

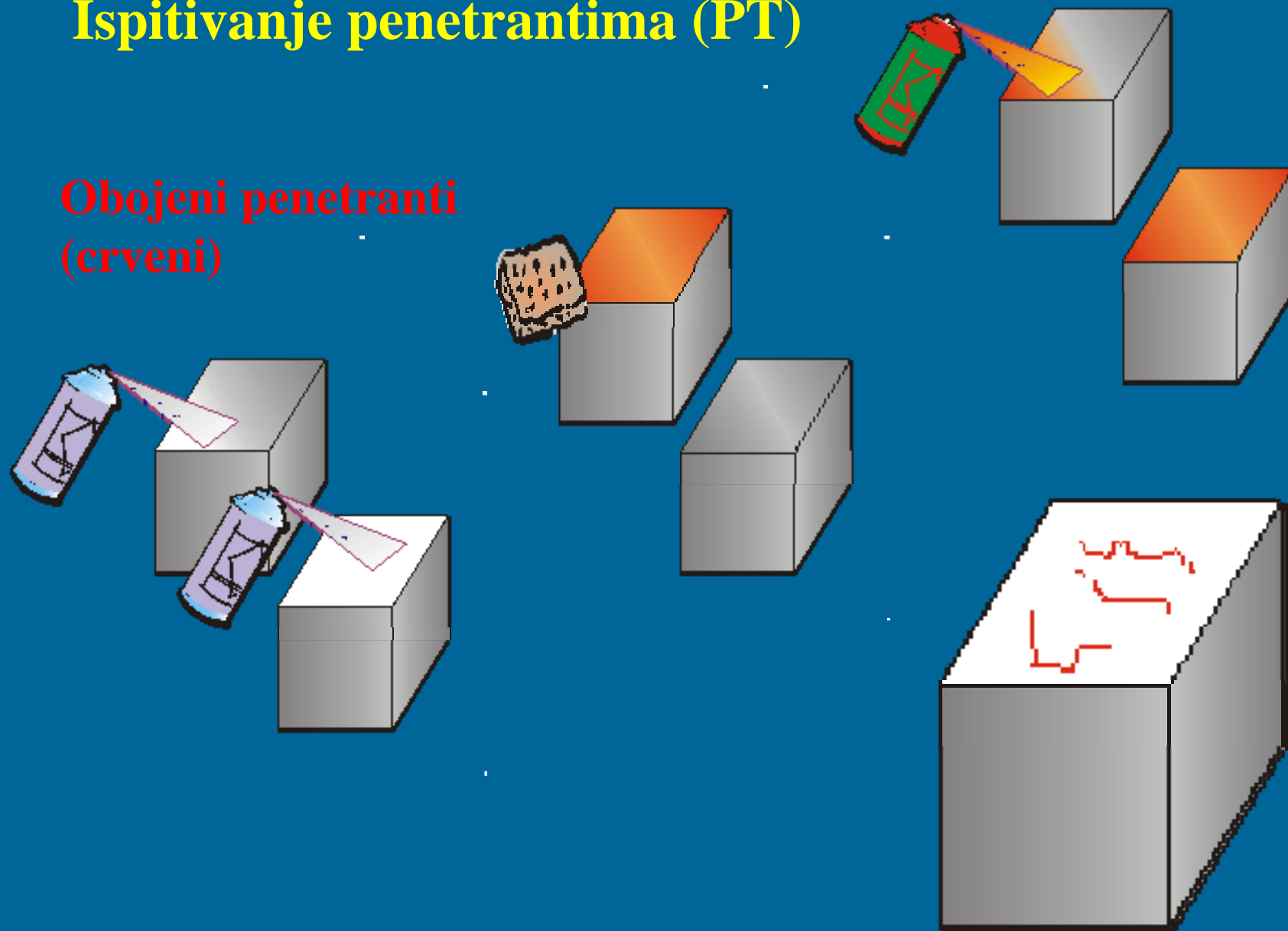
Ispitivanje penetrantima (PT)

