Patient Evaluation

- Evaluation as surgical candidate
- Oral evaluation
- Diagnostic tools
Medical Contraindications:

- Recent M.I.
- Immunosuppression
- Debilitating Hepatitis
- Pregnancy
- Uncontrolled Diabetes
- Substance Abuse

Relative contraindications include: bisphoshonate therapy, smoking, radiation treatment, and bone and connective tissue disorders.
Dental Evaluation:

- Dental History
- Periodontal Status
- Parafuction
- Ridge Relationships
- Bone Evaluation
- T.M.J. Status
- Esthetics
- Current Prosthesis
Dental Contraindications

- Inadequate bone for implant modality
- Destructive parafunction
- Poor hygiene and motivation
- Very abnormal ridge relations
- Inadequate interocclusal space

- Severe T.M.J. or occlusal disharmony
- Active, destructive periodontal disease
Diagnostic Tools:

- Periapical and panoramic films
- Study models
- Diagnostic wax set up
- Cone beam scan / scan prosthesis
- Surgical stent - model based vs. computer based (stereolithography)
Techniques to Improve Hard Tissues:

- Maxillary sinus grafting
- Ridge expansion and ridge split osteotomies
- Alveolar distraction
- Orthodontic extrusion
- Guided tissue regeneration / particulate graft
- Corticocancellous block graft
- Inferior alveolar nerve repositioning
Typical Implant Treatment Plan Sequence: TEAM approach

- **Restoring Doctor**
  - Initial Consultation
  - Study models
  - Referral to implantologist
  - Diagnostic wax set up / scan prosthesis
  - Prosthetic consultation

- **Implantologist**
  - Surgical assessment
  - Diagnostic imaging / scan prosthesis
  - Review wax up and prosthetic goals
  - Surgical plan
  - Informed consent
  - Surgical placement guide
  - Assist restoring doctor

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Dental-Medical Oral Implant Evaluation Form

PATIENT’S NAME:  

DENTAL EVALUATION

CHIEF COMPLAINT:

PROPOSED IMPLANT SITES:

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AVAILABLE BONE CLASSIFICATION

1. PARTICALLY EDENTULOUS ARCHES (KENNEDY-APPLEGATE)

- Class I: Bilateral Edentulous Posterior
- Class II: Unilateral Edentulous Posterior
- Class III: Unilateral Intra-tooth Space
- Class IV: Intra-tooth Space Crossing Midline

- Division A: Width > 4.5 mm, Height > 8 mm
- Division B: Width > 2.5 mm, Height > 8 mm
- Division C: Inadequate Width or Height
- Division D: Total Atrophy
2. TOTALLY EDENTULOUS ARCHES (MISCH-JUDY)

◊ Class I  Bone Levels Similar in Anterior and Posterior
◊ Class II  Posterior Bone Levels Different From Anterior
◊ Class III All Levels Different

◊ Division A  Width > 4.5 mm, Height > 8 mm
◊ Division B  Width > 2.5 mm, Height > 8 mm
◊ Division C  Inadequate Width or Height
◊ Division D  Total Atrophy

If different bone level classes exist, describe right posterior first, then anterior, then left posterior.
## IMPLANT SITE

### NOTES:

1. **IMPLANT SITE BONE CHARACTER**
   - Favorable: Normal Trabeculation
   - Marginal: Recent Extraction, etc.
   - Unfavorable: Untreated Pathology

2. **IMPLANT SITE BONE TRAJECTORY**
   - Favorable: Vertical
   - Adequate: Slightly Flared
   - Unfavorable: Grossly Flared

3. **IMPLANT SITE ATTACHED GINGIVA**
   - Favorable: >3 mm
   - Adequate: 1-2 mm
   - Unfavorable: None

4. **IMPLANT SITE MUSCLE ATTACHMENT**
   - None
   - Moderate
   - Severe
5. IMPLANT INTER-ARCH SPACE
   ◊ Favorable
   ◊ Adequate
   ◊ Unfavorable

