

Case Study Presentation

Pt: Geriatric (74 yr old), Male

Theory IV

Presented by: Kachell Breazile & Alexis Peterson

Medical History Questions

- ❖ Document patient's demographics: name, age, gender, height, weight, vitals (BP, pulse rate and respiration rate), and other relevant physical characteristics
 - 74 yrs old, 131/79,
- ❖ Are you currently seeing a physician? If so, for what? If not, how long has it been?
 - Seeing Dr. Buffinton at essential for high BP and Spina Bifida
- ❖ Current medications:
 - Losartan for High BP. Pt was taking ibuprofen to relieve back pain, but stop using because he was worried about the longer term side effects, he now takes turmeric everyday and stays active and say this seems to help with his back pain
- ❖ Does the patient wear eyeglasses or a hearing aid? How long?
 - Wears glasses, all adult life
- ❖ Is there an expression of anxiety or fear indicating apprehension regarding treatment?
 - Mild anxiety about going to the dentist in the past

Dental History Questions:

- ❖ Chief complaint – Why is the patient at the dental office (in their own words). Do they have any current or emergency problems or concerns? Any past history experiences?
 - “Has put off oral hygiene for far too long, and is ready to take control of it again
- ❖ Do you currently have a dentist? If so, when was your last visit and what was done? If no, when was the last visit dental visit?
 - Dr. Olson in Superior
- ❖ Document any of the following if they apply: Clefts, orthodontics, extractions, periodontal history
 - Extractions: #16
- ❖ Do you have dental insurance?
 - No

Social History Questions:

- ❖ What do you do during a typical day?
 - Retired teacher, working as a hypnosis and tai chi instructor now. Stays very active throughout the day, enjoying many forms of exercise such as dancing, tai chi, walking the dog and typically ends the day with 1-2 alcohol drinks and cannabis
- ❖ Any habits such as tobacco products, alcohol, dietary habits, involvement of sports or exercise?
 - Smokes weed nightly, 1-2 drinks a night, walks dog once a day, practices tai chi daily.
- ❖ How long have you lived in the community?
 - Has lived in Duluth/Superior entire whole life

Current Oral Hygiene Status:

- ❖ How often does the patient brush? What type of brush does the patient use? Does the patient floss? If so, how often and what type of floss? If not, why?
 - Pt. brushes twice daily with an electric toothbrush and sensodyne toothpaste. Pt. also purchased and started using a water-pik after our recommendation.
- ❖ Assess gingival tissues; plaque; calculus; stain, etc.
 - Patient was 4 DAC III's, heavy subgingival calculus throughout and light supragingival calculus on lingual surfaces of the mandibular anterior teeth. Pt. had generalized plaque with a high NPI score 30-40 each appointment, along with bleeding upon probing in areas with deep pockets. Slight generalized brown stain throughout."

Supplemental Oral Examination Findings:

- ❖ Does the patient have anklyoglossia? Tongue thrusting? Mouth breathing? Oral lesions? Sensitivity? Bruxism?

Clenching? Facial or Oral piercings?

- Pt. used to clench and grind, but this has lessened now that stress levels are lower
- Crepitus was noted on both left & right TMJ with slight intermittent pain. Extreme exostosis on max. & mand.

FMX



Perio Chart

Perio Comparison Perio Graph Comparison Graph

MOB

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PD	4 3 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 1 2	2 2 4	3 2 4	3 2 3	3 2 3	3 2 3	3 2 4		
GM	4 3 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 1 2	2 2 4	3 2 4	3 2 3	3 2 3	3 2 3	3 2 4		
CAL	4 3 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 1 2	2 2 4	3 2 4	3 2 3	3 2 3	3 2 3	3 2 4		
MGJ																
FG																
PD	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	2 2 2	2 2 2	2 2 2	3 2 2	2 2 2	4 2 3	2 2 2	3 2 4	3 5 2		
GM	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	2 2 2	2 2 2	2 2 2	3 2 2	2 2 2	4 2 3	2 2 2	3 2 4	3 5 2		
CAL	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	2 2 2	2 2 2	2 2 2	3 2 2	2 2 2	4 2 3	2 2 2	3 2 4	3 5 2		
MGJ																

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

Bleeding All None PD GM EG MOB MGJ Lock + - Process:

4 5 6 Suppuration All None 0 1 2 3 4 5 6 7 8 9 10 LSC Perio Charting

MOB

1

	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
PD	5 5 7	7 3 5	4 2 3	3 2 3	2 2 2	2 2 2	2 1 2	2 1 2	2 1 2	2 1 2	2 1 2	2 2 2	3 2 4	3 2 4	3 3 7	7 5 7
GM	5 5 7	7 3 5	4 2 3	3 2 3	2 2 2	2 2 2	2 1 2	2 1 2	2 1 2	2 1 2	2 1 2	2 2 2	3 2 4	3 2 4	3 3 7	7 5 7
CAL	5 5 7	7 3 5	4 2 3	3 2 3	2 2 2	2 2 2	2 1 2	2 1 2	2 1 2	2 1 2	2 1 2	2 2 2	3 2 4	3 2 4	3 3 7	7 5 7
MGJ																
FG																
PD	6 2 3	3 2 3	3 2 4	3 2 3	3 2 3	3 2 3	2 1 2	3 2 3	2 1 2	2 1 2	2 2 3	2 2 3	3 2 3	4 3 4	3 3 4	6 7 9
GM	6 2 3	3 2 3	3 2 4	3 2 3	3 2 3	3 2 3	2 1 2	3 2 3	2 1 2	2 1 2	2 2 3	2 2 3	3 2 3	4 3 4	3 3 4	6 7 9
CAL	6 2 3	3 2 3	3 2 4	3 2 3	3 2 3	3 2 3	2 1 2	3 2 3	2 1 2	2 1 2	2 2 3	2 2 3	3 2 3	4 3 4	3 3 4	6 7 9
MGJ																