Koraci primjene:

- ⇒ priprema površine - čišćenje
- ⇒ nanošenje penetranta - penetriranje
- ⇒ odstranjivanje viška penetranta s površine
- ⇒ nanošenje razvijачa - razvijanje
- ⇒ završno čišćenje

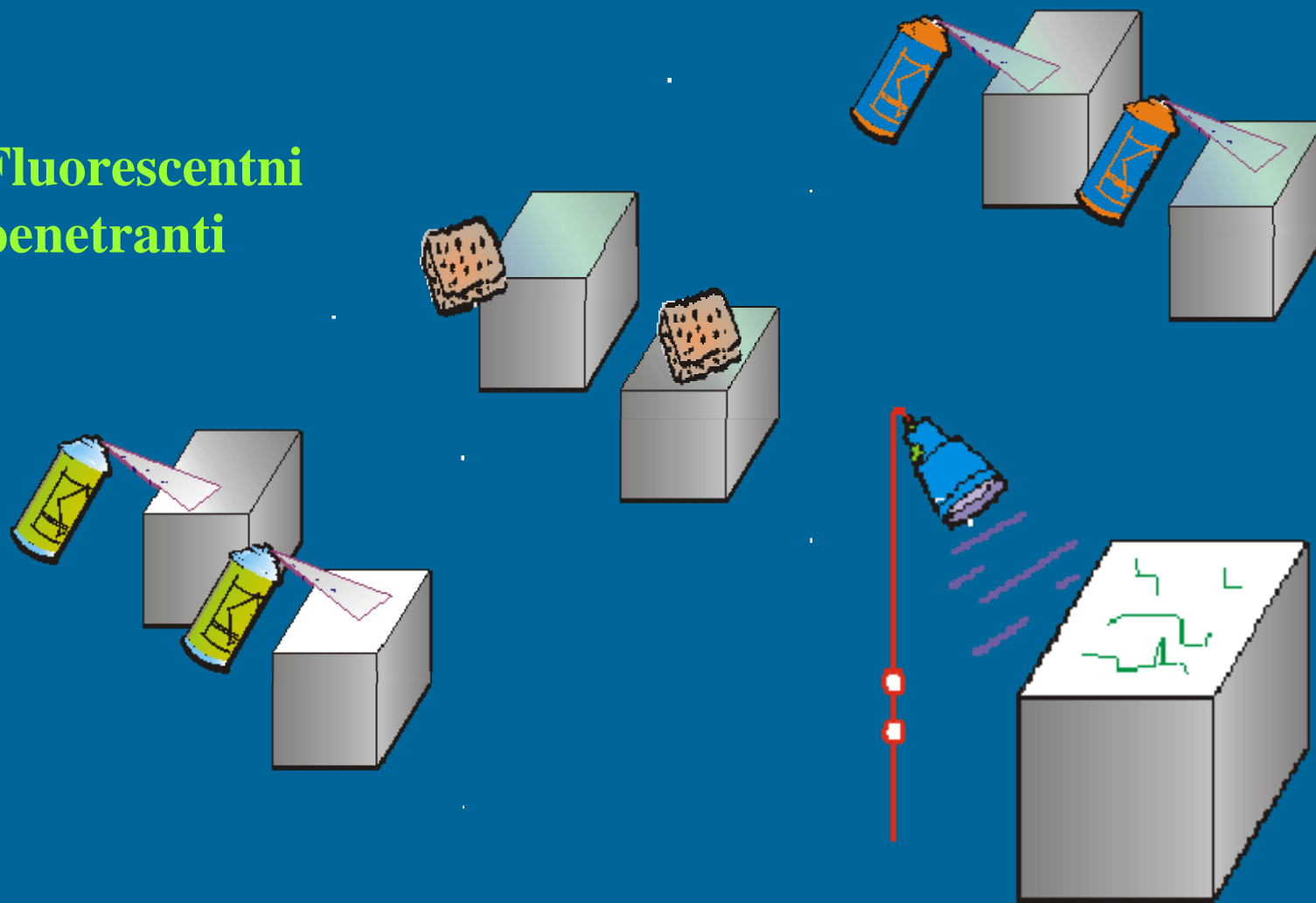
Ispitivanje penetrantima (PT)