6. IMPLANT SITE PERMUCOSAL POSITION
   ◊ Favorable
   ◊ Adequate
   ◊ Unfavorable

ASSOCIATED NATURAL TOOTH EVALUATION

1. TOOTH MOBILITY
   ◊ None or minimal
   ◊ Moderate
   ◊ Severe

2. TOOTH CROWN ROOT RATIO
   ◊ Favorable (1:2)
   ◊ Adequate (1:1)
   ◊ Unfavorable (>2:1)
3. NATURAL TOOTH ENDODONTIC CONTROL
   - Favorable
   - Potential Pathology
   - Pathology

4. NATURAL TOOTH ATTACHED GINGIVA
   - Favorable >3 mm
   - Adequate 1-2 mm
   - Unfavorable None

5. MUSCLE ATTACHMENTS NEAR NATURAL TEETH
   - None
   - Moderate
   - Severe

GENERAL DENTAL CLASSIFICATIONS

1. GENERAL PERIODONTAL STATUS
   - Normal
   - Moderate or Controlled Periodontitis
   - Advanced or Untreated Periodontitis
2. **GENERAL HOME CARE / ORAL HYGIENE**

- Favorable
- Adequate
- Unfavorable

3. **DENTAL I.Q.**

- Normal or High
- Can Be Educated
- Hopeless

4. **DENTAL MUSCLE DYNAMICS**

- Weak or Normal
- Somewhat Heavy
- Pathologically Strong

5. **TONGUE SIZE**

- Normal
- Above Average
- Excessive
6. GENERAL TMJ STATUS
   - Symptom Free
   - Incipient (Deviation, Clicking, etc.)
   - Significant Dysfunction

7. OCCLUSAL PLANE
   - Favorable
   - Adequate
   - Unfavorable

8. INTER-ARCH RELATIONS
   - Favorable
   - Adequate
   - Unfavorable

9. LIP LINE
   - Low
   - Normal or not applicable
   - High
10. **OPPOSING OCCLUSION**

- Denture
- Partial or Overdenture
- Natural or Fixed Prosthetics

**PATIENT HABITS**

1. **PARAFUNCTIONAL TONGUE THRUST**

- Insignificant
- Intermittent
- Chronic

2. **PARAFUNCTIONAL BRUXISM**

- Insignificant
- Intermittent
- Chronic

3. **SMOKING OR TOBACCO USE**

- None
- Agrees to Pre and Post-op Protocol
- Does Not agree to Pre and Post-op Protocol
4. ALCOHOL CONSUMPTION

◊ None
◊ Agrees to Pre and Post-op Protocol
◊ Does Not agree to Pre and Post-op Protocol

SUBJECTIVE CONSIDERATIONS

1. ORAL COMFORT POTENTIAL

◊ Excellent
◊ Normal
◊ Guarded

2. ORAL FUNCTION POTENTIAL

◊ Excellent
◊ Normal
◊ Guarded

3. ORAL ESTHETIC POTENTIAL

◊ Excellent
◊ Normal
◊ Guarded
4. PSYCHOLOGICAL STATUS

- Positive or Normal
- Minor Negative Considerations
- Unreasonable Expectations

MEDICAL EVALUATION

- Positive
  - Normal
  - Negative

SYSTEMIC HEALTH CATAGORY

<table>
<thead>
<tr>
<th>Favorable</th>
<th>ASA Class 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adequate</td>
<td>ASA Class 2</td>
</tr>
<tr>
<td>Guarded</td>
<td>ASA Class 3</td>
</tr>
<tr>
<td>Contraindicated</td>
<td>ASA Class 4</td>
</tr>
</tbody>
</table>
A.S.A. (American Society of Anesthesiologists) Classifications:

- ASA 1 - Normal healthy patient
- ASA 2 - Mild systemic disease
- ASA 3 - Severe systemic disease limiting activity, but not incapacitating
- ASA 4 - Incapacitating systemic disease that is a constant threat to life
- ASA 5 - Not expected to survive 24 hours
MEDICAL STATUS SUMMARY

◊ No Additional Work-up Needed
◊ Needs Referral for Labs
◊ Needs Physician Consultation

SUMMARY

PATIENT FACTORS:

CASE PLANNING AND DIAGNOSTIC NEEDS:

SURGICAL PLAN:

RESTORATIVE PLAN:

OTHER TREATMENT OPTIONS WITH AND WITHOUT IMPLANTS:

EXPECTED SEQUELAE OF SELECTED PROCEDURES: