

Clinical Competency: Assessment and Documentation

Vincent J. Iacono, D.M.D.

American Academy of Periodontology

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Stony Brook
School of Dental Medicine



Definition of Terms Used in Periodontics Accreditation Standards

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- **In-depth:** Characterized by thorough knowledge of concepts and theories for the purpose of critical analysis and synthesis.
- **Understanding:** Knowledge and recognition of the principles and procedures involved in a particular concept or activity.

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- a. Periodically, but at least semiannually, assesses the progress toward (formative assessment) and achievement of (summative assessment) the competencies for the specialty using formal evaluation methods;
- b. Provides to students/residents an assessment of their performance, at least semiannually

CLINICAL SCIENCES

4-8 The educational program must provide clinical training for the student/resident to the level of competency. This must include, but is not limited to, the following treatment methods for health, comfort, function and esthetics:

- a. Nonsurgical management of periodontal diseases, including:**
- b. Surgical management of periodontal diseases and conditions, including:**

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 - 2. Mechanical scaling and root planing therapy;
 - 3. Local and systemic adjunctive therapy; and
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 - 1. Resective surgery, including gingivoplasty, gingivectomy, periodontal flap procedures, osteoplasty, ostectomy, and tooth/root resection;
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 - 3. Periodontal plastic and esthetic surgery techniques including gingival augmentation, root coverage procedures and crown lengthening surgery.

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Intent: The emphasis of surgical training should be periodontal surgical procedures.

CLINICAL SCIENCES

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- c. Management of peri-implant tissues in health and disease.**

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- b. Surgical placement of implants; and**
- c. Management of peri-implant tissues in health and disease.**
- d. Provisionalization of dental implants.**

CLINICAL SCIENCES

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4-11 The educational program must provide training for the student/resident in the methods of pain control and sedation to achieve:

a. In-depth knowledge in all areas of minimal, moderate and deep sedation as prescribed by the *ADA Guidelines for Teaching Pain Control and Sedation to Dentists and Dental Students*; and

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b. Clinical training to the level of competency in adult minimal enteral and moderate parenteral sedation as prescribed by the *ADA Guidelines for Teaching Pain Control and Sedation to Dentists and Dental Students*.

Assessment Methods at Stony Brook University

- **Monthly AxiUm Clinical Activity Reports**
- **Clinical Scoring of Technical Skills**
- **Quarterly New Innovations Report**
- **Competency Tests**
- **Surgical Seminars Series (weekly/3 years)**
- **Conferences in Clinical Periodontics (weekly/3 years)**
- **Unexpected Outcomes in Periodontics (monthly/3 years)**
- **Simulated American Board of Periodontology Exam (semi-annually/3 years)**
- **Portfolio (2 mentors/resident)**

Monthly AxiUm Resident Clinical Activity Report

[illegible]

R

Type VI&VII: Perimplantitis (4901,4902)

Soft Tissue Grafts									
Soft Tissue Grafts (4270,4271,4273,4275,4276)									
Exodontia									
Extractions (7130,7140,7210,7250)									
Root Amputation/Hemisection at Extraction (4269)									
Root Amputation/Hemisection (3450,3920)									
Site Development									
Sinus Graft (7950)									
Ridge Aug (7950A)									
Osteotome/Transalveolar (7950O)									
Socket Preservation (7953)									
Dental Implants									
Stage I (6010)									
Stage II (5975)									
Provisionalization - Complete (2799)									
Implant Removal (6100,6101)									
Sedation									
Enteral (Oral) (9248,9249)									
Nitrous Oxide/Oxygen Analgesia (9230)									
Parenteral (9220,9221,9241,9242)									
Other Procedures (4999,7260,7290,7960)									
Perio Post Operative (4920)									
Treatment Complete (TC-PET0)									
Treatment Complete (TC-PET1)									
Treatment Complete (TC-PET2)									
Treatment Complete (TC-PET3)									
Treatment Complete (TC-PET4&5)									
Treatment Complete (TC-PET6&7)									
Total Treatment Complete									
Perio Maintenance/Recall (4910)									
Supervision of Dental Hygienist (9939H)									
Cancel/NS									
Visits									
Supervision of Dental Hygienist (9939H)									

Monthly AxiUm Resident Clinical Activity Report

Soft Tissue Grafts

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Stage I (6010)

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Provisionalization - Complete (2799)

Implant Removal (6100,6101)

Enteral (Oral) (9248,9249)

Parenteral (9220,9221,9241,9242)

Other Procedures (4000,7200,7201,7202,7203)

Perio Post Operative (4920)

Treatment Complete (TC-PET0)

Treatment Complete (TC-PET1)

Treatment Complete (TC-PET2)

Treatment Complete (TC-PET3)

Treatment Complete (TC-PET4&5)

Treatment Complete (TC-PET6&7)

Total Treatment Complete

Perio Maintenance/Recall (4910)

Supervision of Dental Hygienist (9939H)

Cancel/NS

Visits

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Clinical Scoring of Technical Skills

Procedures

- Clinical Examination
- Treatment Planning
- Oral Hygiene Instruction
- Scaling and Root Planing
- Occlusal Adjustment
- Gingivectomy
- Osseous Surgery
- Guided Tissue Regeneration and Osseous Grafting
- Sub-antral Sinus Augmentation
- Gingival Grafting and Mucogingival Surgery
- Implant Surgery Stage 1
- Implant Surgery Stage 2
- Periodontal Plastic (Cosmetic) Surgery
- Post-Operative Appointment
- Periodontal Maintenance

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Clinical Scoring of Technical Skills

Scored Attributes

- Judgment, Problem Solving, Clinical Sense, Treatment Selection and Sequence
- Technical Skills
- Degree of Difficulty
- Professionalism

Scores

- 1 = Above Average
- 2 = Average
- 3 = Below Average
- 4 = Unsatisfactory

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Follow guidelines for osseous surgery and include:

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1. The incision allows the flaps to adequately cover the graft material and/or regenerative medicine

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3. The proper amount of graft material is placed within the defect and material is not lost prior to suturing the flap and/or placing the membrane

Guided Tissue Regeneration and Osseous Grafting

Follow guidelines for osseous surgery and include:

1. The incision allows the flaps to adequately cover the graft material and/or regenerative medicine
2. The proper type of graft material is selected
3. The proper amount of graft material is placed within the defect and material is not lost prior to suturing the flap and/or placing the membrane
4. The membrane is properly shaped to allow coverage of the defect, creates space between itself and the defect and is smoothly placed beneath the flaps.

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5. The suturing technique will permit membrane and/or graft coverage without undue tension or slack.

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1. The incision allows the flaps to adequately cover the graft material and/or regenerative medicine
2. The proper type of graft material is selected
3. The proper amount of graft material is placed within the defect and material is not lost prior to suturing the flap and/or placing the membrane
4. The membrane is properly shaped to allow coverage of the defect, creates space between itself and the defect and is smoothly placed beneath the flaps.
5. The suturing technique will permit membrane and/or graft coverage without undue tension or slack.
6. A temporary prosthesis (if used) is properly adjusted to prevent pressure on the surgical site.

