

Kentucky Dental Association
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Choosing an Accurate Starting Point for Restorative Dentistry

Thomas R. McDonald, D.M.D.
1010 Prince Avenue
Athens, Georgia 30606
706-543-8208
tmcdent@aol.com
www.DrThomasMcDonald.com

COMPREHENSIVE PATIENT EVALUATION

PATIENT INTERVIEW

1. What can we do for you today? _____
2. Are you having any discomfort now? _____
3. Is there anything about the appearance of your teeth that you would like to change?

4. What types of dental procedures have you had done in the past 5 years? _____

RADIOGRAPHIC EXAMINATION

1. General appearance on radiograph: _____
2. Missing teeth _____
3. Prevalence of fillings: FEW MODERATE MANY
4. Any overhanging margins? _____
5. Any periapical infections? _____
6. Any cavities obvious on x-ray? _____
7. Any bone loss? _____
8. Any widened periodontal ligament? _____
9. Any unerupted teeth? _____

CLINICAL EXAMINATION

1. Jaw relationship? _____
2. History of joint noise? _____
3. History of joint pain? _____
4. Headaches or neck pain? _____
5. Appearance of soft tissue/ oral cancer exam _____
6. Any premature interference or mobile teeth? _____
7. Any gum pocket formation? _____

CLINICAL EXAMINATION

8. Adequate attached gingiva? _____
9. Any malpositioned teeth? _____
10. Any sign of tooth wear? _____
11. Any teeth likely to fracture? _____
12. Any generalized recession? _____
13. Any erosion? _____
14. Any unmanageable bacterial traps? _____
15. Tooth by tooth analysis: _____

HISTORY

TREATMENT PLAN

FACIAL PAIN-T.M.J.-OCCLUSAL EXAMINATION

Patient _____

Date _____

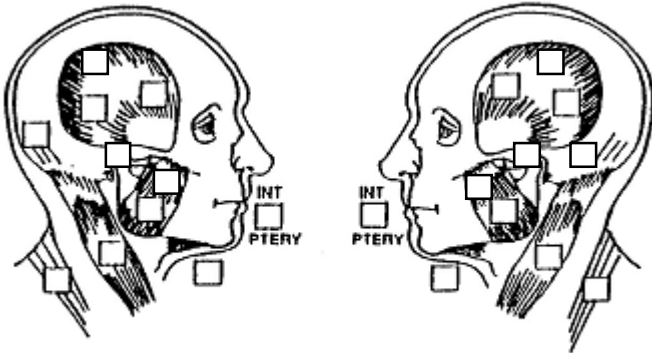
Chief Concern _____

CLINICAL EXAMINATION

MUSCLE PALPATION

Note degree of tenderness

0=NONE 1=MILD 2=MODERATE 3=VERY



RIGHT

LEFT

COMMENTS _____

LOAD TEST OF JOINTS

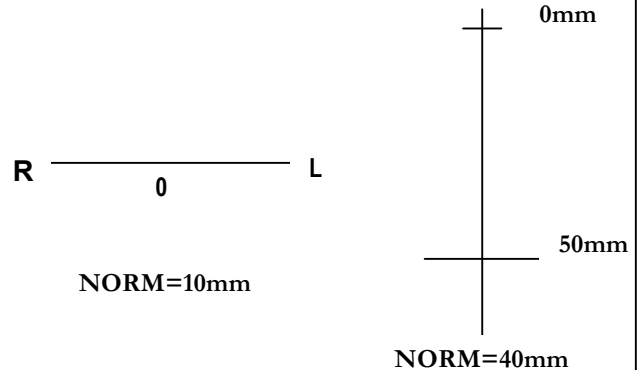
SIGNS OF TENSION/TENDERNESS

MANIPULATION TO CR _____

LOAD TEST ROTATION _____

LOAD TEST TRANSLATION _____

RANGE OF MOTION



DOPPLER EXAMINATION

0 1 2 3	MEDIAL POLE CREPITIS	0 1 2 3
0 1 2 3	LATERAL POLE CREPITIS	0 1 2 3
_____mm	OPENING CLICK	_____mm
_____mm	CLOSING CLICK	_____mm
Y N	LIGAMENT HYPEREMIA	Y N
Y N	ADHESIONS	Y N

0=NONE 1=MILD 2=MODERATE 3=COARSE

COMMENTS _____

OCCLUSAL EXAMINATION

☐ DIAGNOSTIC CASTS ☐ MOUNTED IN CR ☐ FACEBOW

☐ EXCESSIVE WEAR _____

☐ TOOTH HYPERMOBILITY _____

☐ FRACTURED TEETH _____

☐ SENSITIVE TEETH _____

PANORAMIC FILM

☐ PATHOSIS _____

☐ DEVIATED SEPTUM _____

☐ SINUS IRREGULARITY _____

MOUNTED CASTS

ANTERIOR CONTACT IN CENTRIC RELATION ☒ Y ☐ N[illegible]

1		7	
2		8	
3		9	
4		10	
5		11	
6		12	

TMJ-RESTORATIVE PROTOCOL

Splint Therapy Considerations

Muscle Symptoms	Joint Symptoms	Load Test	Splint Therapy
Yes	Yes	Positive	Yes
Yes	Yes	Negative	Yes
Yes	No	Positive	Yes
Yes	No	Negative	Maybe
No	No	Positive	Maybe
No	No	Negative	No

