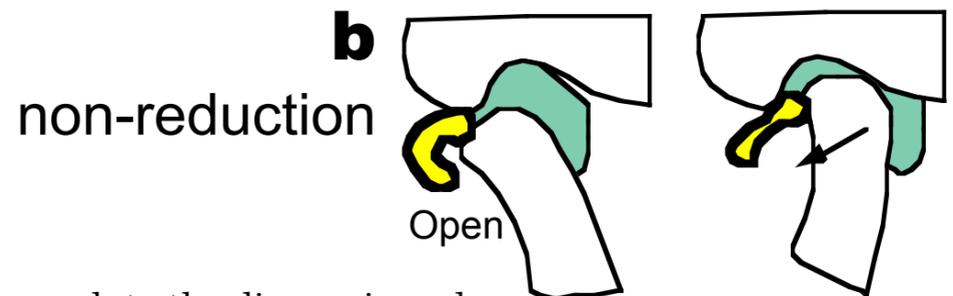
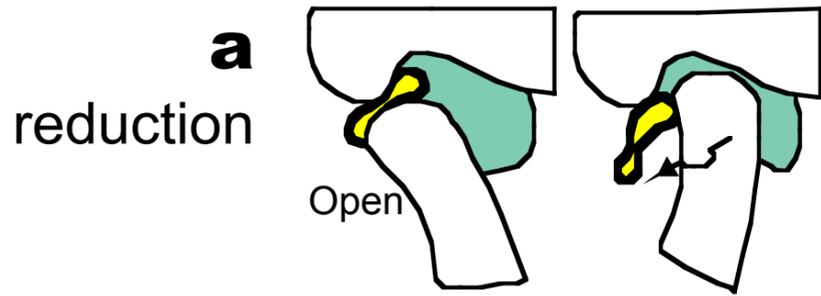
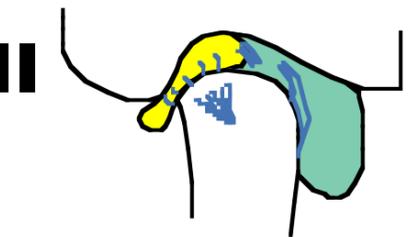
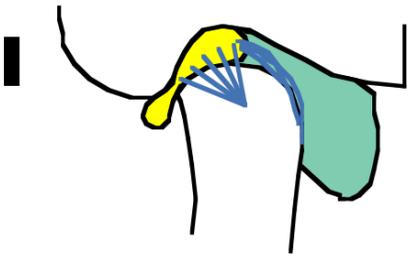
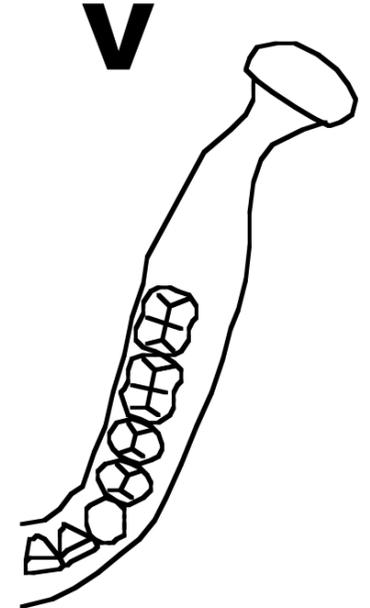
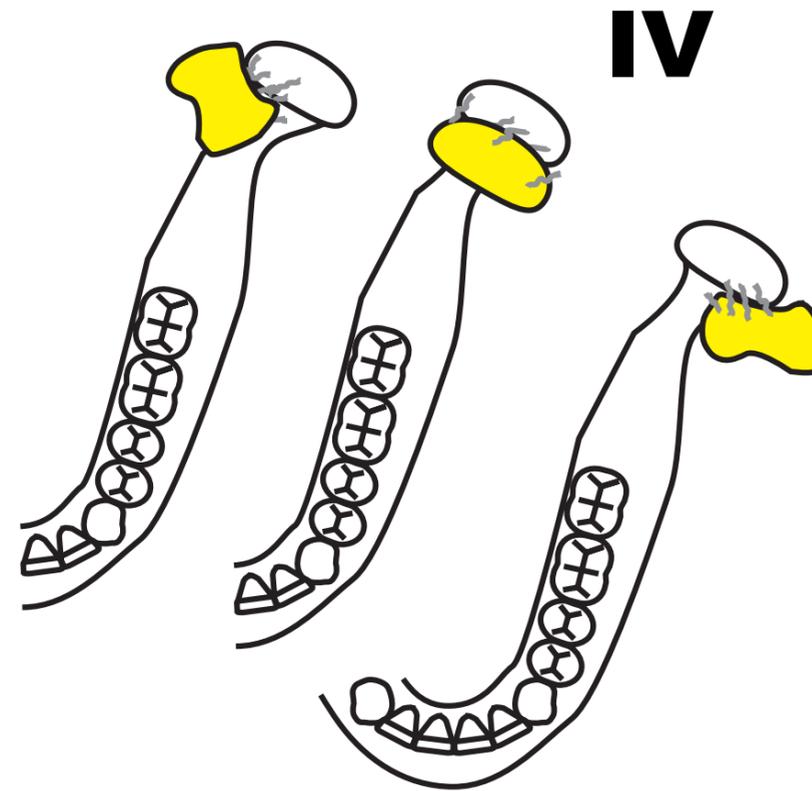
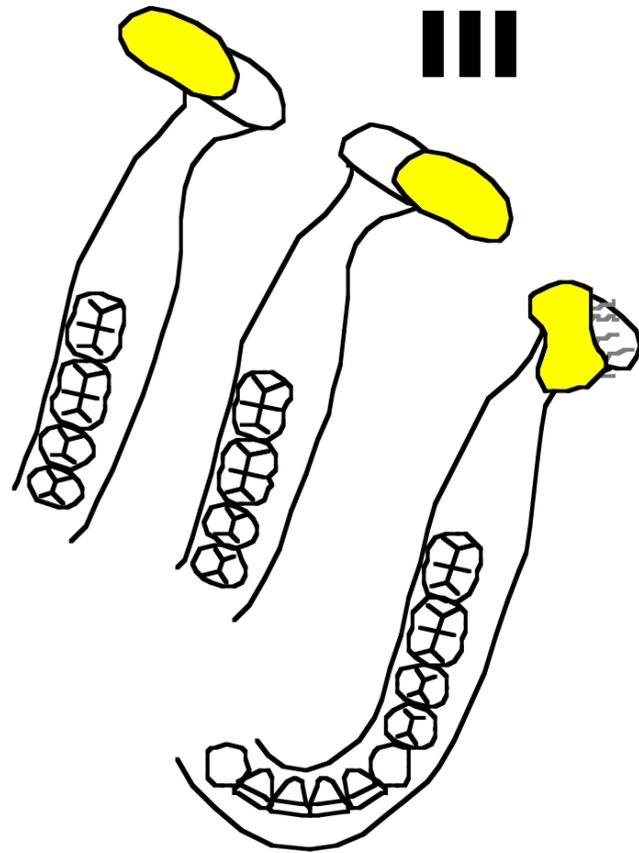
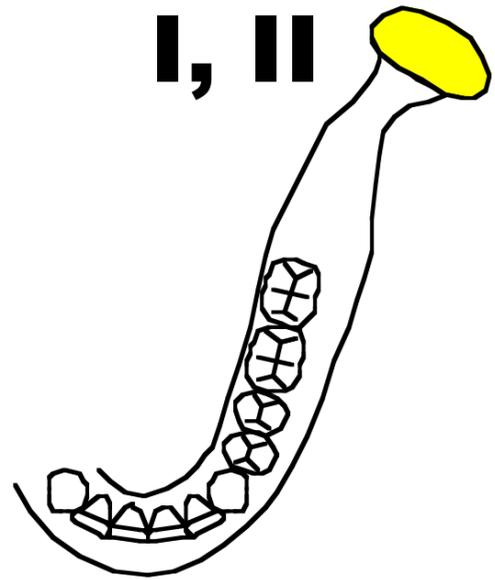
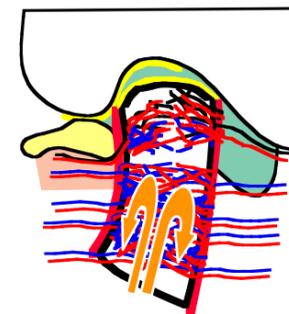