Case Illustration



**The incision allows the flaps to
adequately cover the graft
material and/or regenerative
medicine**



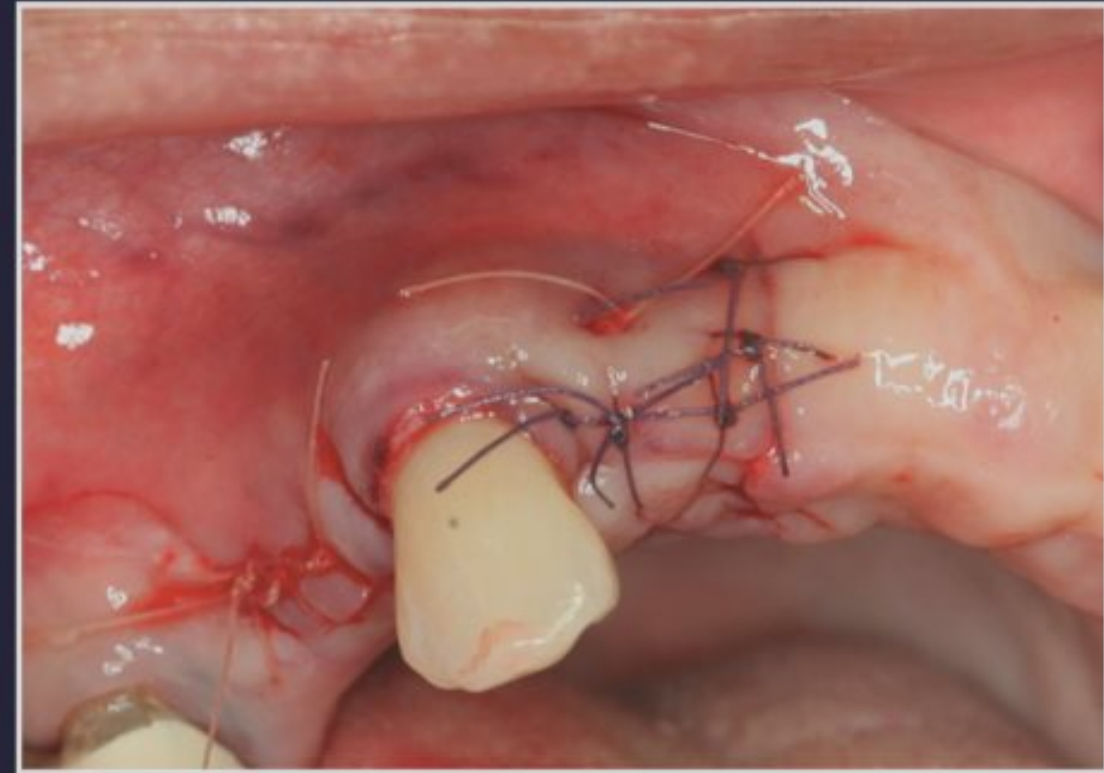
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The membrane is properly shaped to allow coverage of the defect, creates space between itself and the defect and is smoothly placed beneath the flaps

**The suturing technique will
permit membrane and/or
graft coverage without
undue tension or slack**



2 years post op



Quarterly New Innovations Report

Clinical Evaluations by Faculty

New Innovations RPT5 Evaluations

Department of Periodontology Advanced Specialty Education Program in Periodontics Quarterly Clinical Evaluation Form



[Subject Name]
[Subject Status]
[Evaluation Dates]

Evaluator

[Evaluator Name]
[Evaluator Status]

In your evaluation, please consider the level of preparation of the resident to perform the following clinical/professional activities. Indicate your response by selecting the radio button for the appropriate number or C/E (cannot evaluate).

Perform a patient examination and periodontal evaluation that is complete, accurate and well-documented.

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Determine periodontal and other diagnoses that are complete and supported by findings.

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Develop and present a comprehensive sequenced treatment plan that is appropriate to the patient's needs.

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Communicate with patients clearly, accurately and comprehensively.

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Demonstrate respect for and an understanding of patient needs (e.g., behavioral modification).

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Effectively manage the sequence of patient treatment.

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Relate appropriately to other: trainees, staff and faculty.

Not Prepared ☐ Adequately Prepared ☐ Well Prepared ☐ C/E ☐

Discern and manage ethical issues of dental practice.

 Feedback

Quarterly New Innovations Report

Clinical Evaluations by Faculty

New Innovations RMS Evaluations

Not Prepared Adequately Prepared Well Prepared C/E

Perform clinical procedures well (comment below).

Not Prepared Adequately Prepared Well Prepared C/E

Acquire and synthesize information critically, scientifically and effectively.

Not Prepared Adequately Prepared Well Prepared C/E

Assess personal strengths and weaknesses and act to acquire needed competencies/proficiencies.

Not Prepared Adequately Prepared Well Prepared C/E

Demonstrate understanding of basic science principles in clinical situations.

Not Prepared Adequately Prepared Well Prepared C/E

Overall Comments:

Remaining Characters: 5,000

[Return to Questionnaire List](#)

Quarterly New Innovations Report

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Overall Comments:

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[Return to Questionnaire List](#)

Postdoctoral Student Competency Tests (Ten)

POSTDOCTORAL STUDENT COMPETENCY TESTS Stony Brook Advanced Specialty Education Program in Periodontics

Date of Competency Evaluation: _____ Faculty Evaluator: _____

Student: _____

Print/Sign

Year	1	2	3
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SKILL EVALUATED: (put "x" next to skill being evaluated)

Dx/Tx Plan		Osseous Sx +/- Regeneration		Site Development		Provisionalization	
SC/RP		Implant Sx		Eval of tx provided			
Crown Lengthening Sx		Perio Plastic Sx		IV Sedation			

Key: S: satisfactory U: unsatisfactory N/A: non-applicable

Areas of Evaluation

AREAS OF EVALUATION	S	U	N/A
Professionalism (communication with faculty, peers, students, staff)			
Medical assessment complete & appropriate			
Medical consultation completed & returned			
Accurate periodontal charting			
Accurate interpretation of radiographs			
Diagnoses are correct			
Comprehensive treatment plan provided			
Adequate use and knowledge of instrumentation			
Informed consent given & consent obtained			
Adherence to infection control protocol			
Treatment planned is appropriate for condition: rationale provided			
Treatment selected is based on scientific evidence			
Anxiety control appropriate & effective			
Pain control appropriate & effective			
Incision design appropriate for procedure			

Areas of Evaluation

Flap management appropriate & effective			
Scaling & root planing is adequate & thorough			
Pre-surgical findings appropriately & accurately assessed			
Treatment approach selected is appropriate for findings			
Selected treatment properly performed			
Flap management & suturing appropriate & effective			
Adequate hemostasis obtained			
Post-operative instructions appropriate & complete			
Post-operative prescriptions appropriate for procedure & patient			
Sedation form accurately and thoroughly completed			
Time management was effective for the given situation			
Management of complications			
Management of medical emergencies			
Selection of temporary abutment appropriate			
Occlusal evaluation and adjustments are appropriate/indicated			

Evaluation Postdoctoral Student Competency Test

The screenshot displays a dental software interface. On the left is a vertical toolbar with icons for Patient Care, Schedule, Endorse Health Record, Pass Chart, Ortho Manage, Patient Attachments, Personal Planner, Evaluations, Lab Tracking, X-Ray, Imaging, and Info Manager. The main area shows a dental arch with teeth numbered 1-16. A table below the arch lists patient visits with columns for Date, Prev. User, Code, Site, Suf., Site, Phase, Appr. User, and Description. The table contains three rows of data. A context menu is open over the table, with the option 'Add Student Eval...' highlighted in red. To the right of the menu is a sidebar with various tabs and a list of items.