Obojeni penetranti
(crveni)

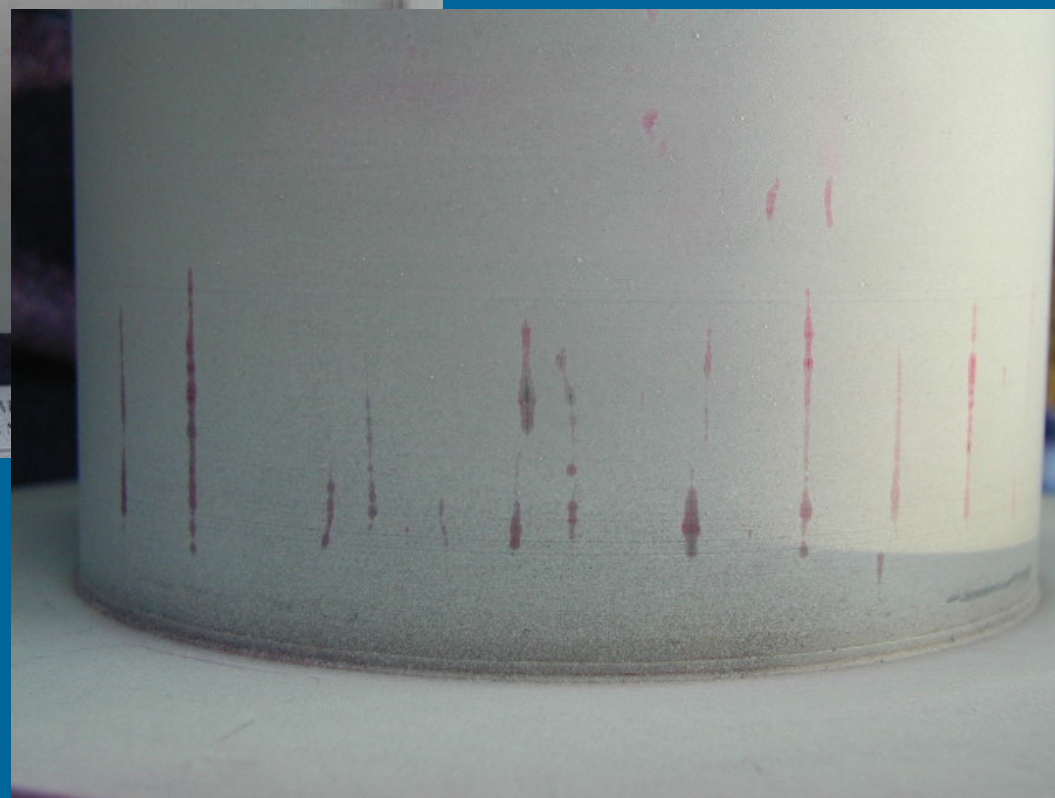


Ispitivanje penetrantima (PT)

