- If covering instructor not satisfied, during appt need to relocate the cylinder and take a new rad (either another pan or PA if instructor is okay with that).
- Once instructor satisfied, pt dismissed and **they need to pay lab fee for surgical stent at end of this appt** (change tx status on SALUD charting from planned to IPR at this stage, so pt can pay).
- Student submits rad stent to lab for surgical stent fabrication.
 - o For this case submission, need to include rad stent seated on fourth unmounted dx model, laboratory Rx, office verification slip (OVS), *below*.

■ Submit case for Surgical Stent fabrication

- Radiographic stent seated on fourth un-mounted Dx model
- Laboratory RX
- O.V.S.

- Signed by front desk staff
- Patient pays lab fee for surgical stent at the end of radiographic stent appointment



Step 6

Using pan w rad stent, make tracing on acetate of all teeth and main anatomic landmarks. Trace the proposed implant (selected according to BL ridge thickness, MD available space, type of tooth to be preplaced, length based on amount of available bone and distance from anatomical structures). **Make one acetate tracing for Straumann and one acetate tracing for Nobel Biocare.** (*Refer to 5322 for how to do this), *important info below*. *Need to write up referral letter to OMFS at this time.

- Catalogs for implant selection are located in the binder room
- Acetate templates for tracings with Heather in case room (tag).
- Fill out Implant data sheet with implant(s) selection from tracings. Use catalogs to correlate information.
- Prepare Referral Letter to Oral Surgeon



Implant data sheet must also be filled out (left, complete for both Straumann and Nobel Biocare; OMFS referral on right):

DIAGNOSTIC INFORMATION:

Radiographs Mounted diagnostic casts Photographs
 Diagnostic wax-up/trial denture Informed consent signed Pre-treatment
 Periapical Treatment plan signed Surgical
 Panoramic Referral letter Prosthetic
 Occlusal or lateral cephalometric Radiographic tracing Location of implant and cap
 Surgical guide

APPOINTMENTS:

Prosthetic Consultation _____ Bone Graft _____
Surgical Consultation Dr. Armstrong Implant Surgery _____
Date Returned _____

STRAUMANN				NOBEL					
(Please choose implants & components for both systems)									
Implant Fixtures/Healing Caps/Closure Screws				Implant Fixtures/Healing Abutments/Closure Screws					
Cat #	Item	#	Lot #	Date	Cat #	Item	#	Lot #	Date
501-4110	4.1x4.0 B. Ball				53216	4.3 x 10.0 Bony Density			
501-4107	4.1 x 7.0 Bony Density				45535	4.3x7.5 Healing Abut			
	4.1x7.0				20101	100 Closure Screw			
Final Impression Components				Final Impression Components					
501-4107	4.1 x 7.0 Bony Density				53041	4.3 x 9.0 Healing Abutment			
501-4107	4.1 x 7.0 Bony Density				20100	100 Closure Screw			
Prosthetic Components				Prosthetic Components					

PATIENT INFORMATION:

Date: May 27, 2013
From: _____
PATIENT INFORMATION:
_____ Ave
London, ON,
N6A 1R1
DOB: _____

To: Dr. Armstrong / Dr. Lapolite / Dr. Saad / Dr. Santos / Dr. Shimizu

I would like to refer my comprehensive patient _____ for a consultation regarding an implant to replace a missing tooth #14. Upon inspection a buccolingual bone defect was identified in the edentulous space and a bone graft will be necessary prior to implant placement. The patient also has a 1.5mm diastema between teeth #12 and #11 and brackets have been placed on teeth #13 through to #23 for orthodontic closure. Since retention will be used to close up this diastema, it is not anticipated that the edentulous area of #14 will get significantly wider mesio-distally and should not affect the placement of the final prosthesis on the implant. The surgical steel has been modified such that it will accommodate for the orthodontic brackets.

The patient has excellent oral hygiene, is compliant and highly motivated to maintain her teeth and their appearance. The patient quit smoking 17 years ago and has no history of excessive drinking.

The patient's medical diagnoses include Type II diabetes mellitus and anxiety disorder. She is currently taking metformin and paroxetine for these conditions respectively. Her last visit to the medical doctor was in April 2013 and the doctor informed her that the diabetes was well-controlled.

Thanks for your cooperation

Sincerely,

Dr. Marcia Ibarra
Implant Program Coordinator

Also need to include student's availability bc student must attend OMFS consultation (below).

- Include student's availability along the referral letter
- Facilitate coordination of Surgical Consultation booking

The following is my availability for the surgical consultation.

Date	AM	PM
June 3, 2013	9:00am - 12:00pm	
June 4, 2013		12:30pm - 5:00pm
June 5, 2013		1:00pm - 5:00pm
June 10, 2013		1:00pm - 5:00pm
June 12, 2013	9:00am - 12:00pm	1:00pm - 5:00pm
June 13, 2013		1:00pm - 5:00pm
June 17, 2013		1:30pm - 5:00pm
June 18, 2013		12:30pm - 5:00pm
June 19, 2013		1:00pm - 5:00pm
June 24, 2013	9:00am - 12:00pm	1:30pm - 5:00pm
June 26, 2013	9:00am - 12:00pm	1:30pm - 5:00pm
June 27, 2013		1:00pm - 5:00pm

Thank you for your time.