Date	Prev. User	Code	Site	Suf.	Site	Phase	Appr. User	Description
07/25/16	G. Parnell	Note					G. Parnell	Import conversion uploaded
07/25/16	M. Pless	D6010	15		C	0	J. Davis	Implants, Includes Stage I
07/25/16	M. Pless	D6010	13		C	0	J. Davis	Implants, Includes Stage I
07/25/16	M. Pless	Note					J. Carlson	PATIENT PRESENTS FOR IMPLANTS #13 AND 15 WITH OSTEOTOME #15 MEDICAL HISTORY: See chart MEDICATIONS: See chart PREOP BP: 134/85 PULSE: 67 ANESTHESIA USED: 1 pack topical benzocaine 20%, 2.5 capsules Septocaine via local infiltration TREATMENT: FTF reflected from #13-15 with vertical releases to avoid removing tissue from implant #12, #13, C 3.5 root, and 4.3 root #8. A void in the sinus graft was noted, so graft material was placed apical of the void and covered with the polished collar supracrestal. Torque >50Ncm. Impacted with pendex, cover screw placed. #15: Osteotomy created with precision drill, 2mm twist, 3.5 twist, 4.3 twist, and 5.0 twist drill. Floor of the sinus was material 5.0 x 11.5mm Nobel conical connect implant inserted even with the crest of the bone. Torque >45Ncm. Subued with 4-0 vinyl suture. Post op instructions given written and verbally. Sinus precautions reviewed with patient. RADIOGRAPH(S): PA taken intra-operatively MEDICATIONS PRESCRIBED: Amoxicillin 500mg for 7 days, Pendex, Supradol 800mg

**Add
Student
Evaluation**

Evaluation Postdoctoral Student Competency Test

The screenshot displays a dental software interface. On the left, a vertical sidebar contains icons for various functions: Patient Care, Schedule, Electronic Health Record, PMS Chart, Office Manager, Patient Attachments, Financial Planner, Evaluations, Lab Tracking, X-Ray, Imaging, and Info Manager. The main window is divided into several sections. At the top, there's a timeline view showing a sequence of dental procedures represented by colored icons (green, yellow, red, blue) over a period of 30 days. Below this is a table with columns for Date, Plan/Note, Code, Site, Sub, Staff, Provider, Appr User, and Description. The table contains three rows of data, with the third row highlighted in blue. To the right of the table, there's a text area containing patient information and medical history. Further right, there's a 'Medical Notes' section with a list of current medications. At the bottom right, there's a 'Competency Evaluation' form. This form has a dropdown menu for 'Provider' set to 'J. J. J.' and a 'Date' field. Below this is a list of competencies with checkboxes for 'Competency' and 'Grade'. A red arrow points to the 'Competency PG Perio' entry, which is highlighted in blue. The 'Grade' column for this entry is empty.

Date	Plan/Note	Code	Site	Sub	Staff	Provider	Appr User	Description
01/01/16	G. Packer	None				G. Packer		Second extraction scheduled
01/01/16	H. Packer	00010	15			H. Packer		Implant Evaluation Stage I
01/01/16	H. Packer	00010	15			H. Packer		Implant Evaluation Stage II

Competency	Competency	Grade
C-001	Competency: Y1C 01 Composite	
C-002	Competency: Y1C 02 Amalgam	
C-003	Competency: Y1C 03 Direct Restorative	
C-004	Competency: Y1C 04 Indirect Restorative	
C-005	Competency: Y1C 05 Crown	
C-006	Competency: Y1C 06 Bridge	
C-007	Competency: Y1C 07 Partial Denture	
C-008	Competency: Y1C 08 Complete Denture	
C-009	Competency: Y1C 09 Oral Surgery	
C-010	Competency: Y1C 10 Radiology	
C-011	Competency: Y1C 11 Patient Management	
C-012	Competency: Y1C 12 Professionalism	
C-013	Competency: Y1C 13 Communication	
C-014	Competency: Y1C 14 Infection Control	
C-015	Competency: Y1C 15 Safety	
C-016	Competency: Y1C 16 Emergency	
C-017	Competency: Y1C 17 Practice Management	
C-018	Competency: Y1C 18 Research	
C-019	Competency: Y1C 19 Quality Improvement	
C-020	Competency: Y1C 20 Professionalism	
C-021	Competency: Y1C 21 Communication	
C-022	Competency: Y1C 22 Infection Control	
C-023	Competency: Y1C 23 Safety	
C-024	Competency: Y1C 24 Emergency	
C-025	Competency: Y1C 25 Practice Management	
C-026	Competency: Y1C 26 Research	
C-027	Competency: Y1C 27 Quality Improvement	
C-028	Competency: Y1C 28 Professionalism	
C-029	Competency: Y1C 29 Communication	
C-030	Competency: Y1C 30 Infection Control	
C-031	Competency: Y1C 31 Safety	
C-032	Competency: Y1C 32 Emergency	
C-033	Competency: Y1C 33 Practice Management	
C-034	Competency: Y1C 34 Research	
C-035	Competency: Y1C 35 Quality Improvement	
C-036	Competency: Y1C 36 Professionalism	
C-037	Competency: Y1C 37 Communication	
C-038	Competency: Y1C 38 Infection Control	
C-039	Competency: Y1C 39 Safety	
C-040	Competency: Y1C 40 Emergency	
C-041	Competency: Y1C 41 Practice Management	
C-042	Competency: Y1C 42 Research	
C-043	Competency: Y1C 43 Quality Improvement	
C-044	Competency: Y1C 44 Professionalism	
C-045	Competency: Y1C 45 Communication	
C-046	Competency: Y1C 46 Infection Control	
C-047	Competency: Y1C 47 Safety	
C-048	Competency: Y1C 48 Emergency	
C-049	Competency: Y1C 49 Practice Management	
C-050	Competency: Y1C 50 Research	

Competency
PG Perio

Evaluation Postdoctoral Student Competency Test

Evaluation Information		Academic Information	
Provider	P8895	Evaluator	<input checked="" type="radio"/> Instructor <input type="radio"/> Provider
Discipline		Instructor	Carrion, Julio
Form	CP-PER	<input type="checkbox"/> Held For	
<input type="checkbox"/> Competency			
Question	Grade	Grade	Description
Year		Y1	Year 1
Skill Evaluated		Y2	Year 2
		Y3	Year 3
Areas of Evaluation			
Professionalism			
Medical assessment complete/appropriate			
Medical consultation completed/returned			
Accurate periodontal charting			
Accurate interpretation of radiographs*			
Diagnoses are correct			
Time (Hrs)		Total RVU	0.00

☐ Add another evaluation

Evaluation Postdoctoral Student Competency Test

Evaluation Information		Academic Information	
Provider	P8895	Evaluator	<input checked="" type="radio"/> Instructor <input type="radio"/> Provider
Discipline		Instructor	Camion, Julio
Form	CP-PER	<input type="checkbox"/> Held For	
<input type="checkbox"/> Competency			
Question	Grade	Grade	Description
Comprehensive treatment plan provided		Y1	Year 1
Adequate use & knowledge of instruments		Y2	Year 2
Informed consent given/consent obtained		Y3	Year 3
Adherence to infection control protocol			
Tx plan is appropriate for condition			
Trt is based on scientific evidence			
Anxiety control appropriate & effective			
Pain control appropriate & effective			
Incision design appropriate for proc			
Flap management appropriate & effective			
Time (Hrs)		Total RVU	0.00
		View Other	

☐ Add another evaluation

Evaluation Postdoctoral Student Competency Test

Evaluation Information		Academic Information	
Provider	P8895	Evaluator	<input checked="" type="radio"/> Instructor <input type="radio"/> Provider
Discipline		Instructor	Carrion, Julio
Form	CP-PER	<input type="checkbox"/> Held For	
<input type="checkbox"/> Competency			
Question	Grade	Grade	Description
Flap mgt/suturing appropriate/effective		Y1	Year 1
Adequate hemostasis obtained		Y2	Year 2
Post-op instruction appropriate/complete		Y3	Year 3
Post op RX appropriate for proc/patient			
Sed form accurately/thoroughly completed			
Time mgt effective for given situation			
Management of complications			
Management of medical emergencies			
Selection of temp abutment appropriate			
Occlusal eval/adjust appropriate/indicat			
		<input type="checkbox"/> Add another evaluation	
		Time (Hrs)	
		Total RVU	0.00
		View Other	

Student Report: Postdoctoral Student Competency

Competencies Resident

Competency: PG Perio	2014-2015	03/02/15	Skill Evaluated	SC/RP
			Professionalism	S
			Medical assessment complete/appropriate	S
			Medical consultation completed/returned	S
			Accurate periodontal charting	S
			Accurate interpretation of radiographs*	S
			Diagnoses are correct	S
			Comprehensive treatment plan provided	S
			Adequate use & knowledge of instruments	S
			Informed consent given/consent obtained	S
			Adherence to infection control protocol	S
			Tx plan is appropriate for condition	S
			Trt is based on scientific evidence	S

