



- A modification of the traditional onlay preparation to minimize gold display on the occlusal buccal of upper bicuspids and molars
- Ingual cusp needs to have adequate strength to resist the occlusal forces
   Helps prevent cusp fracture and relief sensitivity when tiny fractures are present
- A thin layer of gold can protect fragile areas of teethThe gold restoration itself will not fracture, no chipping!

- Protection against fracture
- Occlusal reconstruction
  Predictable longevity<sup>1</sup>





# Required Instruments

- Straight fissure bur (H21.314.010) (Brassler)
   Egg shaped finishing bur ( H379.314.014)
   Handinstruments (Suter)
   Cuttle Fine Disk (Moore)







- Occlusal reduction:
  1,5 mm on the lingual,1 mm on the buccal.
- Proximal box preparation
  Handinstrumentation

- BevelsMicrobevel on the buccal cusp







3 years in service





## **Studies**

Donavan TE, Retrospective Clinical Evaluation of 1314 Cast Gold Restorations in Service from 1 to 51 years, J Esthet Restor Dent 2004;16: 194

More Information: www.RVTucker.org