Dr. Mark Piper's Classification



% Blood Flow Affected?



Bone to Bone
a Adapting
b Adapted

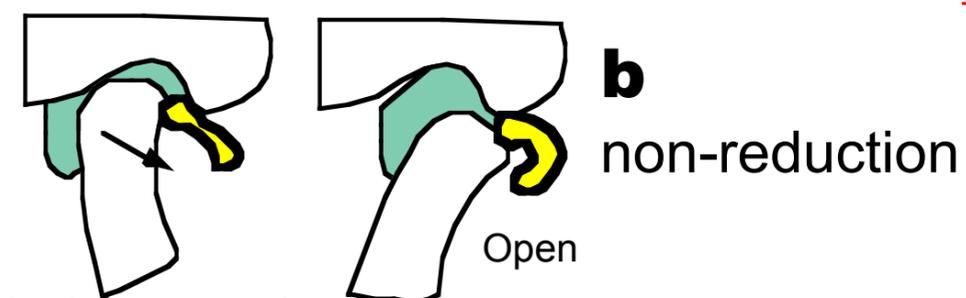
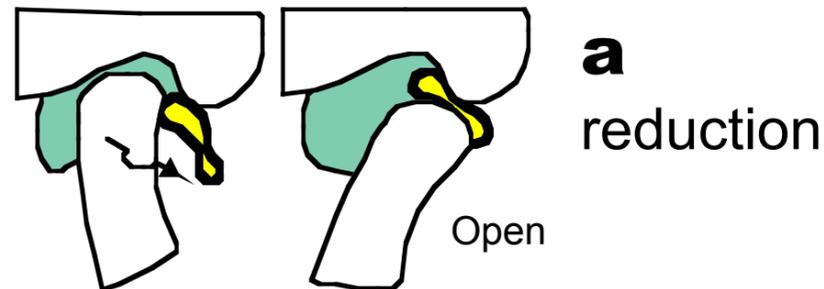
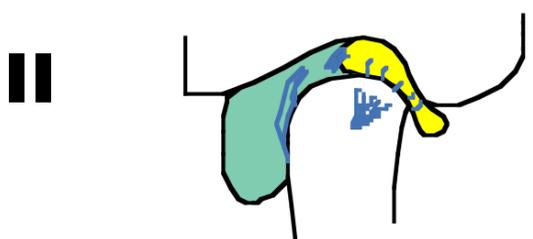
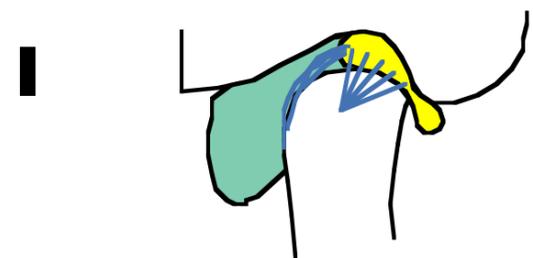
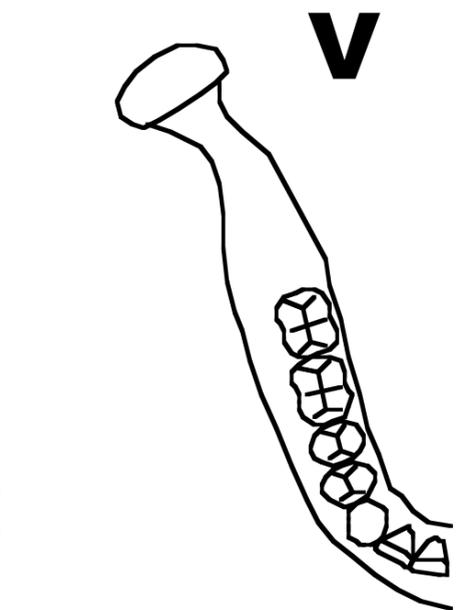
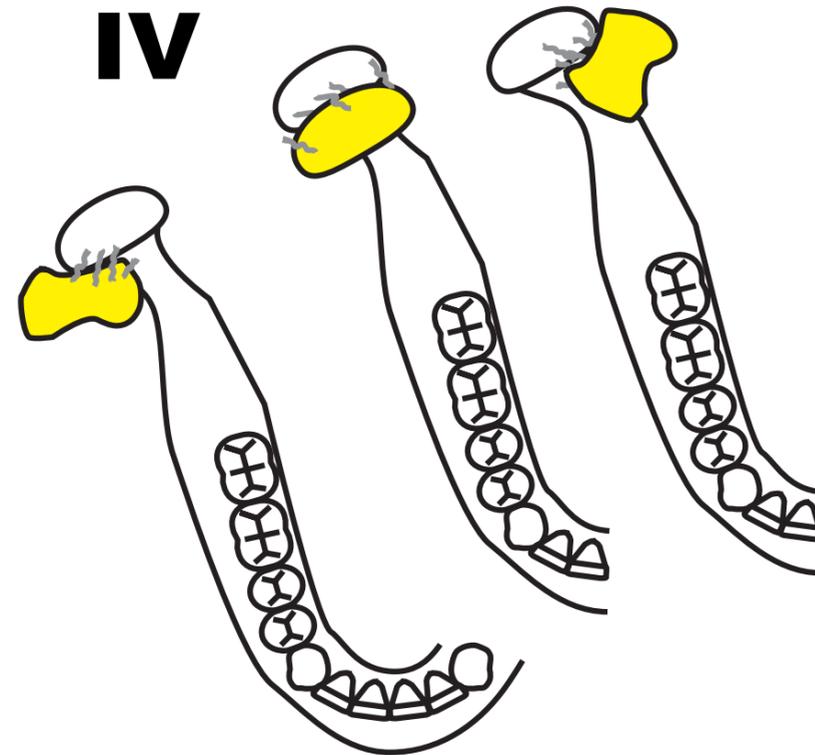