Anxiety control appropriate & effective	S
Pain control appropriate & effective	S
Incision design appropriate for proc	NA
Flap management appropriate & effective	NA
Scaling/Root planing adequate/thorough	S
Pre-surg findings assessed appro & accur	NA
Trt approach is appropriate for findings	S
Selected treatment properly performed	S
Flap mgt/suturing appropriate/effective	NA
Adequate hemostasis obtained	S
Post-op instruction appropriate/complete	S
Post op RX appropriate for proc/patient	NA
Sed form accurately/thoroughly completed	NA
Time mgt effective for given situation	S
Management of complications	NA
Management of medical emergencies	NA
Selection of temp abutment appropriate	NA
Occlusal eval/adjust appropriate/indicat	NA

Student Report: Postdoctoral Student Competency

Competencies Resident				
Competency: PG Perio	2014-2015	04/29/15	Skill Evaluated	SD
			Professionalism	S
			Medical assessment complete/appropriate	S
			Medical consultation completed/returned	NA
			Accurate periodontal charting	NA
			Accurate interpretation of radiographs*	S
			Diagnoses are correct	S
			Comprehensive treatment plan provided	S
			Adequate use & knowledge of instruments	S
			Informed consent given/consent obtained	S
			Adherence to infection control protocol	S
			Tx plan is appropriate for condition	S
			Trt is based on scientific evidence	S
			Anxiety control appropriate & effective	S
			Pain control appropriate & effective	S
			Incision design appropriate for proc	S

Surgical Seminars Series

- Weekly presentations by individual periodontal residents on surgical procedures used in contemporary periodontics.
- Case example
- AAP In-Service Questions

DEPARTMENT OF PERIODONTOLOGY
ADVANCED SPECIALTY EDUCATION PROGRAM IN PERIODONTICS
SURGICAL SEMINARS 2016-2017
TUESDAYS 4:00-5:00 P.M.

Topic	Resident Leader	Date
1. New Attachment Procedures Replaced (Modified Widman) Flap Papilla Preservation Procedures	Michael Plaut	09/20/16
2. Resective Procedures Gingivectomy and Gingivoplasty	Vanesza Robles	09/27/16
Apically Positioned (Advanced) Flap (including osseous resection and functional crown lengthening)	Shalia Santana	10/04/16
Root resection/hemisection	James Iovino	10/11/16
3. Osseous Grafting (Reconstructive) Procedures Autograft (Intra/Extraoral)	Sylvia Arsuaga	10/18/16
Xenograft Allograft Alloplast	Zev Lazarus	10/25/16

Case Illustration

Esthetic Crown Lengthening

January 20, 2015
Department of Periodontology
School of Dental Medicine
Stony Brook University

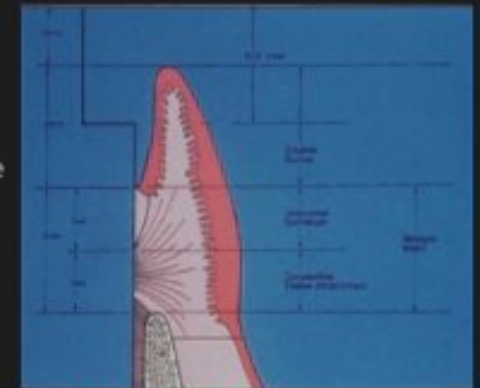
Presentation Outline

- Rationale for Crown Lengthening
- Basic Surgical Considerations
- Esthetic Considerations
- Clinical Cases

Literature Review

- Davarpanah et al. (1998)

- Anterior Crowns
- Need 5 mm of tooth structure incisal to the alveolar crest for intrasulcular restoration



2mm to maintain the biologic width
2mm sulcular depth for intrasulcular margin placement
2mm for retention with the finishline 1mm into the sulcus

Case Illustration



Gingival Display

- When smiling, you should see no more than 3mm of gingiva
- Women > Men
- Symmetry
- Gingival line follows lip line



Relative Dental Proportions



- Width/length ratio (W/L) is ideal when the tooth is 75-80% as wide as it is tall

- Anterior teeth should look like a rectangle, not a square



Width/length ratio:

-blue tooth w/l ratio= 0.85

-Red tooth W/L ratio= 0.75

-Green tooth W/L ratio= 0.60

AAP In-Service Questions

AMERICAN ACADEMY OF PERIODONTOLOGY
2008 IN-SERVICE EXAMINATION - SECTION D

According to Davarpanah (1998), following a crown lengthening procedure where the finish line will be placed subgingivally, tooth preparation should be postponed for at least _____ weeks.

- a) 4
- b) 8
- c) 10
- d) 12

AMERICAN ACADEMY OF PERIODONTOLOGY
2008 IN-SERVICE EXAMINATION - SECTION D

According to Davarpanah (1998), following a crown lengthening procedure where the finish line will be placed subgingivally, tooth preparation should be postponed for at least _____ weeks.

- b) 8

AMERICAN ACADEMY OF PERIODONTOLOGY
2010 IN-SERVICE EXAMINATION - SECTION D

According to Bragger et al. (1992), how long did it take the MAJORITY of gingival margins to stabilize after surgical crown lengthening of the anterior teeth?

- a) 2 weeks
- b) 6 weeks
- c) 6 months
- d) 1 year

Surgical Seminars Evaluation Forms

Advanced Education Program in Periodontics
Department of Periodontology
Stony Brook University

Surgical Seminars

Faculty Assessment of Presentation Skills

Name of Postdoctoral Student Presenting

Date

Faculty Name

Faculty Signature

Topic

Assess the postdoctoral student in each of the following areas.
Fill in one response for each item. Use the line to briefly qualify your rating, as needed.

Communication Skills

Use the scale: A=Outstanding; B=Satisfactory; C=Marginal; D=Unsatisfactory

Presenter:

1. Speaks clearly
2. Speaks at the right pace
3. Speaks to the audience
4. Makes ongoing eye contact with the audience
5. Appears confident
6. Appears enthusiastic
7. Is open to constructive criticism

Presentation

Use the scale: A=Outstanding; B=Satisfactory; C=Marginal; D=Unsatisfactory

1. Depth of background information

2. Accuracy of references
3. Quality of slides
4. Clear emphasis on major points
5. Logical flow of the presentation
6. Quality of historical examples of the procedure(s)
7. Presentation of own examples of the procedure(s)
8. Sound rationale for procedure(s) presented
9. Sound rationale for alternative procedures
10. Response to questions

How does this surgical seminar rank with others presented in Surgical Seminars over the past three (3) years?

A=Top 10% B=Top 1/3 C=Middle 1/3 D=Bottom 1/3 E=Don't Know

Overall Comments and Recommendations

What were the major strengths of this surgical seminar?

What modifications/changes can the postdoctoral student make to enhance the next surgical seminar?

Surgical Seminars Evaluation Forms

Advanced Education Program in Periodontics
Department of Periodontology
Stony Brook University

Surgical Seminars

Faculty Assessment of Presentation Skills

Name of Postdoctoral Student Presenting _____

Date _____

Faculty Name _____

Faculty Signature _____

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Assess the postdoctoral student in each of the following areas.
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Presenter:

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3. Speaks to the audience _____
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5. Appears confident _____
6. Appears enthusiastic _____
7. Is open to constructive criticism _____

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Use the scale: A=Outstanding; B=Satisfactory; C=Marginal; D=Unsatisfactory

1. Depth of background information _____

2. Accuracy of references _____
3. Quality of slides _____
4. Clear emphasis on major points _____
5. Logical flow of the presentation _____
6. Quality of historical examples of the procedure(s) _____

7. Presentation of own examples of the procedure(s)

8. Sound rationale for procedure(s) presented _____
9. Sound rationale for alternative procedures _____
10. Response to questions _____

How does this surgical seminar rank with others presented in Surgical Seminars
over the past three (3) years?

A=Top 10% B=Top 1/3 C=Middle 1/3 D=Bottom 1/3 E=Don't Know

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What were the major strengths of this surgical seminar?

What modifications/changes can the postdoctoral student make to enhance the next surgical seminar?