Sincerely,

For final case submission (make sure list below is all checked off):

CASE SUBMISSION – IMPLANT CASE

- Dx mounted models and Dx wax-up model(s)
- Verify in SALUD
 - Tx Plan signed
 - Consent for Tx signed
- Referral Letter signed by student
- Implant Data Sheet completed
- Panoramic radiograph (copy/print)
- Tracings (X2: one for Straumann implant and one for NobelBiocare)
- Surgical Stent
- Fixed Prosthodontics progression form filled out in SALUD

Prosthodontics Progression

THIS FORM SHOULD BE USED FOR THE FOLLOWING STEPS:
 1. LABORATORY SUBMISSION
 2. DELIVERY OF RESTORATION
 3. FOLLOW UP - 48 HRS

Date: 3/12/2020 11:28:56 AM

Step: Implant Consultation submission

Step 7

In a week or two after submission (and provided everything submitted was approved), student will be notified when consultation will take place. At consultation, date for sx is selected as well as costs of everything will be discussed (including if need for bone graft, sinus lift, etc.).

Step 8

Pt meets with OMFS for surgery. You must attend the surgery (***not in covid times, however**).

Step 9

OMFS will see pt for a couple f/u's (first one usually 1 wk post-sx). Usually OMFS will bring pt back in 2-3 months to see how healing is. When OMFS deems pt is ready for restoration of implant, they will send student a hard-copy letter and a rad to confirm implant stable in bone (i.e., osseointegrated). Scan this letter into Salud and give letter and rad to case room. ***Cannot proceed with definitive impression appt until we have this letter and rad from OMFS.**

Step 10/Appt 3

Bring pt in to take definitive impression.

The rest of the info here pertaining to implants is an overview of the steps. Specifics weren't provided in the orientation videos. Assume that the steps for restoring the implant (e.g., with a crown) are similar to the fixed prosth section of this document.

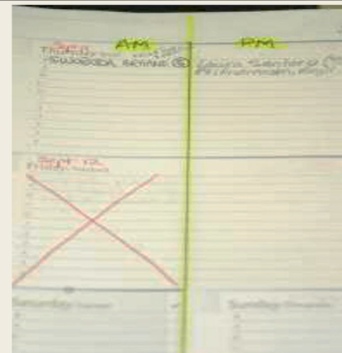
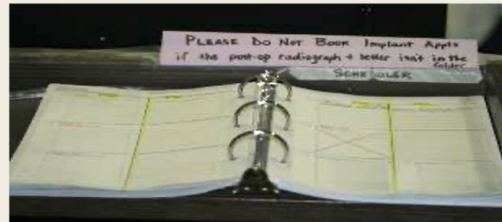
Once we have moved onto the prosthodontic phase of implant tx (beginning with definitive impression), student must log into implant calendar at case room, *below*.

PROSTHETIC PHASE OF IMPLANT TREATMENT

■ Every time you will be seeing an implant case in main clinic, you must

- Log into Implant calendar at case room

- Your name
- Pt. name
- Step of Tx
- Indicate if
 - (N) Nobel Biocare
 - (S) Straumann



When prosthetic parts are required (e.g., screwdrivers to remove healing abutments, etc):

■ When prosthetic parts are required

- Fill an Implant Parts Charge Slip
- Obtain signature from Instructor
- Pick-up needed parts from staff member at case submission room prior to the appointment.
- Parts are student's responsibility

**Schulich School of Medicine and Dentistry
Implant Parts Charge Slip**

Date: _____
 Student: _____
 Patient: _____ Patient#: _____
 Instructor Signature: _____

STRAUMANN <input type="checkbox"/>		NOBELBIOCARE <input type="checkbox"/>	
Product No.	Lot No	Description	#
022.2502	010P02	Locator Abut 2mm NC	1
048.189	stock	malc processing	2

When delivering prosthesis (day of tx):

- When treating patient, obtain the appropriate implant kit from case room.
 - An implant tools & Kit slip with signature and tags are required
 - Students who have log into calendar will receive priority to obtain implant kit.
 - If working on an overdenture case, the locator screwdriver and locator core tool are NOT included on the kit!!! - Request them separately

**Prosthodontic
IMPLANT TOOLS & KITS**

Item 1 Straumann Kit #3
Item 2
Item 3
Item 4
Item 5

Student [Redacted] Tag# [Redacted]
Patient [Redacted]
Date [Redacted]
Instructor [Signature]

Additional forms location (FYI):

ADDITIONAL FORMS REQUIRED



Once tx is finished:

- Once Tx is finished
 - *Return all parts from impression copings back to dispensary*
 - Bagged individually
 - Labeled with correspondent size & cat. #
 - *Return any un-used components to case room*
 - *For OV cases, return to patient's implant chart (case room) non used – additional- locator's female components to be used in the future.*

Complete Dentures

Step 1/Appt 1

Obtain Dx models (either during DPR or in prosth cubicle): use PVS imprint for cast RPDs, alginate for transitional RPDs + CDs.

Unmounted working models – **2 sets**. One for **archives** and one for **dx/working**.

Need to get following steps approved by prosth instructor (red arrows below; example is of a case for an upper CD and lower RPD):

The screenshot shows the 'Pros/Implant Chart' software interface. At the top, patient details are listed: Patient No., Patient Name, HealthCard#, Date of Birth (5), Age (4), and Episode Plan No (000005783). Below this, there are tabs for 'Form', 'Form Summary', 'Diagnosis Recording', and 'Treatment Recording'. The 'Form Summary' tab is active, showing 'Created By: HCOOKS', 'Last Accessed By: HCOOKS', and 'Last Accessed: 3/10/2020 12:15:59 PM'. A red arrow points to the 'Work-Up Removable' filter category. Below the filter categories, there are two sections: 'Complete Denture' and 'Partial Dentures', both circled in red. The 'Complete Denture' section lists: Diagnostic Models: CUD OK Dr. Ibarra, Custom Trays: OK Dr. Ibarra, Master Models: OK Dr. Ibarra, Wax Rims: CUD OK Dr. Ibarra, Anterior Setup, and Posterior Setup. A red arrow points to this section. The 'Partial Dentures' section lists: Diagnostic Models: Lower cast RPD OK Dr. Ibarra, Tooth Prep. on Cast: OK Dr. Ibarra, Clinical Approval, Master Models, Framework Approval, and Wax Rims: OK by Dr. B. A red arrow points to this section.

