

## Reference - ABO Cast/Radiograph Evaluation

See [Grading System for Casts-Radiographs](#) for entire discussion

<p><b>ALIGNMENT/ROTATIONS</b></p> <p>0.5 - 1 mm = 1 for each tooth            &gt; 1 mm = 2 for each tooth</p>	<p><b>OCCLUSAL CONTACTS</b></p> <p>0 mm = satisfactory            ≤ 1 mm = 1 (for each posterior            &gt; 1 mm = 2 tooth out of contact)</p> <p><b>** Do not score diminutive distolingual cusps of the maxillary 1<sup>st</sup> and 2<sup>nd</sup> molars, nor lingual cusps of the mandibular first premolars. <u>Maximum of 2 points per tooth.</u></b></p>
<p><b>MARGINAL RIDGES</b></p> <p>0.5 - 1 mm = 1 (for each interproximal contact            &gt; 1 mm = 2 between posterior teeth)</p> <p><b>** Do not include the canine-premolar contact.            Do not include the distal of lower 1<sup>st</sup> premolar.</b></p>	<p><b>OCCLUSAL RELATIONSHIP</b></p> <p>&lt; 1 mm = satisfactory            1 - 2 mm = 1 (for each maxillary <b>tooth</b> from the            &gt; 2 mm = 2 the canines to the 2<sup>nd</sup> molars)</p>
<p><b>BUCCOLINGUAL INCLINATION</b></p> <p>0 - 1 mm = satisfactory            1.1 - 2 mm = 1 (for each posterior tooth)            &gt; 2 mm = 2</p> <p><b>** Do not score the mandibular 1<sup>st</sup> premolars nor the distal cusps of the second molars.</b></p>	<p><b>INTERPROXIMAL CONTACTS</b></p> <p>0.6 - 1 mm = 1 (for each interproximal            &gt; 1 mm = 2 <b>contact</b>)</p>
<p><b>OVERJET</b></p> <p>Anterior teeth must be contacting.</p> <p>0 mm = satisfactory            ≤ 1 mm = 1 (for each maxillary            &gt; 1 mm = 2 tooth)</p> <p>Transverse posterior teeth:            Mandibular buccal cusps are measured to the central fossa of the maxillary teeth.</p>	<p><b>ROOT ANGULATION</b></p> <p>Parallel = 0            Not parallel = 1            Root contacting adjacent root = 2 (for each <b>occurrence</b>)</p> <p>Do <b>not</b> score the maxillary and mandibular canines.</p>

**NOTE:** Gauge Width is 0.5 mm; Gauge Height is 1 mm  
 Third molars are not scored unless they substitute for the second molars.  
 No tooth is scored more than two points per individual parameter.