Surgical Seminars Evaluation Forms

Advanced Education Program in Periodontics
Department of Periodontology
Stony Brook University

Surgical Seminars

Faculty Assessment of Presentation Skills

Name of Postdoctoral Student Presenting

Date

Faculty Name

Faculty Signature

Topic

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6. Quality of historical examples of the procedure(s)
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What were the major strengths of this surgical seminar?

What modifications/changes can the postdoctoral student make to enhance the next surgical seminar?

Conferences in Clinical Periodontics

DEPARTMENT OF PERIODONTOLOGY ADVANCED SPECIALTY EDUCATION PROGRAM IN PERIODONTICS CONFERENCES IN CLINICAL PERIODONTICS

<p> Listed below are the treatment planning seminars/case presentation conferences that postdoctoral students in periodontics are to present in an evidenced-based format. All faculty in the Department of Periodontology are urged to attend. </p>			
<p> Day: Tuesday Time: 5:00 - 7:00 p.m.* Room: 3-100, Rockland Hall </p>			
Date	Time	Resident	Notes
August	9	3:00 PM Orientation (3:00-4:00 PM)	
	16	Vanessa Robbins	
	23	Shella Serfaty	
	30	Sybil Aronson	
September	6	Michael Hadd	
	13	AAP Meeting	
	20	James Kovacs	
	27	James Robbins	
October	4	Russel Rosen	
	11	Vanessa Robbins	
	18	Michael Hadd	
	25	Alex Zagan	
November	1	Shella Serfaty	
	8	Sybil Aronson	
	15	James Kovacs	
	22	Zoe Latsos	
	29	James Robbins	
December	6	Written Mid-Term Exam	
	13	Oral Mid-Term Exam	
	20	Department Holiday Luncheon	
January	3	Russel Rosen	
	10	Alex Zagan	
	17	Michael Hadd	
	24	Vanessa Robbins	
	31	Shella Serfaty	
February	7	Sybil Aronson	
	14	James Kovacs	
	21	Zoe Latsos	
	28	James Robbins	
March	7	AAP In-Service Exam	
	14	Spring Retreat	
	21	Russel Rosen	
	28	Alex Zagan	
April	4	Michael Hadd	
	11	Vanessa Robbins	
	18	Shella Serfaty	
	25	Sybil Aronson	
May	2	James Kovacs	
	9	Zoe Latsos	
	16	James Robbins	
	23	Russel Rosen	
	30	Alex Zagan	
Simulated American Board of Periodontology			
Case Presentation and Oral Comprehensive Examinations:			
June	6	2:00 PM Michael Hadd	
June	13	2:00 PM Vanessa Robbins	
June	20	2:00 PM Shella Serfaty	
June		TBD Year 2 Residents	
June		TBD Year 3 Residents	

Conferences in Clinical Periodontics

- Weekly presentations by individual periodontal residents on clinical cases

DEPARTMENT OF PERIODONTOLOGY ADVANCED SPECIALTY EDUCATION PROGRAM IN PERIODONTICS CONFERENCES IN CLINICAL PERIODONTICS

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23	Shella Santana		
30	Sybra Arzuaga		
September 6	Michael Mast		
13	AAP Meeting		
20	James Jovino		
27	James Ramos		
October 4	Roser Rosal		
11	Vanesa Robles		
18	Michael Mast		
25	Alex Zain		
November 1	Shella Santana		
8	Sybra Arzuaga		
15	James Jovino		
22	Zoe Latorre		
29	James Ramos		
December 6	Written Mid-Term Exam		
13	Oral Mid-Term Exam		
20	Department Holiday Luncheon		
January 3	Roser Rosal		
10	Alex Zain		
17	Michael Mast		
24	Vanesa Robles		
31	Shella Santana		
February 7	Sybra Arzuaga		
14	James Jovino		
21	Zoe Latorre		
28	James Ramos		
March 7	AAP In-Service Exam		
14	Spring Retreat		
21	Roser Rosal		
28	Alex Zain		
April 4	Michael Mast		
11	Vanesa Robles		
18	Shella Santana		
25	Sybra Arzuaga		
May 2	James Jovino		
9	Zoe Latorre		
16	James Ramos		
23	Roser Rosal		
30	Alex Zain		
Simulated American Board of Periodontology			
Case Presentation and Oral Comprehensive Examinations:			
June 6	2:00 PM Michael Mast		
June 13	2:00 PM Vanessa Robles		
June 20	2:00 PM Shella Santana		
June	TBD Year 2 Residents		
June	TBD Year 3 Residents		

Conferences in Clinical Periodontics

- Weekly presentations by individual periodontal residents on clinical cases
- Comprehensive treatment plan is presented for discussion and critique by residents and faculty

DEPARTMENT OF PERIODONTOLOGY ADVANCED SPECIALTY EDUCATION PROGRAM IN PERIODONTICS CONFERENCES IN CLINICAL PERIODONTICS

Lined below are the treatment planning seminars/case presentation conferences that postdoctoral students in periodontics are to present in an evidenced-based format. All faculty in the Department of Periodontology are urged to attend.

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20	Department Holiday Luncheon		
January 3	Roser Rosal		
10	Alex Zain		
17	Michael Mast		
24	Vanesa Robles		
31	Shella Santana		
February 7	Sybra Arzuaga		
14	James Jovino		
21	Zoe Latorre		
28	James Ramos		
March 7	AAP In-Service Exam		
14	Spring Recess		
21	Roser Rosal		
28	Alex Zain		
April 4	Michael Mast		
11	Vanesa Robles		
18	Shella Santana		
25	Sybra Arzuaga		
May 2	James Jovino		
9	Zoe Latorre		
16	James Ramos		
23	Roser Rosal		
30	Alex Zain		
Simulated American Board of Periodontology			
Case Presentation and Oral Comprehensive Examinations:			
June 6	2:00 PM Michael Mast		
June 13	2:00 PM Vanessa Robles		
June 20	2:00 PM Shella Santana		
June	TBD Year 2 Residents		
June	TBD Year 3 Residents		

Case Illustration



Final Case Presentation

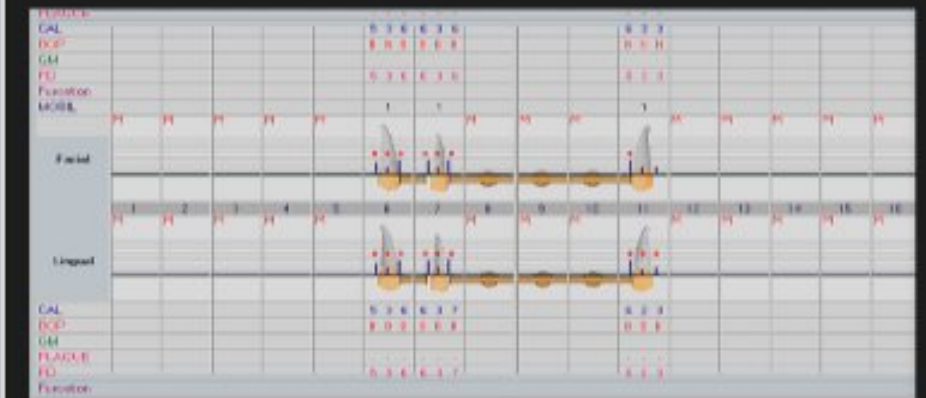
*Dept. Periodontology
Stony Brook University*

Patient History:

- Mr. A is 70 years old, male patient referred from GPR.
- Chief Complaint: "The other doctor told me I have bone loss and I want to keep my teeth."



