



C-Shaped Canals

- Most often seen in mandibular 2nd molars with an incidence of 8% in general population
- More common in people of Asian descent with reported incidence of 31%
- Large amount of pulpal tissue typically present with tooth often described as “hot”-profound anesthesia can be challenging but extremely important to achieve
- Intricate webbing, fins and communication between canals makes treatment more complex
- Must use copious amount of irrigant; sonic/ultrasonic agitation can increase irrigants efficiency
- Obturation difficult without warmed gutta percha
- Roots can be easily perforated or stripped due to unusually thin dentinal walls
- Radiographic clues include: conical root, long pulp chamber, indistinct pulpal floor

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