

## PERIODONTAL DIAGNOSIS & TREATMENT PLANNING EXAMINATION

The **Year 3 - Periodontal Diagnosis and Treatment Planning Examination** may be attempted in the Spring of the Sophomore year and should be completed no later than the end of the Fall semester of the Junior Year. Prior to challenging this examination, students must have completed the periodontal diagnosis and treatment planning exercises in PER 5001 and passed the Year 1 – Periodontal Diagnosis and Treatment Planning examination. Patients for this examination should present with a diagnosis of mild to moderate periodontitis. There should be at least 2 quadrants in the mouth with pocket depths in the 4-5 mm range with accompanying bone and attachment loss in the range of 1–2 mm. Patients with multiple pocket depths deeper than 5 mm or with furcation involvement greater than Grade 1 are not appropriate. Any patient chosen for use as Periodontal Diagnosis & Treatment Planning examination must be approved by a full-time Periodontics Department faculty before the data base examination is initiated. The Diagnosis and Treatment Planning examination must be completed and evaluated by Periodontics faculty before treatment is started.

The Periodontal Diagnosis and Treatment Planning examination is designed to be a test of your ability to use your clinical diagnostic skills to evaluate your patient's periodontal status, arrive at a proper periodontal diagnosis and formulate an appropriate and properly sequenced periodontal treatment plan. This is an independent performance examination, conducted in the Periodontics Clinic under supervision of faculty, but without faculty assistance.

Successful completion of this examination will be demonstrated by the student's ability to

1. Perform a comprehensive periodontal examination which includes an evaluation of periodontal probing depths, probing attachment levels, bleeding on probing, furcation involvement, mobility, gingival inflammation, dental plaque and calculus deposits, width of attached gingiva, and radiographic changes in alveolar bone.
2. Identify all local and systemic etiologic factors
3. Determine a periodontal diagnosis and prognosis for each tooth
4. Establish an overall periodontal diagnosis which is consistent with the 1999 AAP Classification of Periodontal Diseases
5. Formulate a periodontal problem list which can be used to evaluate the outcome of periodontal therapy for your patient
6. Formulate a periodontal treatment plan which addresses each of your patient's periodontal problems.

**The Periodontal Problem List** should be formulated following completion of the clinical examination and before formulation of the treatment plan. Items for inclusion on the problem list fall into four categories:

- **Clinical findings or conditions which periodontal therapy should correct or improve** (such as deep pockets, poor oral hygiene, mobility, inflammation)
- **Secondary etiologic factors** (such as overhanging amalgams, calculus deposits, furcation involvement, carious lesions at the gingival margin)
- **Risk factors which predispose the patient to periodontitis** (such as smoking, diabetes)
- **Systemic conditions which require special patient management procedures** (such as heart conditions requiring AHA SBE antibiotic prophylaxis)

The **Year 3 - Periodontal Diagnosis and Treatment Planning examination** is evaluated in two parts: First, the clinical examination is evaluated by faculty when the student has completed data collection. Then the periodontal diagnosis and treatment plan are evaluated after the student has completed the case work-up.

# PERIODONTAL DIAGNOSIS & TREATMENT PLANNING EXAMINATION

Patient: \_\_\_\_\_ Student: \_\_\_\_\_ Date: \_\_\_\_\_

## CLINICAL EXAMINATION:

### Oral Disease Control:

#### Gingival Inflammation

Date: \_\_\_\_\_ % \_\_\_\_\_ Inflammation

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
F																	F
P																	P
L																	L
F																	F
	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	

#### Dental Plaque

Date: \_\_\_\_\_ % \_\_\_\_\_ plaque

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
F																	F
P																	P
L																	L
F																	F
	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	

### Calculus:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
F																	F
P																	P
L																	L
F																	F
	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	

Number of +surfaces: \_\_\_\_\_

### Periodontal Findings: (Circle appropriate tooth numbers)

Less than 2mm Attached Gingiva

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<sup>R</sup> 32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

Gingival Recession

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<sup>R</sup> 32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

Dental Hypersensitivity

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<sup>R</sup> 32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17

Other Clinical Findings: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# PERIODONTAL DIAGNOSIS & TREATMENT PLANNING EXAMINATION

Patient: \_\_\_\_\_ Student: \_\_\_\_\_ Date: \_\_\_\_\_

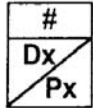
## Radiographic Examination. (Circle appropriate tooth numbers.)