Periodontal Chart
Patient: 148046
Initial Exam: 8/20/2013



Case Illustration

Anterior Sextants
Patient: 148046
Initial Exam: 8/20/2013



Gingival Index: 2
Plaque Index: 2

Probing Depths: 3-6mm
Gingival recession: ~3mm

Mobility: 3/6, 7/9 and 11/Type 2/5
#22 and 27/Type 2/5
Seibert 3/1/1 Mand. Anterior 5



Conferences in Clinical Periodontics Evaluation Forms

Advanced Education Program in Periodontics
Department of Periodontology
Stony Brook University

Conferences in Clinical Periodontics
Faculty Assessment of Presentation Skills

Name of Postdoctoral Student Presenting _____ Date _____

Faculty Name _____ Faculty Signature _____

Assess the postdoctoral student in each of the following areas. Fill in one response for each item. Use the line to briefly qualify your rating, as needed.

Communication Skills
Use the scale: A=Outstanding; B=Satisfactory; C=Marginal; D=Unsatisfactory

Presenter

1. Speaks clearly
2. Speaks at the right pace
3. Speaks to the audience
4. Makes ongoing eye contact with the audience
5. Appears confident _____
6. Appears enthusiastic
7. Is open to constructive criticism

Presentation
Use the scale: A=Outstanding; B=Satisfactory; C=Marginal; D=Unsatisfactory

1. Quality of clinical slides
2. Quality of radiographic slides
3. Quality of title slides

4. Quality of diagnostic casts _____
5. Quality of diagnostic waxing
6. Clear emphasis on major points
7. Justification of assertions/claims
8. Logical flow of the presentation
9. Sound rationale for treatment
10. Sound rationale for non-treatment choices
11. Sound rationale for prognosis _____
12. Response to questions

Clinical Judgment Skills
Use the scale: A=As a Highly Skilled Clinician; B=As an Adequately Skilled Clinician; C=As a Marginally Skilled Clinician; D=As an Inadequately Skilled Clinician

1. Radiographic evaluation
2. Clinical evaluation
3. Diagnosis
4. Etiology
5. Prognosis _____
6. Treatment plan
7. Logical sequence for treatment
8. Quality of treatment provided
9. Maintenance program
10. Evaluation of treatment _____

How does this case presentation rank with others presented in Conferences in Clinical Periodontics over the past three (3) years?

A= Top 10% B=Top 1/3 C=Middle 1/3 D=Bottom 1/3 E= Don't Know

Overall Comments and Recommendations

What were the major strengths of this case presentation?

What modifications/changes can the postdoctoral student make to enhance the next presentation?

Conferences in Clinical Periodontics Evaluation Forms

Advanced Education Program in Periodontics Department of Periodontology Stony Brook University	
Conferences in Clinical Periodontics	
Faculty Assessment of Presentation Skills	
Name of Postdoctoral Student Presenting _____	Date _____
Faculty Name _____	Faculty Signature _____
Assess the postdoctoral student in each of the following areas. Fill in one response for each item. Use the line to briefly qualify your rating, as needed.	
Communication Skills Use the scale: A=Outstanding; B=Satisfactory; C=Marginal; D=Unsatisfactory	
Presentation	
1. Speaks clearly	_____
2. Speaks at the right pace	_____
3. Speaks to the audience	_____
4. Makes ongoing eye contact with the audience	_____
5. Appears confident	_____
6. _____	_____
7. _____	_____
8. Quality of treatment provided	_____
Press Use the	
1. _____	_____
2. Quality of radiographic slides	_____
3. Quality of title slides	_____
4. Quality of diagnostic casts _____	
5. Quality of diagnostic waxing _____	
6. Clear emphasis on major points _____	
7. Justification of assertions/claims _____	
8. Logical flow of the presentation _____	
9. Sound rationale for treatment _____	
10. Sound rationale for non-treatment choices _____	
11. Sound rationale for prognosis _____	
12. Response to questions _____	
Clinical Judgment Skills Use the scale: A=As a Highly Skilled Clinician; B=As an Adequately Skilled Clinician; C=As a Marginally Skilled Clinician; D=As an Inadequately Skilled Clinician	
1. Radiographic evaluation _____	
2. Clinical evaluation _____	
3. Diagnosis _____	
4. Etiology _____	
5. Prognosis _____	
How does this case presentation rank with others presented in Conferences in Clinical Periodontics over the past three (3) years?	
A= Top 10% B=Top 1/3 C=Middle 1/3 D=Bottom 1/3 E= Don't Know	
Overall Comments and Recommendations What were the major strengths of this case presentation? _____ What modifications/changes can the postdoctoral student make to enhance the next presentation? _____	

Unexpected Outcomes in Periodontics

Unexpected Outcomes in Periodontics

- Monthly presentation and analysis of unintended outcomes of periodontal therapy including identification of potential contributing factors and treatment modifications to improve outcomes.

Unexpected Outcomes in Periodontics

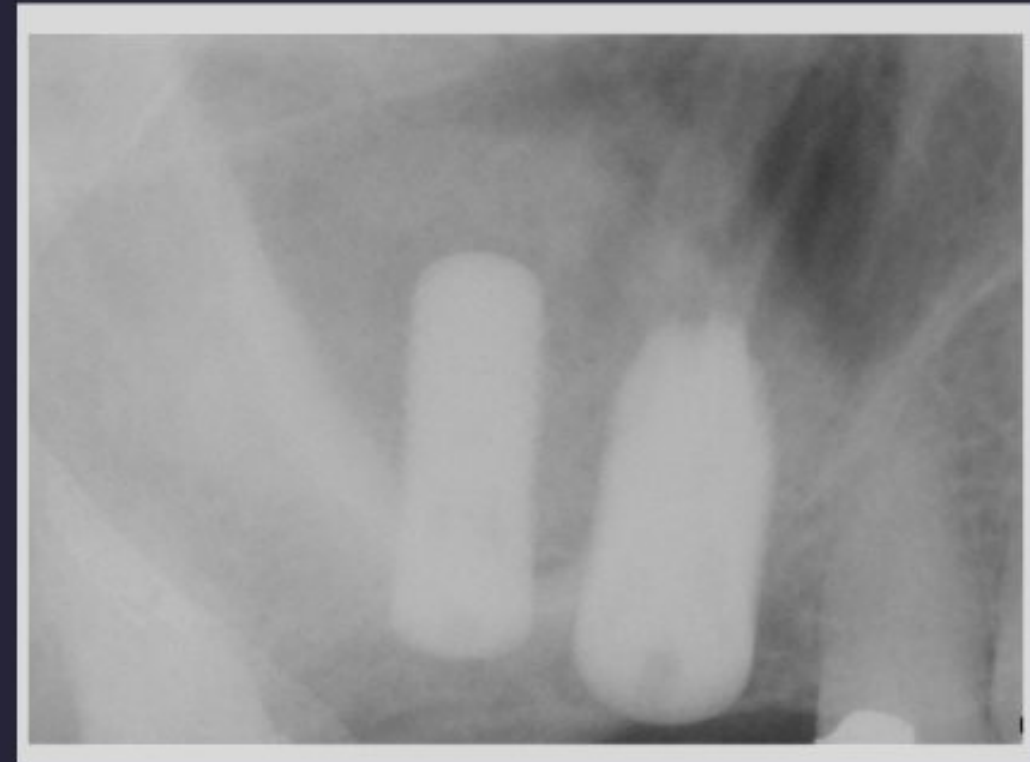
- Monthly presentation and analysis of unintended outcomes of periodontal therapy including identification of potential contributing factors and treatment modifications to improve outcomes.
- Criteria to be evaluated include:
 - Diagnosis
 - Etiology

Unexpected Outcomes in Periodontics

- Monthly presentation and analysis of unintended outcomes of periodontal therapy including identification of potential contributing factors and treatment modifications to improve outcomes.
- Criteria to be evaluated include:
 - Diagnosis
 - Etiology
 - Prognosis
 - Treatment Plan
 - Selected Therapy
 - Execution of Therapy
- Monthly resident-presented seminar during the 3 years of the residency training.