Step 2

submit 2 sets of unmounted models (1 for archives, 1 for dx/working) to case room, get approved.

Step 3

Using working models, fabricate custom trays. Submit to case room for approval.

Step 4/Appt 2

Ensure fit of custom trays, do boarder molding, take definitive impressions with custom trays.

Step 5

Create master models from definitive impressions, submit to case room for approval.

Step 6

From master models, create bases and wax (occlusal) rims, submit to case room for approval.

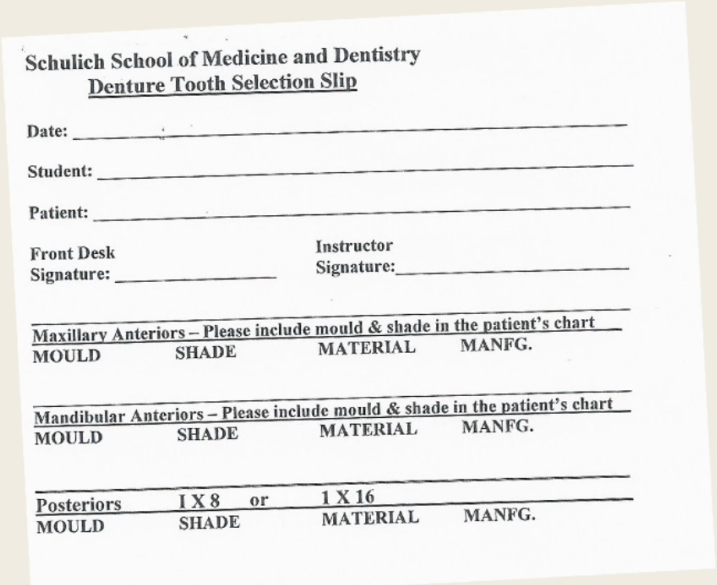
Step 7/Appt 3

Using wax rims, take CR record, facebow record, select teeth (*pt must pay lab fee for dentures at end of this appt).

TX PHASE REMOVABLE – CD’S

Tooth Set up

- Selection of prosthetic teeth
 - Vita Classic shade guide
 - Select tooth mould
 - Obtain signature from instructor on denture tooth selection slip (case room service window)
 - Obtain signature from front desk staff
 - Patient has to pay the lab fee during the wax rims appointment
 - Collect teeth from Dental Stores
 - May be on stock
 - May need to wait for order



Schulich School of Medicine and Dentistry
Denture Tooth Selection Slip

Date: _____

Student: _____

Patient: _____

Front Desk Signature: _____ Instructor Signature: _____

Maxillary Anteriors – Please include mould & shade in the patient’s chart

MOULD	SHADE	MATERIAL	MANFG.

Mandibular Anteriors – Please include mould & shade in the patient’s chart

MOULD	SHADE	MATERIAL	MANFG.

Posteriors **1 X 8** or **1 X 16**

MOULD	SHADE	MATERIAL	MANFG.

Step 8

set up anterior teeth, submit to case room for approval.

Step 9/Appt 4

Try anterior teeth set up in mouth

Step 10

set up posterior teeth, submit to case room for approval.

Step 11/Appt 5

Try in posterior teeth (and anterior teeth) in mouth. When pt satisfied, submit to case room for approval (see info below).

TREATMENT PHASE – REMOVABLE- CD'S Laboratory Submission

- Once Posterior tooth set up completed and authorized on Work Up Removable tab.
- Submit case back for final processing
 - Master Models mounted
 - Entry for submission completed on case progression

Step 12

Submit case for final processing (see above). Need to include filled out office verification slip and removable prosth lab Rx (see below).

TX PHASE – REMOVABLE – CD'S Submission for Processing

- Rx for acrylics properly filled out
- All previous steps approved on Removable Pros Work-up sheet
- Office verification Slip
 - Sign by front desk

**If there is a problem with your submission, you will receive a voicemail on your student phone account detailing the issue. It will also be found written on your case progression tab in SALUD.

Step 13

Make any modifications and resubmit (if needed). Typically it takes 1 week to receive dentures from lab.

Step 14/Appt 6

Deliver dentures to pt.

At the delivery appt and for all f/u's, entries must be made and signed off by instructor in Case Progression tab (below). Also after delivery, must change status in Charting from IPR to Complete, pt will pay remaining balance at end of delivery appt.

TREATMENT PHASE – REMOVABLE – CD's Delivery and Post Deliveries Protocols

- Entry on case progression for each visit
- At the end of Delivery appointment update Tx status to complete on Charting tab
- Covering instructor will authorize at the end of the session

Form Summary

Created By: HCOOKS
Last Accessed: HCOOKS
Reviewed By: HCOOKS
Last Accessed By: HCOOKS on 3/13/2020 10:47:27 AM
Date/Time: 3/13/2020 10:47:26 AM

Filter Categories

Prosthetic Approval Case Progression Work-Up Fixed Work-Up Removable RDP Framework QC POI Complete Edentulous POI Dentate Checklist POI Partially Edentulous

THIS FORM SHOULD BE USED FOR THE FOLLOWING STEPS:
1. LABORATORY SUBMISSION
2. DELIVERY OF RESTORATION
3. FOLLOW UP -48 HRS

Date: 3/13/2020

Step

- Lab submission for CD's fabrication
- Delivery of CD's Dr. Ibarra
- 24 hrs follow up completed Dr. B.
- One week follow up completed Dr. Dong
- One month follow up completed Dr. Ari