Restorative Protocol

Muscle Symptoms	Joint Symptoms	Load Test	Restorative
Yes	Yes	Positive	No
Yes	Yes	Negative	Yes
Yes	No	Positive	No
Yes	No	Negative	Yes
No	No	Positive	No
No	No	Negative	Yes

Restorative Position

Posterior Stop After Prep	Anterior guidance in IP	TMJ Symptoms	Restore in IP
Yes	Yes	No	Yes
Yes	Yes	Yes	Maybe
Yes	No	No	Maybe
Yes	No	Yes	No
No	No	No	No
No	No	Yes	No

Staging Rules

1. Comprehensive examination, records, diagnostic work-up, and comprehensive treatment plan
2. Establish a repeatable joint position
3. Restore, reshape and/or realign the anterior segment within the envelope of function (parafunction) and esthetic requirements
4. Create an ideal lower occlusal plane
5. Restore upper posteriors to established lower occlusal plane

Phonetic Evaluation

Sound	View	Clinical Relevance
“E”	Frontal	Observe an imaginary line from commissure to commissure. If incisors fall below this line, they generally cannot be lengthened. If shorter, can generally be lengthened.
“F”	Profile	Observe interaction between incisal edges and lower lip. Evaluate length and position.
“S”	Profile	Observe interaction between upper and lower incisal edges. Evaluate length and position.
“Th”	Profile	Observe clarity and crispness of sound. Evaluates lingual contour.

Laboratory Esthetic Evaluation and Diagnostic Wax-up

Armamentarium: Dividers, red and blue pencil, Bunsen burner, presentation wax,

PKT waxing instruments #1 and #2, Hollenback and cleoid-discoïd carvers,

Bard Parker lab knife, Boley gauge, Denar ruler, and Panadent platform with golden proportion guides

1. Remove the upper member of the articulator
2. Evaluate and establish perfect contour for the lower incisors
3. Replace the upper member and establish perfect contour for the upper incisors
4. Establish ideal anterior guidance
5. Create ideal lower posterior occlusal plane
6. Add upper posterior teeth to establish stable holding contacts (one per tooth)

NOTE: When closing spaces;

1. Close entire space
2. Measure, establish, and scribe the proximal line.
3. Remove wax from gingival/facial embrasure and incisal/facial embrasure alternately until tooth size is pleasing.
4. To narrow teeth, move facial line angles away from the contact area.
5. Straighter line angles = longer looking teeth.

Instruments and Materials

Digital X-Ray	Dexis	Provision Dental Systems Dexis Digital X-ray 1000 Northfield Court Suite 150 Roswell, GA 30076 888-88DEXIS www.dexray.com
Facial Measurement	Trubyte Tooth Indicator	Dentsply-Trubyte York, PA 800-877-0020 www.trubyte.dentsply.com
Occlusal Measurement	Range of Motion Scale	Great Lakes Prosthodontics Tonawanda, N.Y. 800-828-7626 800-324-4434(NY) www.greatlakesortho.com
Impression Material	Jeltrate-Plus	Dentsply-Caulk Milford, DE 800-534-2855 www.caulk.dentsply.com
Alginate Mixer	Alginator II	Great Lakes Prosthodontics
Facebow	Kois Dento-facial Analyzer	Panadent Corporation Grand Terrace, California 909-783-1841 www.panadent.com
Facebow Registration	Bite-Tab	Panadent Corporation
Occlusal Registration	Delar Wax (D-Style)	Delar Corp.

Cast Stone	Silky-Rock White	Whip Mix Corporation Louisville, Ky. www.whipmix.com
Mounting Stone	Kerr Sno-White #2	Kerr Manufacturing Co. Orange, California 1-800-KERR-123 www.kerrlab.com
Articulator	Panadent PCH	Panadent Corporation
Diagnostic Wax	Presentation Wax	Great Lakes Prosthodontics
Waxing Instruments	PKT 1,2,4 Cd 3/6,#7 wax spatula, Bard- Parker lab knife	Hu-Friedy Mfg. Co., Inc. Chicago, IL 800-HU-FRIEDY www.hufriedy.com
Articulating Paper-Lab	Surgident Full Arch	Heraeus Kulzer South Bend, IN www.kulzer.com
Articulating Paper-Oral	Bausch 40μ	Bausch Articulating Papers Nashua, NH www.bauschdental.com
Retraction Cord	Raycord #9 and #10	Pascal Co.
C+B Impression	Impregum Penta	3M-ESPE
Matrix Material Single	Matrix Buttons	Advantage Dental Products
Matrix Material Multiple	Genie Putty	Sultan Chemists
Composite Matrix	Memosil	Heraeus Kulzer
Matrix-guided composite	Filtek Supreme Ultra	3M-ESPE
Provisional Resin	Protemp Plus	3M-ESPE
Burs	Thomas R. McDonald DMD Preparation Kit Provisional Kit	Brasseler USA Savannah, Ga. www.brasseler.com