Case Illustration

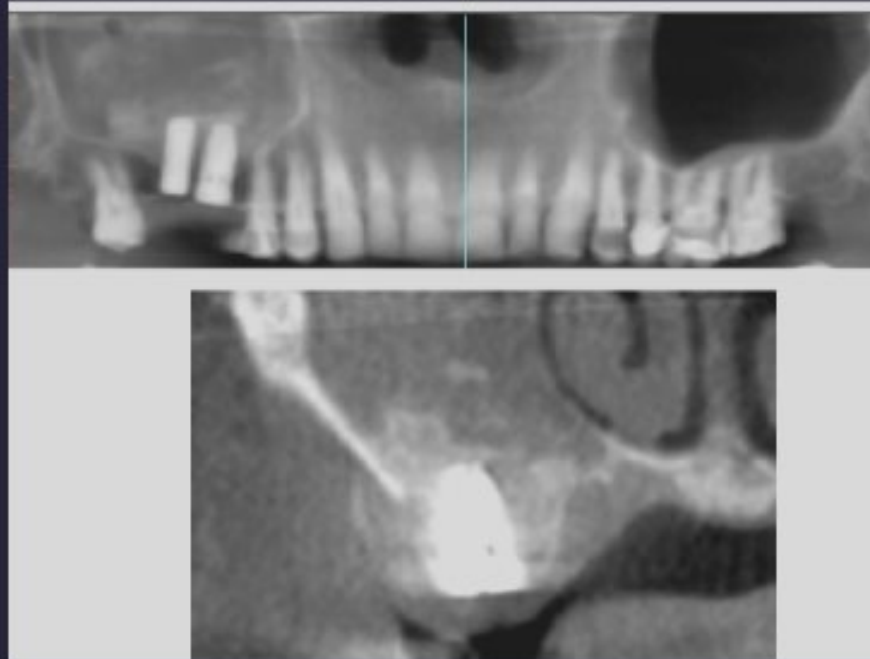
- 57 years old, male
- Referred to Perio for Lateral Window and Implants at #2, 3
- Chief complaint: "I need teeth on this side to chew."
- UR Quadrant
 - Lateral Window Sinus Augmentation + 2x Dental Implants at #2, 3



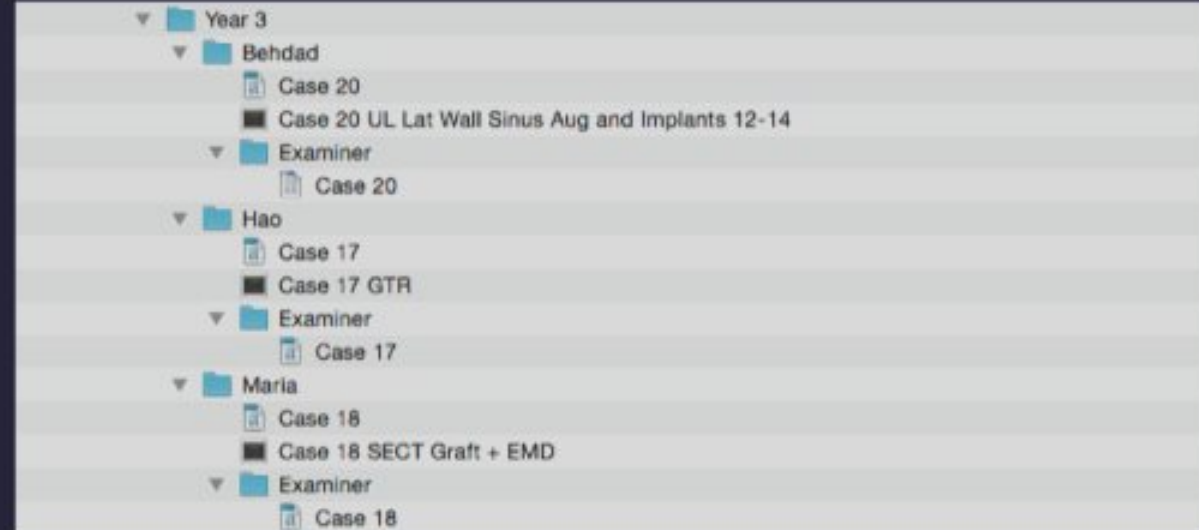
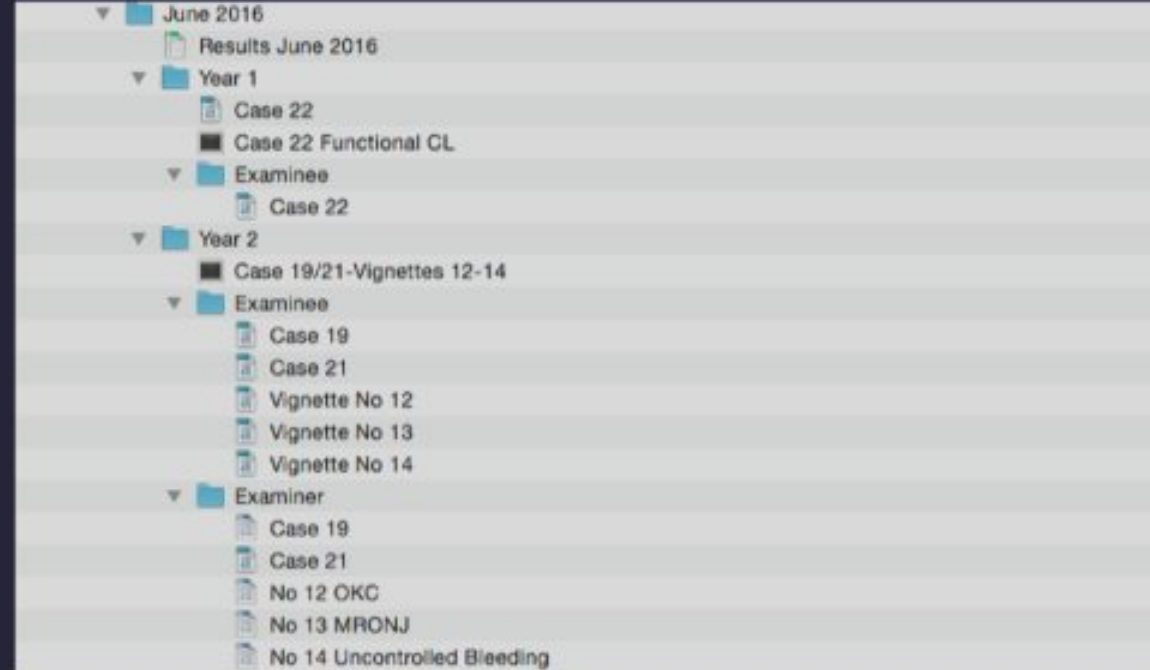
Case Illustration

Emergency Visit – 4 days

- Pt returned to DCC for evaluation of surgical site with chief complaint:
- “I am in a lot of pain and there is pressure behind my right eye.”
- Clinical exam revealed good flap approximation, all sutures were intact, no purulence
- Determined that patient had a sinus graft infection and was placed on:
 - Levaquin 500 mg for 10 days
 - Medrol dosepak
- Patient to return for sinus graft and implant removal in 3 days and pre-op CBCT



Simulated ABP Examinations



Simulated ABP Examinations Forms

**Simulated American Board of Periodontology
Oral Examination**

Evaluation Rating Scale Definitions

	Unsatisfactory (1)	Marginal (2)	Satisfactory (3)	Outstanding (4)
Diagnosis (Intra-and extra-oral pathoses and Periodental Dx) (1)	Dx is incorrect or incomplete and potentially harmful	Dx is incomplete but safe	Dx is correct but not outstanding	Dx is correct and is thoroughly and impressively reasoned
Etiology (2)	Etiology that is incorrect or incomplete and potentially harmful	Etiology is incomplete but safe	Etiology is correct but not outstanding	Etiology is correct and is thoroughly and impressively reasoned
Prognosis (3)	Prognosis that is incorrect or incomplete and potentially harmful	Prognosis is incomplete but safe	Prognosis is correct but not outstanding	Prognosis is correct and is thoroughly and impressively reasoned
Treatment Planning (4)	Tx Plan is incorrect or incomplete and potentially harmful	Tx Plan is incomplete but safe	Tx Plan is correct but not outstanding	Tx Plan is correct and is thoroughly and impressively reasoned
Selected Therapy (5)	Selected Therapy is incorrect or incomplete and potentially harmful	Selected Therapy is incomplete but safe	Selected Therapy is correct but not outstanding	Selected Therapy is correct and is thoroughly and impressively reasoned
Evaluation and Maintenance of Therapy (6)	Evaluation and Maintenance of Therapy are incorrect or incomplete and potentially harmful	Evaluation and Maintenance of Therapy are incomplete but safe	Evaluation and Maintenance of Therapy are correct but not outstanding	Evaluation and Maintenance of Therapy are correct and is thoroughly and impressively reasoned