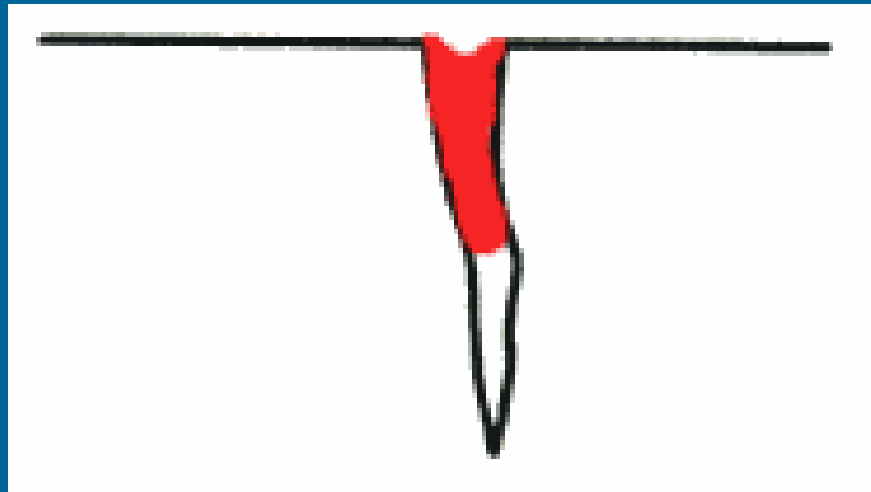
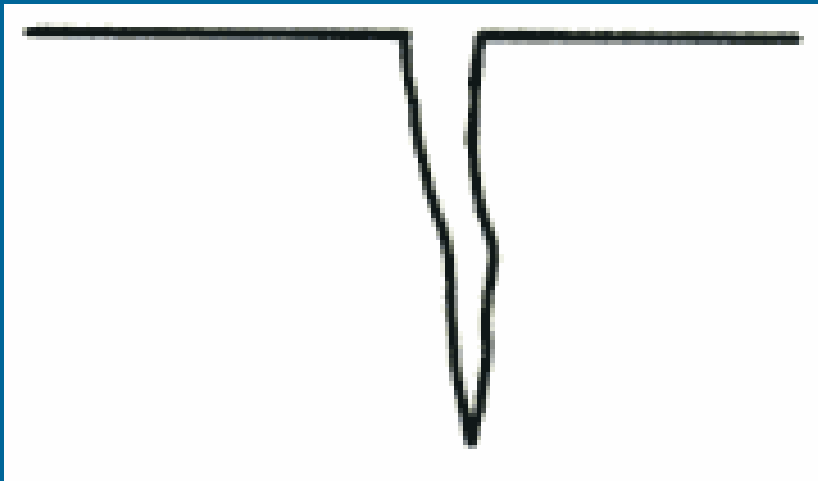
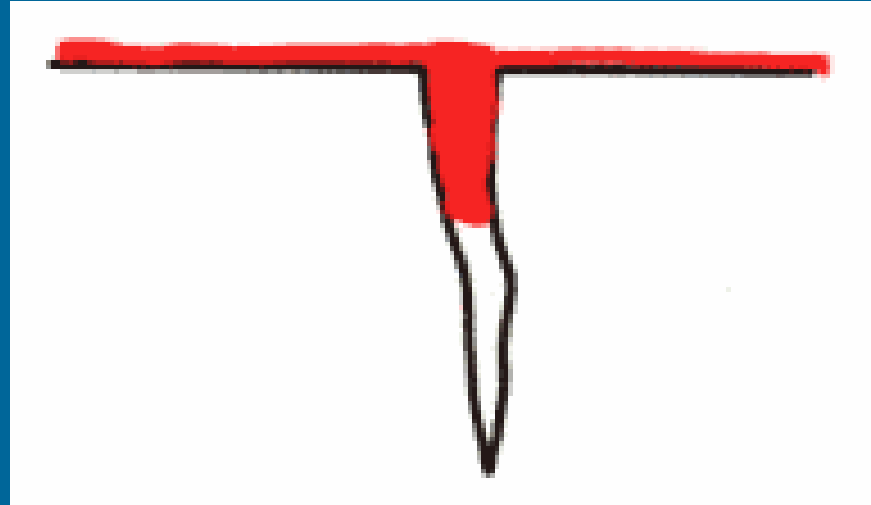
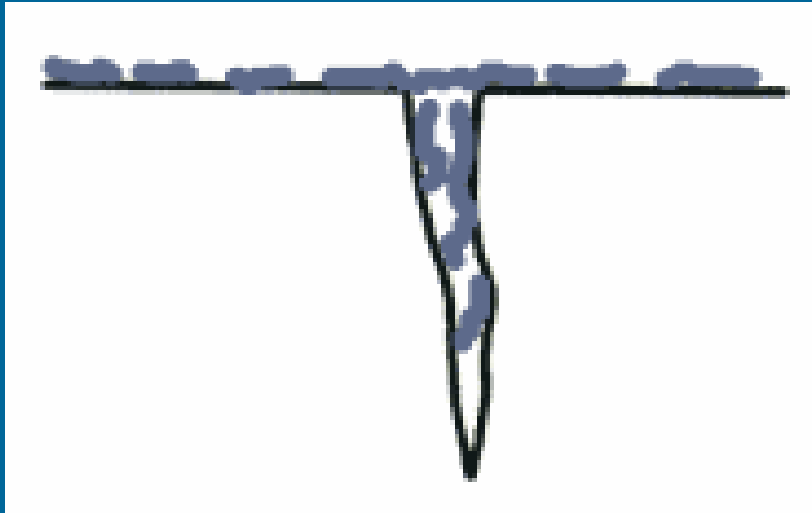
Fluorescentni
penetranti

