

Name: \_\_\_\_\_

Age: \_\_\_\_\_

Gender:  M  F

**A. MORPHOLOGICAL VARIATIONS**

- 1. Angle  I  II-1  II-2  III
- 2. Apertognathic, Retrognathic, Prognathic, VME,  
Cephalic index: \_\_\_\_\_

**B. ANGLES and PLANES**

- 1. Anteroposterior SNA \_\_\_° SNB \_\_\_° FMA \_\_\_°
- 2. Mediolateral \_\_\_\_\_
- 3. Inferior-superior \_\_\_ VME \_\_\_
- 4. AP Occlusal Plane: Level \_\_\_ Canted \_\_\_
- 5. ML Occlusal Plane: Level \_\_\_ Canted \_\_\_
- 6. Eruption: Hyper \_\_\_ Hypo \_\_\_ Altered \_\_\_

**C. LIP LENGTH and ANTERIOR GUIDANCE**

- 1. Incisal Overlap: Horizontal \_\_\_ mm Vertical \_\_\_ mm
- 2. Incisal Guidance Angle \_\_\_°
- 3. Lip Length: \_\_\_ mm Short \_\_\_ Long \_\_\_
- 4. Tooth Display: at Rest \_\_\_mm at Smile \_\_\_ mm
- 5. Facial Asymmetries \_\_\_ Facial Midline \_\_\_ Dental Midline \_\_\_

**D. CONDYLAR GUIDANCE**

- 1. Horizontal Condylar Guidance: \_\_\_° R \_\_\_° L
- 2. Lateral Condylar Guidance (Bennett): \_\_\_° R \_\_\_° L
- 3. Progressive or Immediate Side shift: \_\_\_ R \_\_\_ L
- 4. Intercondylar Distance: \_\_\_ mm
- 5. Median Central Incisor Point: \_\_\_ mm

**E. DENTITION**

1. Missing (X) or Open Contact (II)

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

2. Restored

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

3. Decayed

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

4. Fractures

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

5. Wear Facets

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

6. Attrition

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

7. Abfraction

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

8. Erosion or Abrasion

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

9. Malpositioned

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

10. Mobility

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

11. Widened PDL or Exostoses

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

12. Periodontal Attachment Loss

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

13. Pain, Thermal, Percussion

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

14. Pulpitis, RCT or Root Resorption

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

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## F. CENTRIC OCCLUSAL INTERFACE CONTACTS

1. Centric Relation Repeatabile: \_\_\_ Pain \_\_\_ Loadable \_\_\_

2. Centric Occlusion

3. Maximal Intercuspatation

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

4. Deflective Occlusal Contacts

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

5. Mandibular Deflection: Right \_\_\_  
Left \_\_\_ Ant \_\_\_ Post \_\_\_

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

Distance \_\_\_ mm

## G. ECCENTRIC OCCLUSAL INTERFACE CONTACTS

1. Anterior Guidance – Protrusion

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

2. Canine Guidance – Laterotrusion

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

3. Group Function– Laterotrusion

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

4. Balancing Contacts – Mediotrusion

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

5. Reverse Articulation

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

## H. OCCLUSAL VERTICAL DIMENSION:

1. Physiologic Rest: \_\_\_ 0 mm 1 mm 2 mm 3 mm > 4 mm NA
2. Closest Speaking Space: \_\_\_ 0 mm 1 mm 2 mm 3 mm > 4 mm NA
3. OVD: Acceptable \_\_\_ Overclosed \_\_\_ Excessive \_\_\_
4. Observations: \_\_\_\_\_

## I. RANGE OF MOTION

1. Most Open: \_\_\_ mm
2. Right Laterotrusion: \_\_\_ mm
3. Left Laterotrusion: \_\_\_ mm
4. Protrusion: \_\_\_ mm
5. Deviation on Protrusion: \_\_\_ R / L
6. Discoordination or inability \_\_\_



## J. PARAFUNCTION

1. Bruxism: Clenching \_\_\_ PM Bruxism \_\_\_
2. Tongue: Thrust \_\_\_ Other \_\_\_\_\_
3. Acquired Anterior/Lateral Posturing: \_\_\_
4. Other \_\_\_

## K. TEMPOROMANDIBULAR JOINT

1. Within Normal Limits \_\_\_\_
2. Auscultation: R Crepitus \_\_\_\_ Clicking \_\_\_\_ Popping \_\_\_\_  
L Crepitus \_\_\_\_ Clicking \_\_\_\_ Popping \_\_\_\_
3. Palpation: R Crepitus \_\_\_\_ Clicking \_\_\_\_ Popping \_\_\_\_ Pain \_\_\_\_  
L Crepitus \_\_\_\_ Clicking \_\_\_\_ Popping \_\_\_\_ Pain \_\_\_\_
4. Anterior Displaced Disc with reduction: R \_\_\_\_ L \_\_\_\_
5. Anterior Displaced Disc without reduction: R \_\_\_\_ L \_\_\_\_
6. Extracapsular: Muscle splinting \_\_\_\_ Obstruction \_\_\_\_ Other \_\_\_\_
7. Radiographic Imaging: Pan \_\_\_\_ CBT \_\_\_\_ MRI \_\_\_\_
8. Radiographic Appearance:
9. Joint space \_\_\_\_\_
10. Condylar form \_\_\_\_\_
11. Eminence form \_\_\_\_\_
12. Translation \_\_\_\_\_

