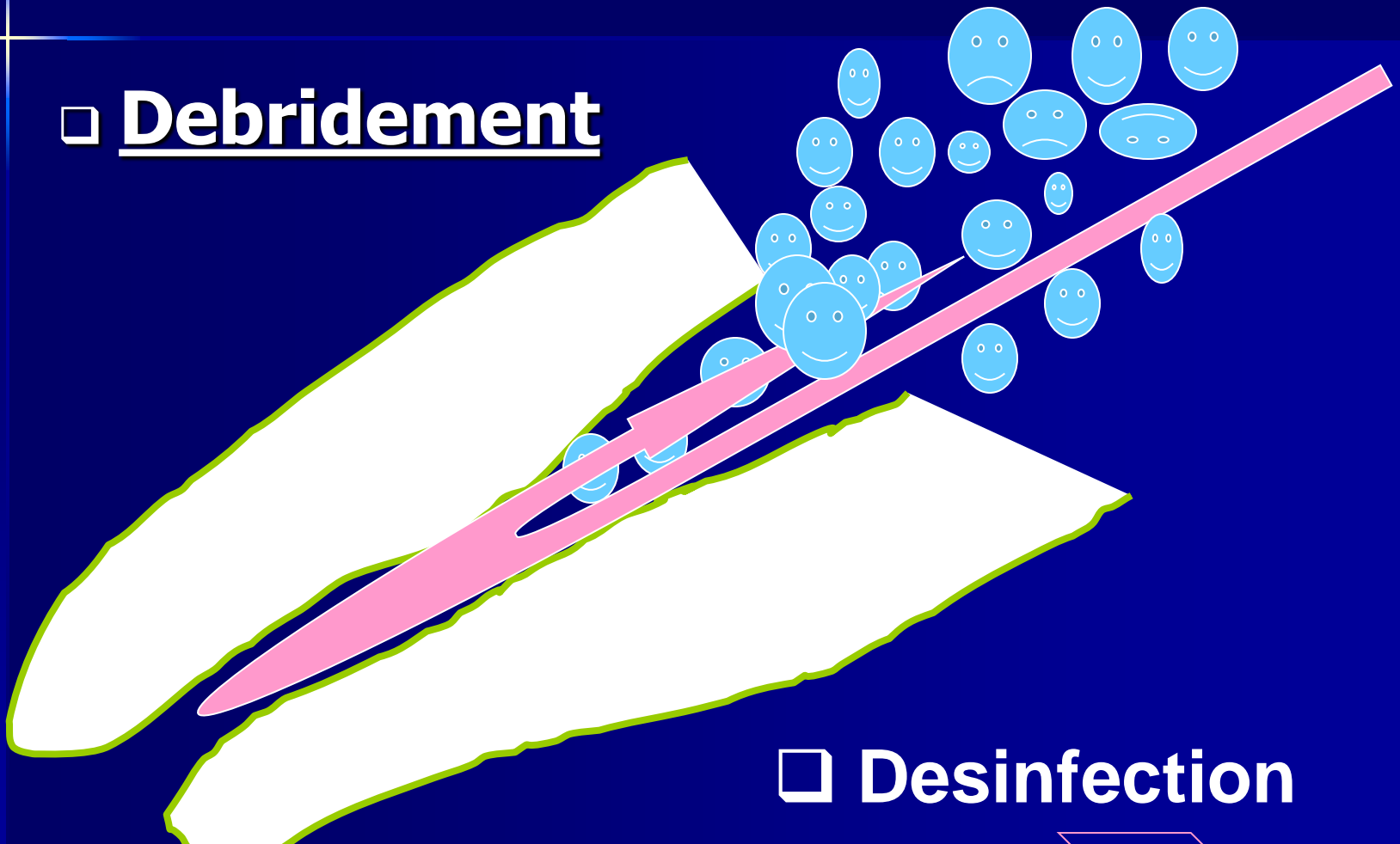
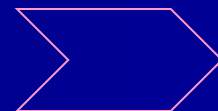