Step 15/Appt 7

Mandatory 24hr f/u

Step 16/Appt 8

Mandatory 1 wk f/u

Step 17/Appt 9

Mandatory 1 month f/u. **After this appt, you will receive your prosth credit.**

Step 18/Appt 10+

F/u as many as needed

Cast Removable Partial Dentures

Need to get following steps approved by prosth instructors throughout tx:

CASE PREPARATION/ TX PHASE

- REMOVABLE PROS.
 - RPD's – Cast framework
 - Mounted working casts
 - Use Removable Prosthodontic Work-Up sheet as case progresses
 - Dx models - Archives
 - Design approved
 - Rest preps & guiding planes on working cast(s)
 - Clinical approval : mouth preps. Completed Faculty supervising
 - Master Model(s)
 - Framework approval after try-in appt. –Faculty supervising
 - Wax rims
 - Tooth set up

Step 1/ Appt 1

Impressions (cast – pentamix; transitional – alginate). Submit to case room for approval 1) mounted working casts, 2) mounted dx models, 3) unmounted casts for archives.

Step 2

Survey working models (mounted), make RPD design on the working models.

Step 3

Bring working models (w designs on them) to case room and survey w instructor (e.g. Ibarra/Dr B). Discuss proposed design. If instructor agrees, the design gets approved (in SALUD; thinner red arrow in above image).

Step 4

Once design approved, practice creating the rest preps/guide planes/etc on the working models. Submit to case room for approval.

Step 5/Appt 2

Bring prepared working models to appt and create rest preps/guide planes on pt's teeth. In same appt, obtain definitive impressions using **two step alginate**. Immediately after definitive impressions are approved by covering instructor, pour up in **jade stone** (ideally in under 12 min from being taken). Make sure instructor signs off on clinic approval in SALUD (removable work up tab). Ensure **pt pays lab fee at end of this appt**.

Step 6

Submission for framework fabrication (submit all things below).

TX PHASE – REMOVABLE – CAST RPD’s Submission for Framework fabrication

- Master Model
 - Poured in type 5 stone – Jade Stone
 - Properly trimmed
 - Tripoded and horizontal shoe extensions drew on model
 - Unmounted if Kennedy class I or II
 - Mounted if Kennedy class III or IV
- Opposing model - Microstone
- Working Model with proposed design
- Case progression tab (SALUD) ready for authorization
- Removable Prosthodontics Framework Lab. Prescription form
- Office Verification Slip (OVS) – Sign by front desk

TX PHASE – REMOVABLE – CASE SUBMISSION FOR CAST RPD’s

PARTIAL DENTURE FRAMEWORK LABORATORY PRESCRIPTION

Patient Name: _____
 Patient No: _____
 Day: _____
 Section: _____

COMPONENTS
 Support: acrylic bases plus teeth and area _____

Bracing
 Maxillary arch
 Palatal strap
 Closed oval
 Rectangular clasps tooth and location _____

Mandibular arch
 Lingual bar
 Lingual plate
 Rectangular clasps tooth and location _____

Retention
 Clasp type, tooth and location _____

Indirect retention
 Tooth and location _____

Technical Specifications

- normal gingival sulcus relief
- wrought wire clasps 18 gauge attached to wax-up (see labels)
- horizontal shoes as indicated on master cast
- tissue stops as indicated on diagnostic cast
- tooth attachment as indicated on diagnostic cast
- bond all borders of maxillary connector
- wash relief as indicated on diagnostic cast
- slight stippling on maxillary connector
- no stippling on mandibular connector

Laboratory Approval: _____ Date: _____
 Log # _____ Lab # _____

DATE REQUESTED: _____ If you have any concern regarding this case, or it cannot be completed by the above date, please contact the lab at 961-2111 Ext. 8496.

Created By: _____ Last Accessed By: _____
 Reviewed By: _____ Date/Time: 3/10/2020 12:15:58 PM

Filter Categories: Prosthodontic Approval, **Case Progression**, Work-Up Fixed, Work-Up Removable, RDP Framework QC, PDI Complete, PDI Dentate Checklist, PDI Partially Edentulous

THIS FORM SHOULD BE USED FOR THE FOLLOWING STEPS
 1. LABORATORY SUBMISSION
 2. DELIVERY OF RESTORATION
 3. FOLLOW UP - 48 HRS

Date: 3/11/2019

Step: Lab Submission for PFD-casting Approved Dr. Bakra

Office Verification Slip
 Date: _____
 Patient Name: _____
 Patient Number: _____
 Prosthesis Type: _____
 Chair Admission

Step 7

Framework wax up will be returned from lab in 1 week. Will receive a call from the case room. Student needs to come to case room and check the wax up (ensure it is exactly as you've requested). Get instructor approval of wax up as well. Modify wax up if needed. If wax up approved, complete the **casting approval form** (given to you with the wax up) and give to case room. Once case room authorizes, it's sent back to lab for casting. Metal framework will be given to you in 1 week (will get voicemail saying it's ready for pickup).

Step 8

Check framework fit on master cast. Fill out RPD framework QC tab on SALUD (below) for *laboratory*. Instructor will approve for trying case in patient's mouth.

Step 9/Appt 3

Try framework intraorally. If fit is good, proceed with tx. If not good, re-impress and send again (submit to case room) for remake. Fill out RPD framework QC for *clinical*. Also have instructor sign off on "Framework approval" section under work-up removable tab in SALUD.

Step 10

Fabricate wax rims (**may be possible to have these already made and bring them to appt 3 – then can combine appt 3 and appt 4 into a single appt, provided that the metal framework is a good fit intraorally).