## L. MUSCLES

1. Within Normal Limits \_\_\_\_
2. Temporalis: R \_\_\_\_ L \_\_\_\_
3. Masseter: R \_\_\_\_ L \_\_\_\_
4. Medial Pterygoid: R \_\_\_\_ L \_\_\_\_
5. Lateral Pterygoid: R \_\_\_\_ L \_\_\_\_
6. Digastric: R \_\_\_\_ L \_\_\_\_
7. Sternocleidomastoid: R \_\_\_\_ L \_\_\_\_
8. Occipital: R \_\_\_\_ L \_\_\_\_
9. Trapezius: R \_\_\_\_ L \_\_\_\_
10. Dyskinesias: \_\_\_\_\_
11. Neurologic Influence: \_\_\_\_\_

## M. ORAL FACIAL PAIN

When did the pain start? \_\_\_\_\_

Pain Severity: (least) 1 2 3 4 5 6 7 8 9 10 (worst)

Pain Type: Sharp \_ Dull \_ Throb \_ Refer \_ Shoot \_ Deep \_ Burning \_

Frequency: Occasional \_\_ Intermittent \_\_ Daily \_\_ Weekly \_\_ Monthly \_\_

Duration: Minutes \_\_ Hour \_\_ Day \_\_ Constant \_\_

Temporal: Morning \_\_ Daytime \_\_ Night \_\_ Sleep \_\_

Associated Pain: Headache \_\_ Face \_\_ Neck \_\_ Other \_\_

Pain Location: Local \_\_ General \_\_ Unilateral \_\_ Bilateral \_\_

What increases pain? \_\_\_\_\_

What decreases pain? \_\_\_\_\_

Analgesics used? \_\_\_\_\_

Pain Impact: Work \_\_ Sleep loss \_\_ Social \_\_ Fatigue \_\_ Irritability \_\_

Frustration \_\_ Anxiety \_\_ Nervousness \_\_ Secondary Gain \_\_

Psychological Concerns: \_\_\_\_\_

Pain of Dental Origin: \_\_\_\_\_

Pain of Non-dental Origin: \_\_\_\_\_

Atypical Face Pain: \_\_ Trigger Points: \_\_ Trigeminal Neuralgia: \_\_

## DIFFERENTIAL DIAGNOSIS FOR OCCLUSAL DISORDERS

- Skeletal or dental malocclusion
- Occlusal trauma and associated sequelae
- Occlusal plane discrepancy
- Centric occlusion-Maximal intercuspation discrepancy
- Posterior deflective contacts in:
  - Laterotrusion
  - Mediotrusion
  - Protrusion
- Anterior posturing/muscle splinting
- Limited Range of Motion
- Inadequate maximal intercuspation-lack of posterior support
- Inadequate anterior guidance
- Inadequate Occlusal Vertical Dimension
- Advanced attrition – occlusal wear
- Erosion/Abrasion
- Parafunction
- Bruxism
- Occlusal awareness

## DIFFERENTIAL DIAGNOSIS OF TM DISORDERS

### Intracapsular disorders

- Congenital or developmental TMJ disorder
- TMJ Arthralgia
- TMJ disc derangement disorders
- Anterior displaced disc with reduction
- Anterior displaced disc without reduction
- Anterior displaced disc without reduction + restriction
- TMJ dislocation
- Inflammatory TMJ disorders (rheumatoid arthritis)
- Non-inflammatory TMJ disorders (osteoarthritis)
- Trauma

### Extracapsular disorders

- Masticatory muscle disorders
- Myofascial pain
- Local muscle pain (myalgia)
- Myositis
- Centrally mediated myalgia

- Myospasm
- Myofibrotic contracture
- Trauma
- Congenital or Developmental
- Secondary to:

## TREATMENT PLANNING

- Imaging studies
- Other tests: \_\_\_\_\_

### Consultations

- Orthodontic
- Oral & Maxillofacial Surgery
- Periodontal
- Endodontic
- Other (neurologist, psychologist, etc) \_\_\_\_\_
- Referral: \_\_\_\_\_

### TMD Management

- Patient Education
- Instruction
- Rest
- Moist heat, etc.
- Orthosis
- Physical Therapy
- Rx
- Analgesic
- Anti-inflammatory
- Muscle Relaxant
- Psychotropic
- Arthrocentesis or other
- Orthognathic-Orthodontic treatment

### Prosthetic Management

- Deprogramming
- Occlusal Equilibration
- Restore Incisal-Canine Guidance
- Restore Occlusal Vertical Dimension
- Restore Maximal Intercusation

### Prosthetic Treatment

- Removable Prosthodontics
- Fixed Prosthodontics
- Implant Prosthodontics

### Occlusal scheme

- Maximal intercuspation established at centric occlusion
- Maximal intercuspation (acquired)
- Mutually protected articulation
- Group function
- Balanced articulation