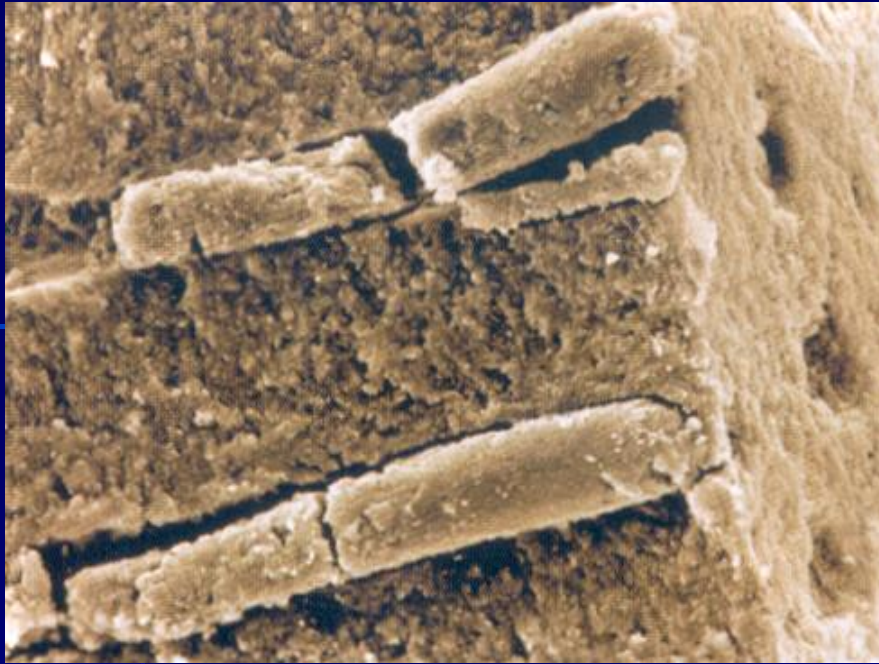
# Irrigation

□ Debridement



□ Desinfection





# CANTATORE G.

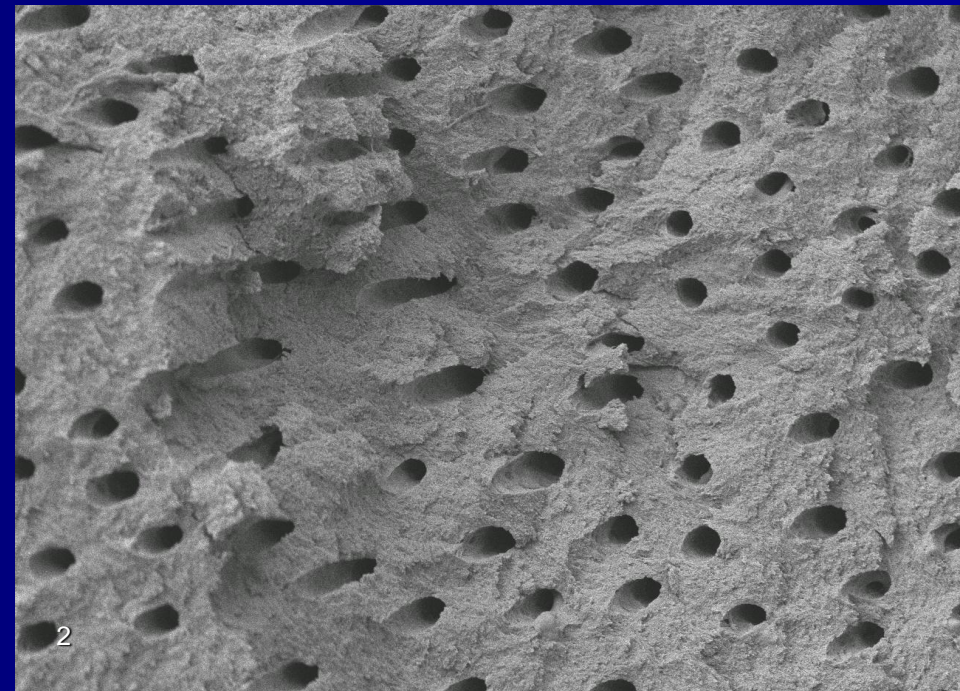
Irrigation Canalaire: avantages  
potentialisation et sequence operatoire