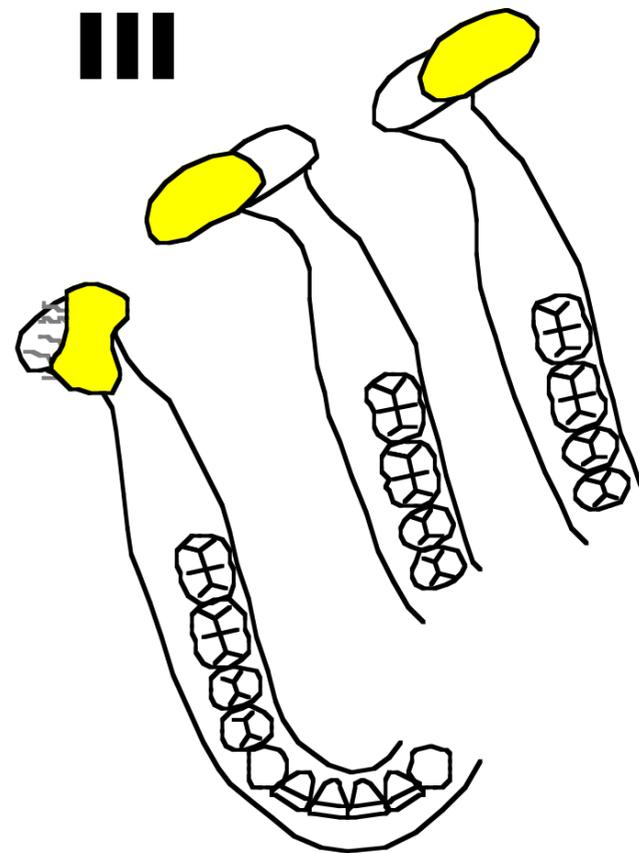
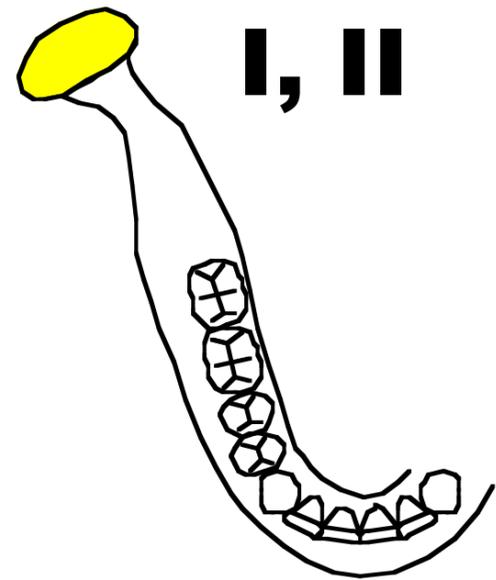
- I Normal
- 2 Ligaments or Cartilage damage
- 3a Partial disc subluxation, with reduction
- 3b Partial disc subluxation, non-reducing
- 4a Complete disc dislocation, with reduction
- 4b Complete disc dislocation, non-reducing
- 5a No Disc, Bone to bone- Adapting
- 5b No Disc, Bone to bone- Adapted