Step 11/Appt 4

Once framework fit is good intraorally and ok'd by instructor, use wax rims and take CR record, facebow record, select teeth (same as for CDs, see above section on CDs).

Step 12

Set up teeth and try in on mounted cast. Submit to case room (?).

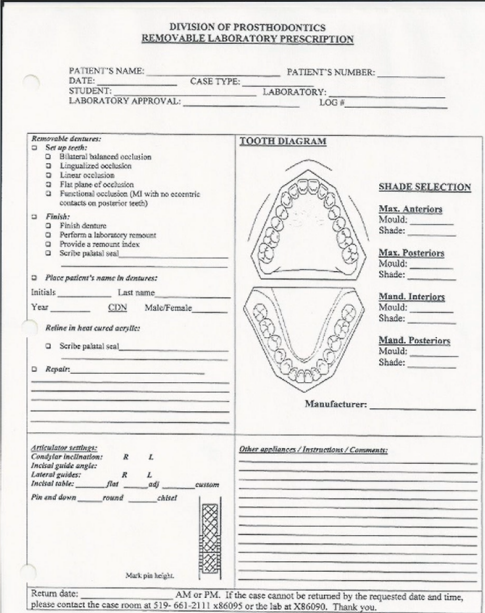
Step 13/Appt 5

Try in with pt. Get approved by instructor.

Step 14

Submit case for final processing. Include Removable denture Rx, mounted models with RPD, and have case progression tab on SALUD ready for authorization (See below). When submitted, the case room instructor will tell you it's either accepted or rejected. If rejected, a note will be written in the case progression (below; you'll also get a voicemail) and you will make the required changes, then resubmit.

TREATMENT PHASE – REMOV.



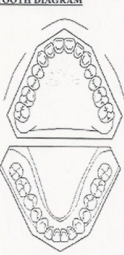
**DIVISION OF PROSTHODONTICS
REMOVABLE LABORATORY PRESCRIPTION**

PATIENT'S NAME: _____ PATIENT'S NUMBER: _____
 DATE: _____ CASE TYPE: _____
 STUDENT: _____ LABORATORY: _____
 LABORATORY APPROVAL: _____ LOG # _____

Removable dentures:

- Set up teeth:
 - Bilateral balanced occlusion
 - Lingualized occlusion
 - Linear occlusion
 - Flat plane of occlusion
 - Functional occlusion (MI with no eccentric contacts on posterior teeth)
- Finish denture
 - Perform a laboratory remount
 - Provide a remount index
 - Scribe palatal seat
- Place patient's name in dentures:
 - Initials _____ Last name _____
 - Year _____ CDN Male/Female _____
- Refine in heat cured acrylic:
 - Scribe palatal seat
- Repair: _____

TOOTH DIAGRAM



SHADE SELECTION

Max. Anterior
Mould: _____
Shade: _____

Max. Posterior
Mould: _____
Shade: _____

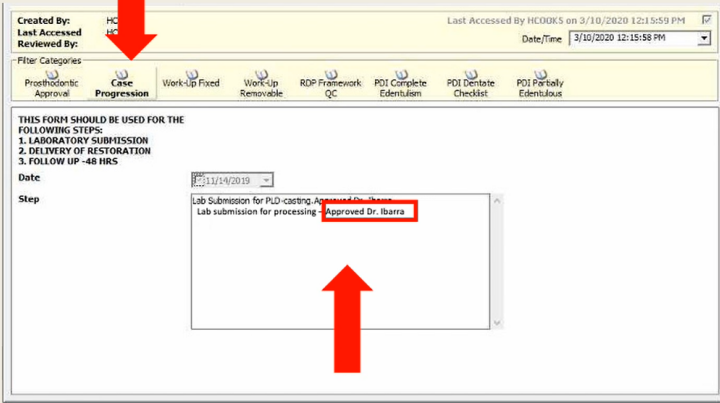
Mand. Anterior
Mould: _____
Shade: _____

Mand. Posterior
Mould: _____
Shade: _____

Manufacturer: _____

Other sections or instructions / Comments:

Return date: _____ AM or PM. If the case cannot be returned by the requested date and time, please contact the case room at 519-661-2111 x86095 or the lab at X86090. Thank you.



Created By: HC
Last Accessed: HC
Reviewed By: _____
Date/Time: 3/10/2020 12:15:58 PM

Filter Categories:

- Prosthetic Approval
- Case Progression**
- Work-up Fixed
- Work-up Removable
- RDP Framework QC
- POI Complete Edentulism
- POI Dentate Checklist
- POI Partially Edentulous

THIS FORM SHOULD BE USED FOR THE FOLLOWING STEPS

1. LABORATORY SUBMISSION
2. DELIVERY OF RESTORATION
3. FOLLOW UP --48 HRS

Date: 3/11/2019

Step: Lab Submission for PUJ-casting, Approved Dr. Barra

Lab submission for processing: Approved Dr. Barra

Step 15/Appt 6

Case comes back 1 week after submission (and acceptance). Bring pt in and deliver RPD. Fill out case progression tab in SALUD. Change status in charting from IPR to Complete.

Step 16/Appt 7

Mandatory 1 week f/u. **Will receive credit after this is done.**

Step 17/Appt 8+

f/u as many as needed.

Transitional RPDs

Same steps/appts as Cast RPDs, except no metal framework to try in here.

When ready to submit for acrylic processing (i.e., manufacturing final product), you need to include:

TX PHASE – REMOVABLE TRANSITIONAL RPD Submission for Acrylic Processing

- Master Model (s)
 - *Poured in type 3 stone – Microstone® with proposed design drawn*
 - *Properly trimmed*
 - *Mounted and surveyed for abutment teeth*
 - *Teeth set up and try in for Kennedy Class I, II or IV*
- Teeth for any immediate transitional case.
- Removable Prosthodontic Work-Up form updated with all previous steps approved
- Prescription form properly filled out
- O.V.S.

