

# Electronic Cast-Radiograph Evaluation (Updated 10-24-2021)



## ■ ALIGNMENT / ROTATIONS

### **Maxillary posterior teeth-**

Central groove: mesial/distal contact point

### **Maxillary anterior teeth-**

(beginning 1<sup>st</sup> Bicuspid- Canine)

Incisal edges: mesial/distal contact point

### **Mandibular posterior teeth-**

**Cusp Tips:** Height of contour /mesial buccal cusp

### **Mandibular anterior teeth-**

(beginning 1<sup>st</sup> Bicuspid- Canine)

Incisal edges: mesial/distal contact point

0.0 to 0.5mm = 0 pts

0.6 to 1mm = 1 pt.

> 1mm = 2 pts.

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## ■ Marginal Ridges (Posterior teeth)

### **Maxillary posterior teeth-**

(do not score canine-premolar contact)

Central groove: Height of marginal ridge roll mesial/distal contact points

### **Mandibular posterior teeth-**

(do not score distal of lower 1<sup>st</sup> premolar)

Central groove: Height of marginal ridge roll mesial/distal contact points

0.0 to 0.5mm = 0 pts.

0.6 to 1mm = 1 pt.

> 1mm = 2 pts

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## ■ Buccolingual Inclination

### **Maxillary & Mandibular posterior teeth-**

(do not score lower 1<sup>st</sup> premolar nor the distal cusps of the second molars)

Plane between height of contour of mesial buccal cusp and mesial palatal cusp

0.0 to 1mm = 0 pts.

1.1 to 2mm = 1 pt.

> 2mm = 2 pts

## Overjet

### Bicuspid and Molars-

Mandibular buccal cusp tip to central grooves of Maxillary dentition at point of greatest discrepancy

(Each maxillary tooth)

0.0 to 0.5mm = 0 pts.

0.6 to 1.5mm = 1 pt.

> 1.5mm = 2 pts

### Canine to Canine-

Mandibular tooth facial height of contour to height of contour on palatal incline of the incisal third of maxillary tooth

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## Occlusal Contacts

Not scored in the E-CRE

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## Occlusal Relationship

### Molars-

Mesial buccal cusps at the height of contour on the maxillary molars to the buccal groove on the mandibular molars

=/< 1mm = 0 pts.

1.1 to 2mm = 1 pt.

> 2mm = 2 pts

### Bicuspid and Canine-

Height of contour on maxillary buccal cusp to the mandibular arch interproximal space

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## Interproximal Contacts

Not scored in the E-CRE

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## Root Angulation

Do not score the maxillary and mandibular canine relationships.

Parallel = 0 pts.

Not Parallel= 1 pt.

Root contacting adjacent tooth= 2 pts (each occurrence)

- *No tooth is scored more than 2 points for any individual parameter*
- *Third molars are not scored unless they substitute for second molars*