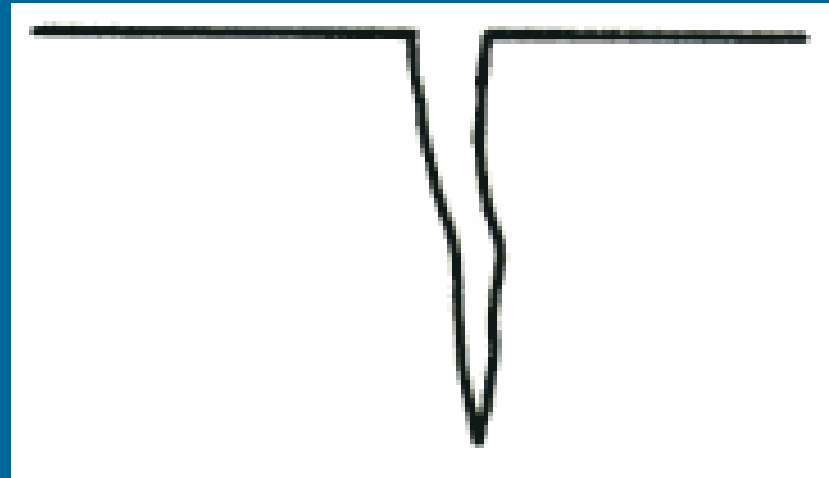
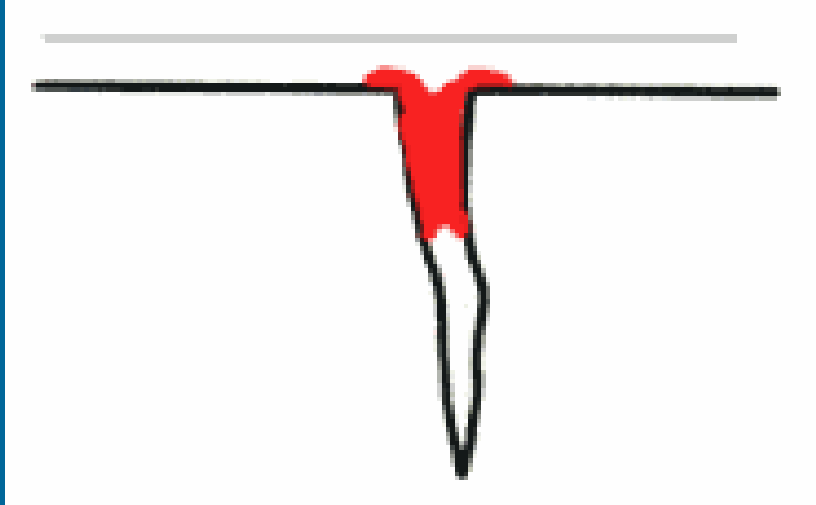
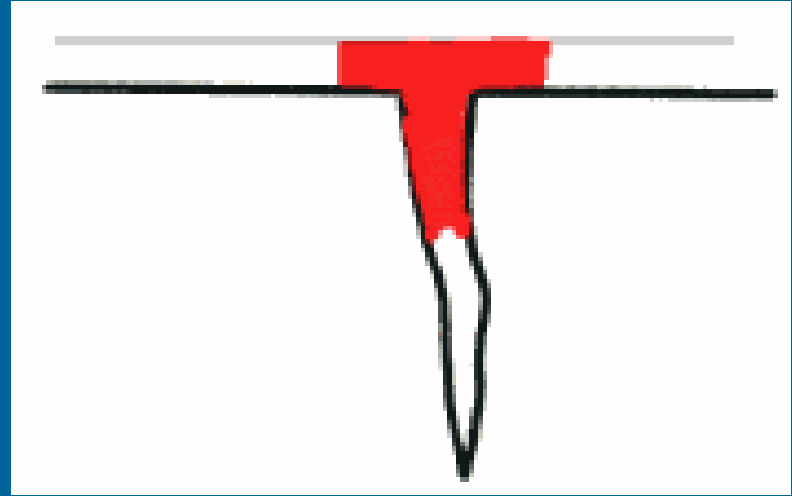
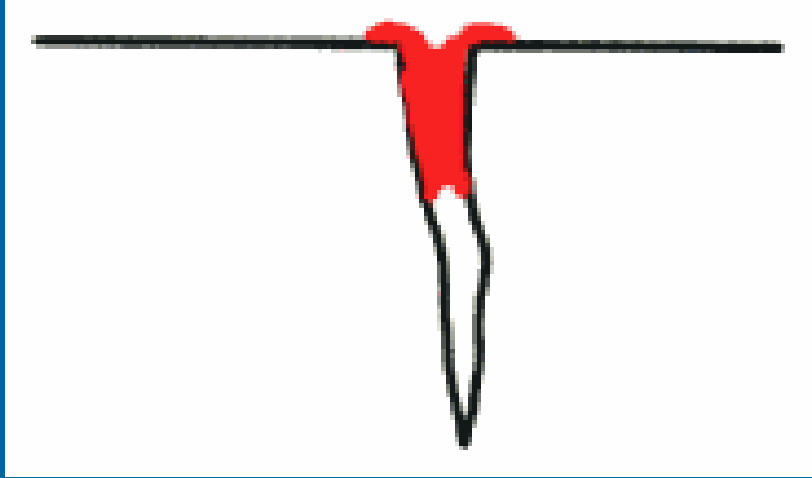


Primjeri indikacija za PT



**Obojeni
(crveni) penetrant**





Ispitivanje penetrantima (PT) - u “brojkama”

Zahtjevi / osjetljivosti / podjele / ostale tehnike:

- ⇒ pukotine šir. 1 μm , dub. 10 μm , dulj. 100 μm
- ⇒ čišćenje površine:
mehanički, jetkanje, parno i kem. odmašćivanje, ...
- ⇒ odstranjivanje viška penetranta s površine
VPP, OOP, PEP
- ⇒ uvjeti promatranja: (HRN EN ISO 3059)
rasvjeta - min 500 lx; UV - min 1000 $\mu\text{W}/\text{cm}^2$, max 20 lx
- ⇒ temperaturno područje primjene: 10° do 50°C
- ⇒ može i za ispitivanje propusnosti
- ⇒ HRN EN 571-1, HRN EN ISO 3452-2 i 3, HRN EN 1289