Droter JR, An orthopaedic approach to the diagnosis and treatment of disorders of the temporomandibular joint. Dent Today 2005 Nov;24(11):82, 84-8

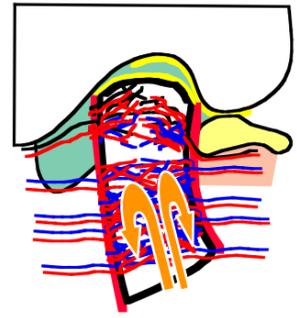
Dr. Mark Piper's Classification

John R Droter DDS
www.JRDroter.com

Right TMJ



% Blood Flow Affected?



Bone to Bone
a Adapting
b Adapted

- I Normal
- 2 Ligaments or Cartilage damage
- 3a Partial disc subluxation, with reduction
- 3b Partial disc subluxation, non-reducing
- 4a Complete disc dislocation, with reduction
- 4b Complete disc dislocation, non-reducing
- 5a No Disc, Bone to bone- Adapting
- 5b No Disc, Bone to bone- Adapted

Droter JR, An orthopaedic approach to the diagnosis and treatment of disorders of the temporomandibular joint. Dent Today 2005 Nov;24(11):82, 84-8

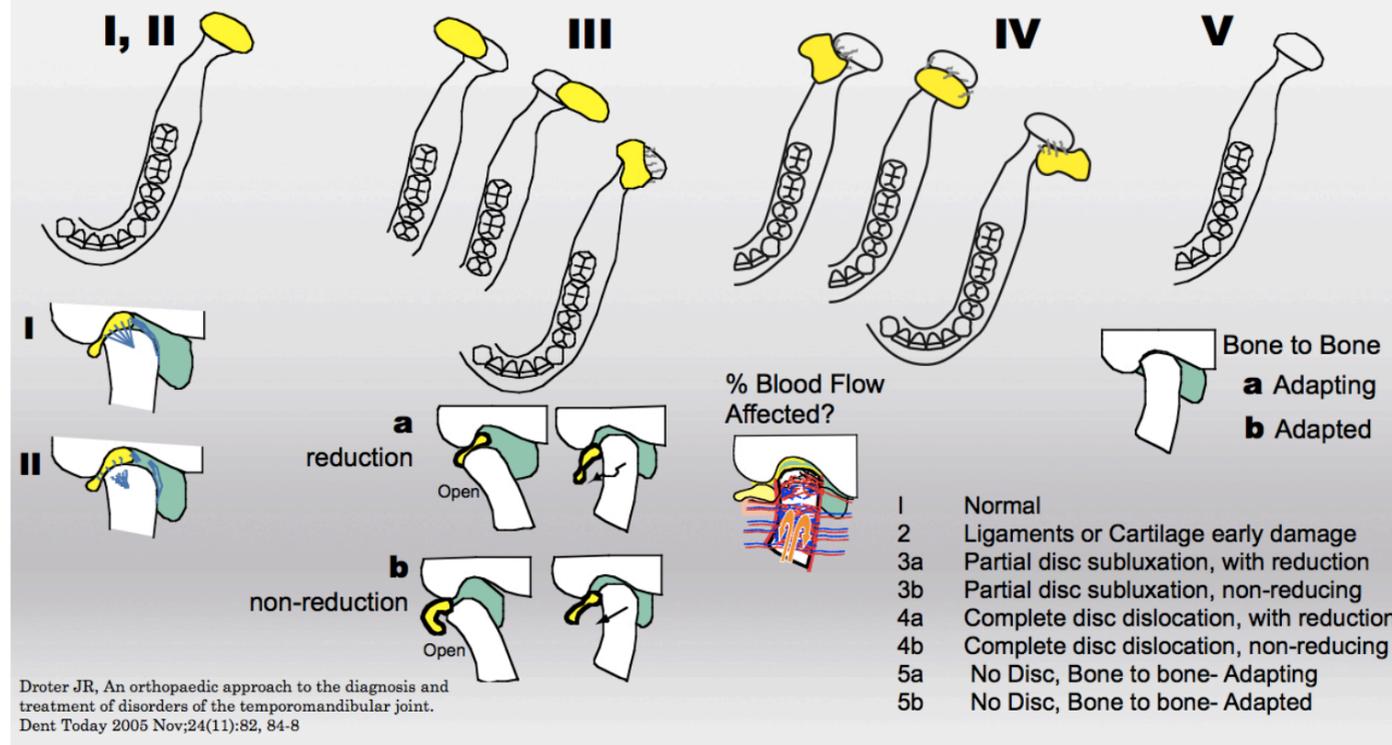
The Expanded Piper Disc Classification

TMJ Damage

- 1 Normal Healthy Disc, Ligament and Cartilage
- 2 Normal Disc Position but damage:
 - Ligaments damage
 - Cartilage Fibrillation
 - Disc Distortion
 - Perforation of Disc
 - Disc unstable due to contralateral TMJ damage
- 3ae Early Partial disc subluxation, with reduction
- 3a Partial disc subluxation, with reduction
- 3b Partial disc subluxation, non-reducing
- 4ae Early Complete disc dislocation, with reduction
- 4a Complete disc dislocation, with reduction
- 4 adh Adhesed disc to eminence
- 4b Complete disc dislocation, non-reducing
- 4b/a Complete disc dislocation, non-reducing in function
- 5a No Disc, Bone to bone- Adapting- OA Active
- 5b No Disc, Bone to bone- Adapted- OA adapted

Dr. Mark Piper's Classification

Left TMJ



4a/4b Qualifiers

- Disc Size- small, medium, large
- Direction of dislocation-
 - Anterior, Medial, Lateral, Distal
- Thickness of posterior band
- Distance posterior band in front of condyle
- Conforming of dislocated disc to eminence

- Perforation of Pseudo-disc
- Subluxation of Pseudo-disc
- OA Active without perforation of Pseudo-disc
- OA Adapted without perforation of Pseudo-disc

John R Droter DDS