**Simulated American Board of Periodontology
Oral Examination Evaluation Form**

Postdoctoral Student Name _____ Postdoctoral Student Signature _____

Faculty Name _____ Faculty Signature _____

Date _____

Rating Scale

Circle the quality of each postdoctoral student's performance with regard to the following skills using this rating scale:

① Unsatisfactory: incorrect or incomplete and potentially harmful

② Marginal: incomplete, but safe

③ Satisfactory: Correct, but not outstanding

④ Outstanding: Correct and is thoroughly and impressively reasoned

	Case/Vignette #			
	1	2	3	4
Diagnosis				
Etiology				
Prognosis				
Treatment Plan				
Therapy				
Evaluation and Maintenance				

Mean Score = _____

Simulated ABP Examinations Results

Advanced Specialty Education Program in Periodontics
Department of Periodontology
Stony Brook University

Simulated American Board of Periodontology
Oral Examination Cumulative Results
Spring 2016
Year 1

Case 22			
	Resident 1	Resident 2	Resident 3
Faculty 1	3	3	3.5
Faculty 2	3	3.2	3.5
Avg.	3	3.1	3.5

Advanced Specialty Education Program in Periodontics
Department of Periodontology
Stony Brook University

Simulated American Board of Periodontology
Oral Examination Cumulative Results
Spring 2016
Year 2-Residents

Case 19			
	Resident 1	Resident 2	Resident 3
Faculty 1	3	3	3
Faculty 2	2.83	2.67	3
Avg.	2.9	2.8	3.0

Vignette 13			
	Resident 1	Resident 2	Resident 3
Faculty 1	2.5	3	2
Faculty 2	2.5	3	2.5
Avg.	2.5	3.0	2.3

Case 21			
	Resident 1	Resident 2	Resident 3
Faculty 1	2.67	3	3
Faculty 2	2.5	2.83	3
Avg.	2.6	2.9	3.0

Vignette 14			
	Resident 1	Resident 2	Resident 3
Faculty 1	2	2	3
Faculty 2	2.5	3	3
Avg.	2.3	2.5	3.0

Vignette 12			
	Resident 1	Resident 2	Resident 3
Faculty 1	3	3	3
Faculty 2	3	3	3
Avg.	3.0	3.0	3.0

Advanced Education Program in Periodontics
Department of Periodontology
Stony Brook University

Simulated American Board of Periodontology
Oral Examination Cumulative Results
Spring 2016
Year 3

	Case 18	Case 17	Case 20
	Resident 1	Resident 2	Resident 3
Faculty 1	3.3	3.2	3.5
Faculty 2	3.3	3	3.2
Avg.	3.3	3.1	3.35

Portfolio

Dear _____,

In order to insure the satisfactory completion of 20 case reports for your portfolio by your anticipated graduation date (**summative assessment**), I have instituted a semi-annual review process by clinical attending faculty (**formative assessment**). The process will include the distribution of the CDs that are submitted to me during your semi-annual evaluation schedule to teams of two attending clinical faculty members assigned to each resident. Upon receipt of the CDs, the attendings will review and assess their content and report to you (copy me) if the cases are satisfactory or, if necessary, any modifications and/or additional cases are to be incorporated. I will be updated by your faculty review teams on an ongoing basis as to the achievement of this program requirement.

The following is the list of review teams with their respective residents for academic year 2016-2017:

Resident Semi-Annual Examination Report

ADVANCED SPECIALTY EDUCATION PROGRAM IN PERIODONTICS SEMI-ANNUAL EXAMINATION REPORT/STUDENT CHECKLIST

ID #

School of Dental Medicine Stony Brook University Subject	Year I		Year II		Year III	
	July-Dec 2016	Jan-June 2017	July-Dec 2017	Jan-June 2018	July-Dec 2018	Jan-June 2019
Axiom Clinical Activity Report Updated, Corrected and Signed	Nov	May	Nov	May	Nov	May
Implant Log Updated						
Implant Site Development Log Updated						
Sedation Log Updated						
Competency Tests						
Literature Review Paper	S-1	S-2	S-1	S-2		
Literature Review List of References	S-1	S-2	S-1	S-2	S-1	S-2
In-Service Exam Report	Dec	Apr	Dec	Apr	Dec	Apr
Faculty Evaluation Forms						
Program Evaluation Form						
Academic Record Sheet						
Semi-Annual Evaluation Report						
20 Case Reports Portfolio						
Oral Comprehensive Exam/ Simulated ABP Exam						
Chart Audit Complete						

Exam Checklist Updated 12/01/18

Resident Semi-Annual Examination Report

Competency Tests

ADVANCED SPECIALTY EDUCATION PROGRAM IN PERIODONTICS SEMI-ANNUAL EXAMINATION REPORT/STUDENT CHECKLIST

ID #

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			S-1	S-2		
			S-1	S-2	S-1	S-2
In-Service Exam Report	Dec	Apr	Dec	Apr	Dec	Apr
Faculty Evaluation Forms						
Program Evaluation Form						
Academic Record Sheet						
Semi-Annual Evaluation Report						
20 Case Reports Portfolio						
Oral Comprehensive Exam/ Simulated ABP Exam						
Chart Audit Complete						

Exam Checklist Updated 12/01/18

MEMORANDUM

Summative Assessment (Year 3)

To: *(Third Year Resident)*

From: Dr. Vincent J. Iacono, Chair

Subject: Final "Mock" ABP and Oral Comprehensive Examination

Date: July, 2016

Please be advised that your final "mock" ABP and oral comprehensive examinations, clinical/didactic evaluation, grading, and course/faculty review have been scheduled for Tuesday, June 7, and Monday, June 27, 2016.

It is imperative that you bring:

1. Reviewed and corrected final axiUm clinical report that includes number of implants and implant site development log.
2. CD of presented surgical seminars.
3. Updated Sedation Log (20 completed cases)
4. Copies of any manuscripts/oral presentations completed.
5. A CD of your clinical portfolio including case reports (to total 20 by completion of the program) that have been reviewed by your two mentors.
6. Completed Program Evaluation form.

Comments

Comments

- Psychometricians state that we cannot absolutely certify competence.

Comments

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Why?

- Clinical numerical scoring is based on subjective criteria.

Comments

- Psychometricians state that we cannot absolutely certify competence.

Why?

- Clinical numerical scoring is based on subjective criteria.
- The validity and reliability of the scoring are based on the successful calibration of the attending faculty and their compliance.

Conclusion

- The multifaceted comprehensive process of formative and summative assessment of clinical competence for our postdoctoral students leading to satisfactory completion of the program lessens the likelihood of an incompetent periodontist treating a patient.

11/

THANK YOU

Grazie

Gracias

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ありがとうございました

THANK YOU



THANK YOU

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Danke

Grazie

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Спасибо

cảm ơn bạn

ありがとうございます



Register for the

2017 Annual Meeting in Boston!

Registration opens **Sunday, Sept. 11**
in Registration Hall A in the SDCC

- Take advantage of the early-bird Boston rate
- Receive priority access to hotels near the Boston Convention and Exhibition Center



BOSTON

AMERICAN ACADEMY OF PERIODONTOLOGY
103RD ANNUAL MEETING

September 9-12, 2017





EV10: Postdoctoral Educators Workshop

Course Completion Code: FR40

Thank you for your participation.