**Note for Kennedy class 3 or immediate transitional RPD, don't need to have teeth set up. Just include the teeth with the submission.

OVS = office verification slip

Next appt

After receiving transitional RPD, disinfect and deliver it to pt. Follow protocol below:

TX PHASE- REMOVABLE TRANSITIONAL RPD Delivery and Post Delivery Protocol

- Fill out case progression tab for Delivery and any post deliveries completed.
 - *Covering instructor approves at the end of clinical session*
 - *Change status on Tx planning to completed on Charting screen*
- Mandatory 24 hrs follow up if immediate transitional RPD
- Mandatory 1 wk follow-up
- After that as many as needed

Created By: HCOOK5
Last Accessed: HCOOK5
Reviewed By: HCOOK5
Last Accessed By HCOOK5 on 3/10/2020 12:15:59 PM
Date/Time: 3/10/2020 12:15:58 PM

Filter Categories

Prosthetic Approval Case Progression Work-Up Fixed Work-Up Removable RDP Framework QC PDI Complete Edentulism PDI Dentate Checklist PDI Partially Edentulous

THIS FORM SHOULD BE USED FOR THE FOLLOWING STEPS:
1. LABORATORY SUBMISSION
2. DELIVERY OF RESTORATION
3. FOLLOW UP -48 HRS

Date: 11/14/2019

Step: Lab submission for processing - Approved Dr. Ibarra
Delivery transitional PUD completed Dr. Bohorquez
One week post delivery check completed Dr. Alkumru

You receive credit after the mandatory 1 week f/u is completed.

Case Authorization Process

CASE AUTHORIZATION PROCESS

- Takes place in the Oral Radiology Seminar room
- *Book appointment daily on daily schedule posted on entrance to case room*
 - 10:00 AM for morning shift group
 - 1:00 PM for afternoon shift group
- Schedule : Monday – Friday
 - 1:00 -1:30 PM for morning shift group
 - 1:30-2:00 PM for afternoon shift group
- Bring the case ready for authorization
- **DO NOT DISTURB INSTRUCTORS DURING CLINIC SESSIONS**

Bring only 1 case per appt. They take around 6-7 students per half hour appt.