- Periapical Pathology 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L
- Root Resorption 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L
- Widened PDL 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L
- Overhangs, Carious Lesions 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L
- Vertical Bone Loss 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L
- Greater Than 50% Horizontal Bone Loss 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L
- Furcation Radiolucencies 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
R 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 L

Other Radiographic Findings: \_\_\_\_\_  
\_\_\_\_\_

**OVERALL PERIODONTAL DIAGNOSIS:**

### INDIVIDUAL TOOTH DIAGNOSIS & PROGNOSIS:



DIAGNOSIS (Dx) = Health (H), Gingivitis (G), Light Periodontitis (LP), Moderate Periodontitis (MP), Severe Periodontitis (SP)  
PROGNOSIS (Px) = Good (G), Fair (F), Poor (P), Hopeless (H)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
/															
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
/															

**OVERALL CASE PROGNOSIS:**      **G      F      P      H**

\_\_\_\_\_

**AAP Case Type:**      **I      II      III      IV**

\_\_\_\_\_

# PERIODONTAL DIAGNOSIS & TREATMENT PLANNING EXAMINATION

Patient: \_\_\_\_\_ Student: \_\_\_\_\_ Date: \_\_\_\_\_

Perio Diagnosis: \_\_\_\_\_ Initial Problem List: \_\_\_\_\_  
Faculty approval

## PROBLEM LIST

#	Specific Problem	Proposed Method of Treatment
1	Poor Oral Hygiene PI=        %	
2	Gingival Inflammation GI=        %	
3	Moderate Pocket Depths #pockets 4-6 mm = ____	
4	Deep Pocket Depths #pockets $\geq$ 7 mm = ____	
5	Bleeding On Probing # sites =	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

▶ Each Problem identified should be addressed on the following Treatment Plan. ◀

# PERIODONTAL DIAGNOSIS & TREATMENT PLANNING EXAMINATION

Patient: \_\_\_\_\_ Student: \_\_\_\_\_ Date: \_\_\_\_\_

## PERIODONTAL TREATMENT PLAN

### PERIODONTAL DIAGNOSIS:

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### AAP Case Type:

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CAUSE RELATED PHASE:	Proposed Treatment	Problems Addressed
Oral Hygiene Instructions:	Rx: _____	_____
Root Planing:	Rx: _____	_____
Extractions:	Rx: _____	_____
Endodontics:	Rx: _____	_____
Restorative:	Rx: _____	_____
Other:	Rx: _____	_____

**RE-EVALUATION:** Anticipated Completion Date: \_\_\_\_\_

**SURGICAL PHASE:** Surgical Objectives: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

	Proposed Treatment	Problems Addressed
Area: _____	Procedure: _____	_____
Area: _____	Procedure: _____	_____
Area: _____	Procedure: _____	_____
Area: _____	Procedure: _____	_____

### PERIODONTAL MAINTENANCE TREATMENT:

	Proposed Treatment	Treatment Interval
Rx: _____	_____	_____
Rx: _____	_____	_____