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

FM Bitewing Panor

Perio	Comparison	Perio Graph	Comparison Graph	Pocket Depth														
Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
B 2/10/2022		4 3 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 1 2	2 2 4	3 2 4	3 2 3	3 2 3	3 2 3	3 2 4			
1/14/2022		4 3 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 1 2	2 2 4	3 2 4	3 2 3	3 2 3	3 2 3	3 2 4			
12/10/2021		4 3 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 1 2	2 2 4	3 2 4	3 2 3	3 2 3	3 2 3	3 2 4			
B 2/10/2022		4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	2 2 2	2 2 2	2 2 2	3 2 2	2 2 2	4 2 3	2 2 2	3 2 4	3 5 2			
1/14/2022		4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	2 2 2	2 2 2	2 2 2	3 2 2	2 2 2	4 2 3	2 2 2	3 2 4	3 5 2			
12/10/2021		4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	2 2 2	2 2 2	2 2 2	3 2 2	2 2 2	4 2 3	2 2 2	3 2 4	3 5 2			
		32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
L 2/10/2022		5 5 7	7 3 5	4 2 3	3 2 3	2 2 2	2 2 2	2 1 2	2 1 2	2 1 2	2 1 2	2 1 2	2 2 2	3 2 4	3 2 4	3 3 7	7 5 7	
1/14/2022		5 5 7	7 3 5	4 2 3	3 2 3	2 2 2	2 2 2	2 1 2	2 1 2	2 1 2	2 1 2	2 1 2	2 2 2	3 2 4	3 2 4	3 3 7	7 5 7	
12/10/2021		5 5 7	7 3 5	4 2 3	3 2 3	2 2 2	2 2 2	2 1 2	2 1 2	2 1 2	2 1 2	2 1 2	2 2 2	3 2 4	5 2 5	5 4 8	7 5 7	
B 2/10/2022		6 2 3	3 2 3	3 2 4	3 2 3	3 2 3	3 2 3	2 1 2	3 2 3	2 1 2	2 1 2	2 2 3	2 2 3	3 2 3	4 3 4	3 3 4	6 7 9	
1/14/2022		6 2 3	3 2 3	3 2 4	3 2 3	3 2 3	3 2 3	2 1 2	3 2 3	2 1 2	2 1 2	2 2 3	2 2 3	3 2 3	4 3 4	3 3 5	6 7 9	
12/10/2021		6 2 3	3 2 3	3 2 4	3 2 3	3 2 3	3 2 3	2 1 2	3 2 3	2 1 2	2 1 2	2 2 3	2 2 3	3 2 3	4 3 4	3 3 5	6 7 9	
		Summary - #Teeth/#Sites																
		PD																
		Bleed	Sup	Furc	Mob	1-3	4-5	6+	<0	CAL			4-5	6+				
2/10/2022		5/13	0/0	9/15	1/0	29/150	14/21	4/9	0/0	30/152	13/21	4/7						
1/14/2022		5/13	0/0	9/15	1/0	29/150	14/21	4/9	0/0	30/152	13/21	4/7						
12/10/2021		5/13	0/0	9/15	1/0	29/147	14/24	4/9	0/0	30/149	13/24	4/7						

Print

Show

- 1) What is the dental material used in #13 and #29?
 - a) Silver point
 - b) Amalgam
 - c) Gutta Percha
 - d) Composite
- 2) What teeth have amalgam restorations?
 - a) 2,3,4,5,7,12,14,15,18,30,31
 - b) 1,3,5,14,15,19,22,29,31
 - c) 3,4,5,12,14,15,18,20,21
 - d) 7,13,14,15,27,28,29,30
- 3) What drug class is Losartan?
 - a) Calcium Channel Blocker (CCB)
 - b) Anticonvulsant
 - c) Angiotensin II receptor blocker (ARB)
 - d) Diuretic
- 4) What drug schedule would Losartan be in?
 - a) I
 - b) II
 - c) III
 - d) It is not a substance that is controlled by the DEA
- 5) What teeth are missing or partially erupted?
 - a) 1 and 17
 - b) 1 and 16
 - c) 17 and 32
 - d) 16 and 32
- 6) What type of premedication would this patient need?
 - a) Amoxicillin 2g 1 hour before appointment
 - b) No premed is needed
 - c) Clindamycin 600mg 1 hour before appointment
 - d) Cephalexin 2000mg 1 hour before appointment
- 7) What stage and grade would this patient be?
 - a) Stage 3 Grade A
 - b) Stage 2 Grade B
 - c) Stage 1 Grade B
 - d) Stage 4 Grade B
- 8) What is the error on the right molar bitewing radiograph?
 - a) Horizontal angulation
 - b) Vertical angulation
 - c) Sensor placement
 - d) Patient movement
- 9) What is the radiolucency above the maxillary molars?
 - a) Maxillary sinus
 - b) Incisive foramen
 - c) Nasal Septum
 - d) Hard palate
- 10) A cavatron was used on this patient, what sides are active?
 - a) All sides are active
 - b) Left side is active
 - c) Right side is active