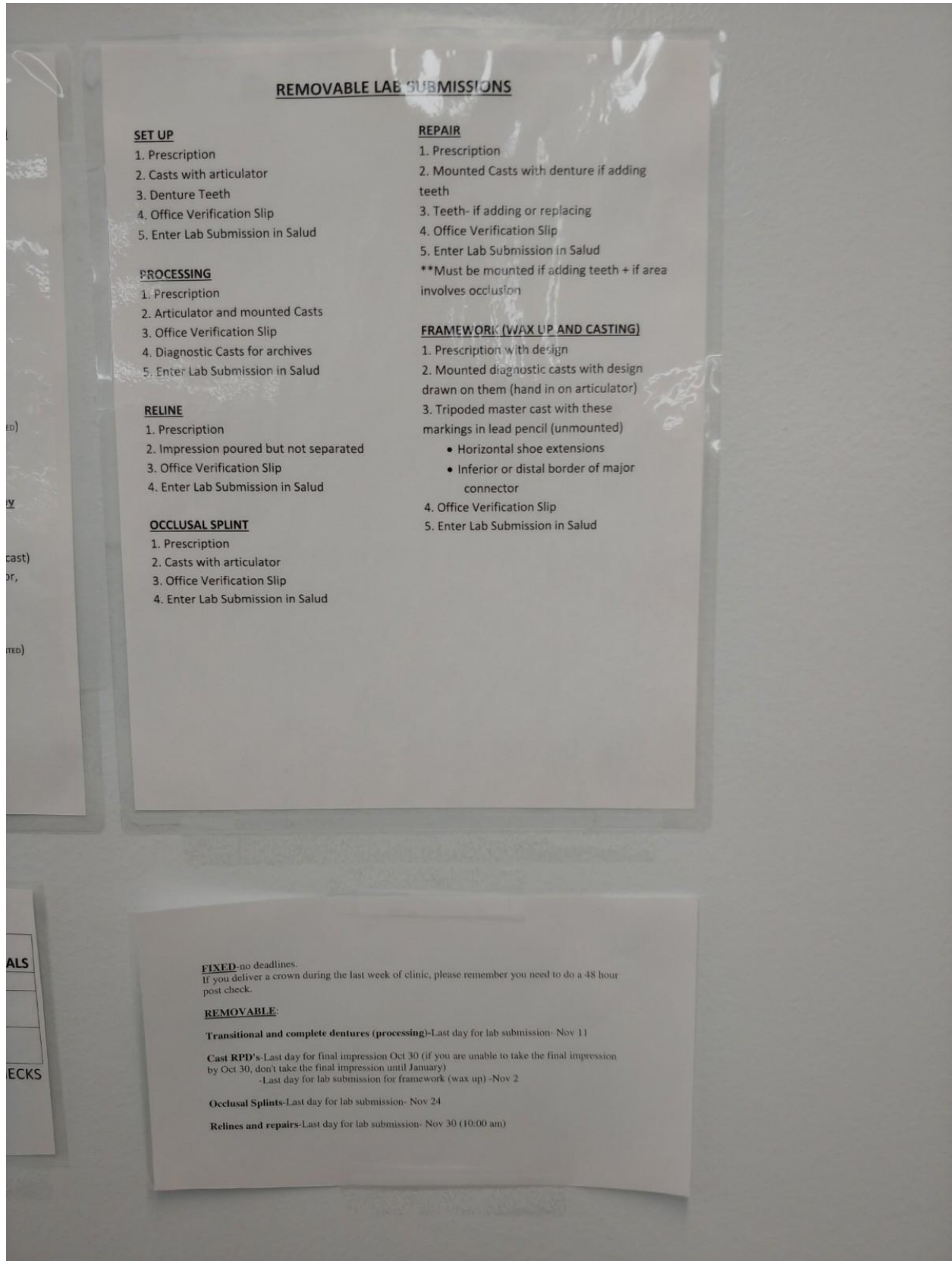
PROSTHODONTIC CASES

Case Room Submissions

- Any material submitted to case room **MUST** comply with **IPAC** protocols
 - *If case looks suspicious it will not be accepted and you will be asked to disinfect the entire case including your submission tray.*
- Follow posted schedule for case room hours as it is not be the same as clinic hours. Avoid disappointments and frustrations
- Use all the available information posted on the outside walls of the service window. Most likely the answer you are looking for is there.
- Submitted cases will be checked on a daily basis
 - *If case is rejected, you will be notified by voicemail. Feedback will be found in SALUD case progression tab*
 - *For pindexing rejections, feedback is provided on the pindexing form*

Additional Case Room Info





FIXED LAB SUBMISSIONS

PINDEXING-includes onlays and ~~implants~~

1. Work Authorization Form
2. Final Impression
3. Two casts (palate removed)

*indicate which one needs pindexed

4. Implants-need only one cast
5. Office Verification slip

CROWN/BRIDGE

1. Diagnostic wax-up or cast of same
2. Final impression plus 2nd pour cast (solid cast)
3. Master Cast mounted with articulator, margins outlined in red
4. Prescription
5. Office Verification Slip
6. Diagnostic casts for archives (UNMOUNTED)
7. **REMAKES: Hand in old crown/bridge**
8. Enter Lab Submission in Salud

SURGICAL STENTS

1. Radiographic stent
2. TWO UNMOUNTED casts of same arch
3. Removable Prescription Form
4. Office Verification Slip
5. Enter Lab Submission in Salud

POST AND CORE (*needs to be pindexed)

1. Mounted upper and lower
2. Final Impression
3. Prescription
4. Office Verification Form

IMPLANT CROWN/BRIDGE

1. Diagnostic wax-up or cast of same
2. Final Impression
3. Master cast mounted with articulator
4. Prescription which includes:
 - complete shade info
 - type of implant used
 - type of abutment to be used
5. Office Verification Slip
6. Diagnostic casts for archives (UNMOUNTED)
7. **REMAKES: Hand in old crown/bridge**
8. Enter Lab Submission in Salud

ONLAY *needs pindexedapproved by Dr.Santos or Dr. Ferrier**

1. Diagnostic wax-up or cast of same
2. Final Impression plus 2nd pour(solid cast)
3. Master cast mounted with articulator, margins outlined in red
4. Prescription
5. Office Verification Slip
6. Diagnostic casts for archives(UNMOUNTED)

SET UP

1. Prescription
2. Casts with articulator
3. Denture Teeth
4. Office Verification Slip
5. Enter Lab Submission

PROCESSING

1. Prescription
2. Articulator and mount
3. Office Verification Slip
4. Diagnostic Casts for archives
5. Enter Lab Submission in Salud

RELINE

1. Prescription
2. Impression poured but not mounted
3. Office Verification Slip
4. Enter Lab Submission in Salud

OCCUSAL SPLINT

1. Prescription
2. Casts with articulator
3. Office Verification Slip
4. Enter Lab Submission in Salud

REQUIRED POST CHECKS

REMOVABLE:

CUD/CLD	CAST PARTIALS	TRANSITIONALS	IMMEDIATE TRANSITIONALS
24 HOUR	1 WEEK	1 WEEK	24 HOUR
1 WEEK	1 WEEK(IF NEEDED)	1 WEEK(IF NEEDED)	1 WEEK
1 MONTH			1 WEEK(IF NEEDED)

