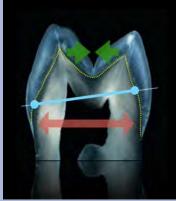






CROWNS OR NO CROWNS?





Enamel compression dome is in radial compression above inflection plane

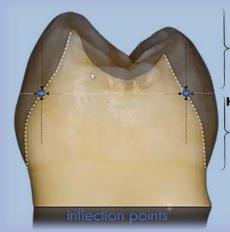
Enamel compression dome is in radial tension below the inflection plane



Survival rates
for crowns
Larsson &
wennerberg et
al(2014) -95.9%.
Kassardjian et al
(2016)-90.9%

Disadvantages

Unnecessary removal of sound dentin.
Irreversible fractures.(Gegauf f et al 2000)



BIODOME

INFLECTION POINT-HEIGHT OF CONTOUR

BIORIM

Advantages

Less removal of toothstructure. Goo d retention and esthetics. Favorable fractures (Ferraris F et al 2021)

Survival rates onlays,inlays Archibald et al (2018)–96.3% Vagropoulou et al(2018) –93.5%

Mode of failure for crowns are more **catastrophic** where as teeth with onlays and inlays could be salvaged Pierre Luc Michaud et al (2023)