

TEETH UNDER PRESSURE: THE TRUTH ABOUT CRACKS

TYPES:

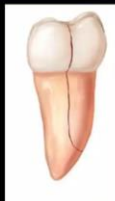


CRAZE LINES

FRACTURED CUSP



CRACKED TOOTH



SPLIT TOOTH



VERTICAL ROOT FRACTURE

RISK FACTORS IN :

Intact tooth



Restored tooth



Root canal treated tooth



TREATMENT OPTION:

- CONSERVATIVE APPROACHES – monitoring and lifestyle changes
- RESTORATIVE TREATMENT- Composite resin crown
- SURGICAL INTERVENTION- Extraction in severe cases

ETIOLOGY :

Restorative procedure

- Inadequate design features
- stress concentration

Occlusal factors

- masticatory trauma
- trauma from occlusion

Developmental factors

- parafunctional habits
- incomplete fusion of area of calcification

Miscellaneous Factors

- Thermal cycling
- Dental instruments

INVESTIGATION:



1. Radiograph
2. CBCT
3. Vitality test
4. Bite test
5. Dye test
6. Transillumination
7. Loups