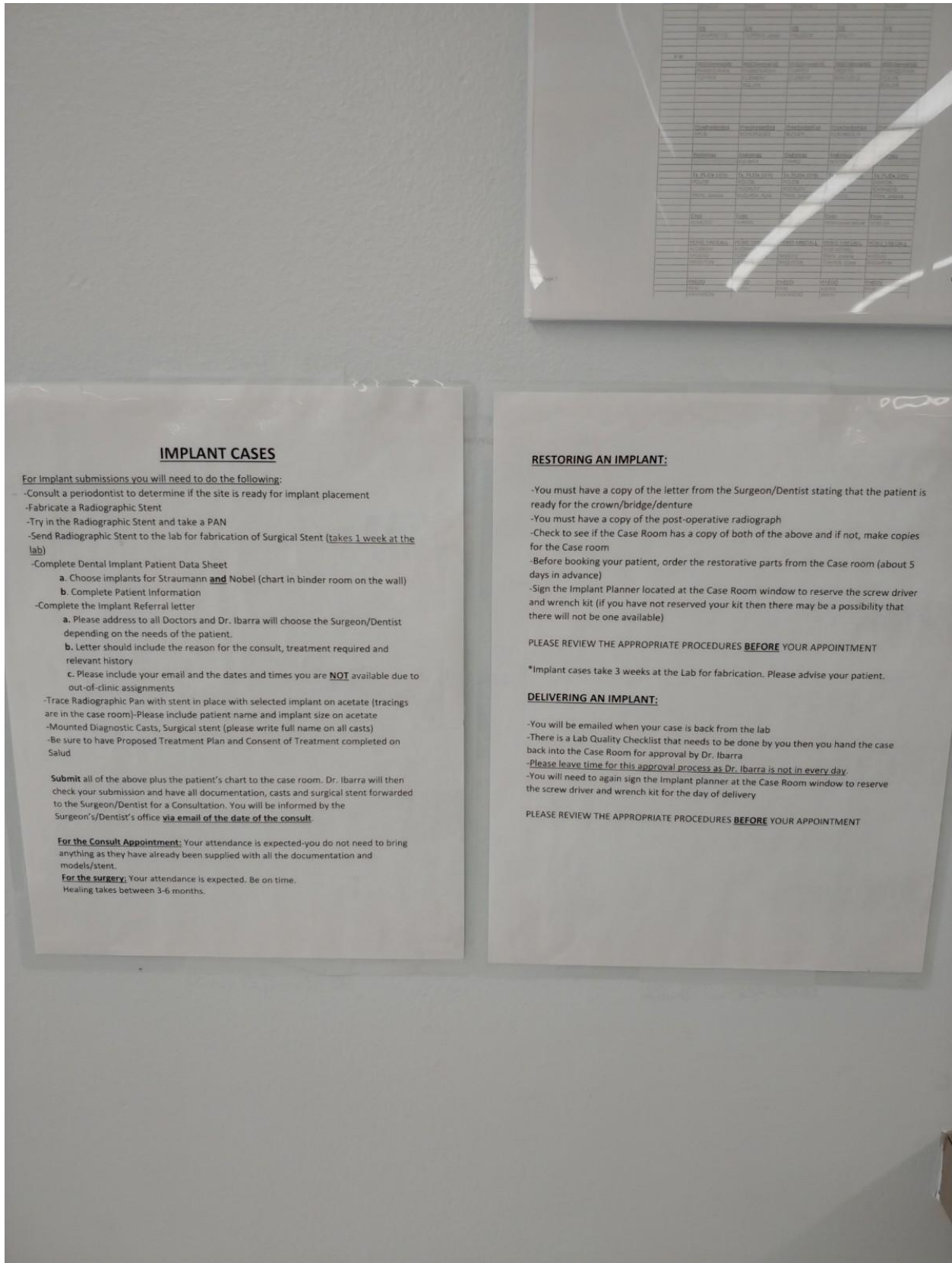
****RELINES,REPAIRS,OCCUSAL SPLINTS-NO POST CHECKS**

ALL FIXED:
48 HOUR POST CHECK

FIXED-no deadlines.
If you deliver a crown during the last week post check.

REMOVABLE:
Transitional and complete dentures (partial)
Cast RPD's-Last day for final impression is Oct 30, don't take the final impression after Oct 30.
Last day for lab submission is Oct 31.

Occlusal Splints-Last day for lab submission is Oct 31.
Relines and repairs-Last day for lab submission is Oct 31.



IMPLANT CASES

For Implant submissions you will need to do the following:

- Consult a periodontist to determine if the site is ready for implant placement
 - Fabricate a Radiographic Stent
 - Try in the Radiographic Stent and take a PAN
 - Send Radiographic Stent to the lab for fabrication of Surgical Stent (takes 1 week at the lab)
 - Complete Dental Implant Patient Data Sheet
 - a. Choose implants for Straumann **and** Nobel (chart in binder room on the wall)
 - b. Complete Patient Information
 - Complete the Implant Referral letter
 - a. Please address to all Doctors and Dr. Ibarra will choose the Surgeon/Dentist depending on the needs of the patient.
 - b. Letter should include the reason for the consult, treatment required and relevant history
 - c. Please include your email and the dates and times you are **NOT** available due to out-of-clinic assignments
 - Trace Radiographic Pan with stent in place with selected implant on acetate (tracings are in the case room)-Please include patient name and implant size on acetate
 - Mounted Diagnostic Casts, Surgical stent (please write full name on all casts)
 - Be sure to have Proposed Treatment Plan and Consent of Treatment completed on Salud
- Submit** all of the above plus the patient's chart to the case room. Dr. Ibarra will then check your submission and have all documentation, casts and surgical stent forwarded to the Surgeon/Dentist for a Consultation. You will be informed by the Surgeon's/Dentist's office **via email of the date of the consult**
- For the Consult Appointment:** Your attendance is expected-you do not need to bring anything as they have already been supplied with all the documentation and models/stent.
- For the surgery:** Your attendance is expected. Be on time.
Healing takes between 3-6 months.

RESTORING AN IMPLANT:

- You must have a copy of the letter from the Surgeon/Dentist stating that the patient is ready for the crown/bridge/denture
- You must have a copy of the post-operative radiograph
- Check to see if the Case Room has a copy of both of the above and if not, make copies for the Case room
- Before booking your patient, order the restorative parts from the Case room (about 5 days in advance)
- Sign the Implant Planner located at the Case Room window to reserve the screw driver and wrench kit (if you have not reserved your kit then there may be a possibility that there will not be one available)

PLEASE REVIEW THE APPROPRIATE PROCEDURES **BEFORE** YOUR APPOINTMENT

*Implant cases take 3 weeks at the Lab for fabrication. Please advise your patient.

DELIVERING AN IMPLANT:

- You will be emailed when your case is back from the lab
- There is a Lab Quality Checklist that needs to be done by you then you hand the case back into the Case Room for approval by Dr. Ibarra
- Please leave time for this approval process as Dr. Ibarra is not in every day.
- You will need to again sign the Implant planner at the Case Room window to reserve the screw driver and wrench kit for the day of delivery

PLEASE REVIEW THE APPROPRIATE PROCEDURES **BEFORE** YOUR APPOINTMENT