## PERIODONTAL DIAGNOSIS & TREATMENT PLANNING EXAMINATION

Patient: \_\_\_\_\_ Student: \_\_\_\_\_ Faculty: \_\_\_\_\_ Date: \_\_\_\_\_

PERIODONTAL EXAMINATION:	3 points	√	1 point	√	0 points	√
Gingival Inflammation    UL UR LR LL	0-3 surfaces		4-6 surfaces		7+ surfaces	
Dental Plaque            UL UR LR LL	0-3 surfaces		4-6 surfaces		7+ surfaces	
Calculus	0-1 surfaces		2-4 surfaces		5+ surfaces	
M-BP measurements    UL UR LR LL	0-2 errors		3-4 errors		5+ errors	
M-CEJ measurements    UL UR LR LL	0-2 errors		3-4 errors		5+ errors	
PAL measurements      UL UR LR LL	0-2 errors		3-4 errors		5+ errors	
Furcation involvement	0 errors		1-2 errors		3+ errors	
Tooth Mobility	0-1 errors		2-3 errors		4+ errors	
	Bleeding on Probing		Yes		No	
	Chart identification/date		Yes		No	
	Chart complete & legible		Yes		No	
Periodontal Findings	3 points	√	1 point	√	0 points	√
<2mm Attached Gingiva	0-2 errors		3-4 errors		5+ errors	
Gingival Recession	0-2 errors		3-4 errors		5+ errors	
Dental Hypersensitivity	0-3 errors		4-6 errors		7+ errors	
Radiographic Examination:	3 points	√	1 point	√	0 points	√
Periapical Pathology	0-1 errors		2-3 errors		4+ errors	
Root Resorption	0-1 errors		2-3 errors		4+ errors	
Widened PDL	0-1 errors		2-3 errors		4+ errors	
Overhangs, Caries	0-1 errors		2-3 errors		4+ errors	
Vertical Bone Loss	0-1 errors		2-3 errors		4+ errors	
>50% Bone Loss	0-1 errors		2-3 errors		4+ errors	
Furcal Radiolucencies	0-1 errors		2-3 errors		4+ errors	
DIAGNOSIS & PROGNOSIS:	3 points	√	2 points	√	0 points	√
Overall Periodontal Diagnosis			Yes		No	
• Including Extent & Severity			Yes		No	
Individual Tooth Diagnosis	0-3 errors		4-6 errors		7+ errors	
Individual Tooth Prognosis	0-3 errors		4-6 errors		7+ errors	
Periodontal Problem List	3 points	√	2 points	√	0 points	√
Statement of problems	All problems identified. Problems stated with enough detail.		Missed 1 problem. Problems not stated with enough detail.		Missed ≥2 problems. Problems not stated with enough detail.	
Method of treatment	Proper treatment method identified for each problem		Treatment methods not specific for 1-2 problems		Treatment methods missing and not specific for >2 problems.	
PERIODONTAL TREATMENT PLAN	3 points	√	2 points	√	0 points	√
Oral Hygiene Instructions:	OHI include proper devices & technics		OHI do not include proper devices/ technics		No OHI included	
Root Planing:	Root planing properly included on treatment plan. Proper number of units included		Root planing properly included on treatment plan. Number of units incorrect.		Root planing improperly placed or omitted from treatment plan.	
Extractions/ Restorative:	Extractions/Restorations on plan and properly sequenced.		Extractions/Restorations on plan but not properly sequenced.		Extractions/Restorations omitted from treatment plan.	
Re-Evaluation:	Re-Evaluation at correct time interval.		Re-Evaluation not at correct time interval.		Re-Evaluation omitted from treatment plan.	
Surgical Phase:	3 points	√	2 points	√	0 points	√
Surgical Objectives	Surgical objectives stated & appropriate		Surgical objectives are inappropriate		No surgical objectives stated.	
Area:	Areas requiring surgery properly identified		Missed 1 area requiring surgery.		Missed ≥2 areas requiring surgery.	
Procedure	Procedure stated for all areas is appropriate and consistent with objective		Procedure stated for 1 area is not appropriate for surgical objective		Procedures not listed or inappropriate for ≥2 areas.	
Periodontal Maintenance Treatment	3 points	√	2 points	√	0 points	√
Rx treatment	Prescribed SPT treatment is appropriate		SPT plan omitted one minor procedure		SPT plan ignored completely.	
Treatment Interval	Treatment interval appropriate for case		Treatment interval not appropriate for case		SPT treatment interval ignored completely.	
Competency Grade Calculation:	3 points X ____ =	+	2 points X ____ =	+	1 point X ____ =	=