Endo Contact 1999 - 5:13-21

**Výplach NaOCl**



[lroubalikova@gmail.com](mailto:lroubalikova@gmail.com)



2

ISI

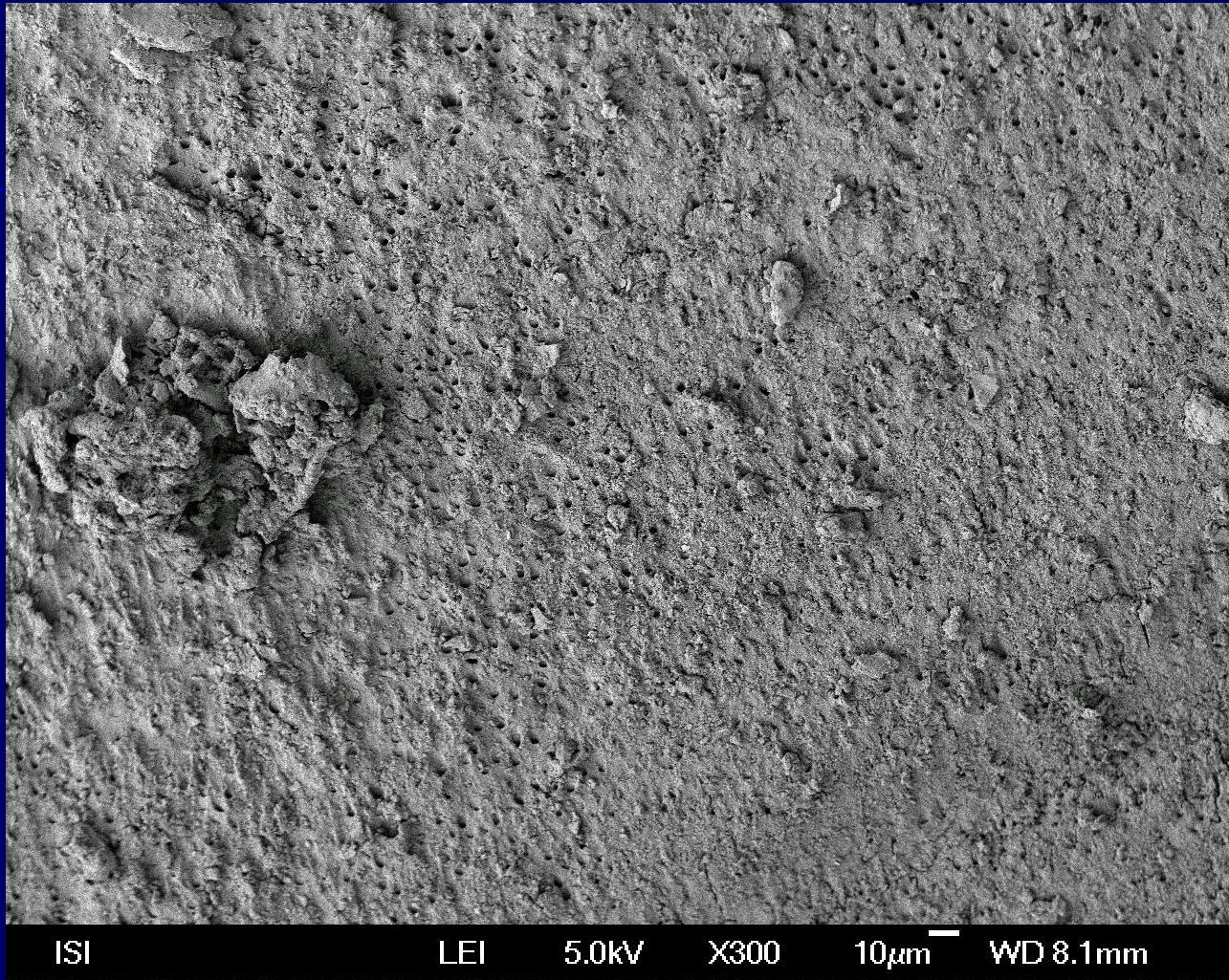
LEI

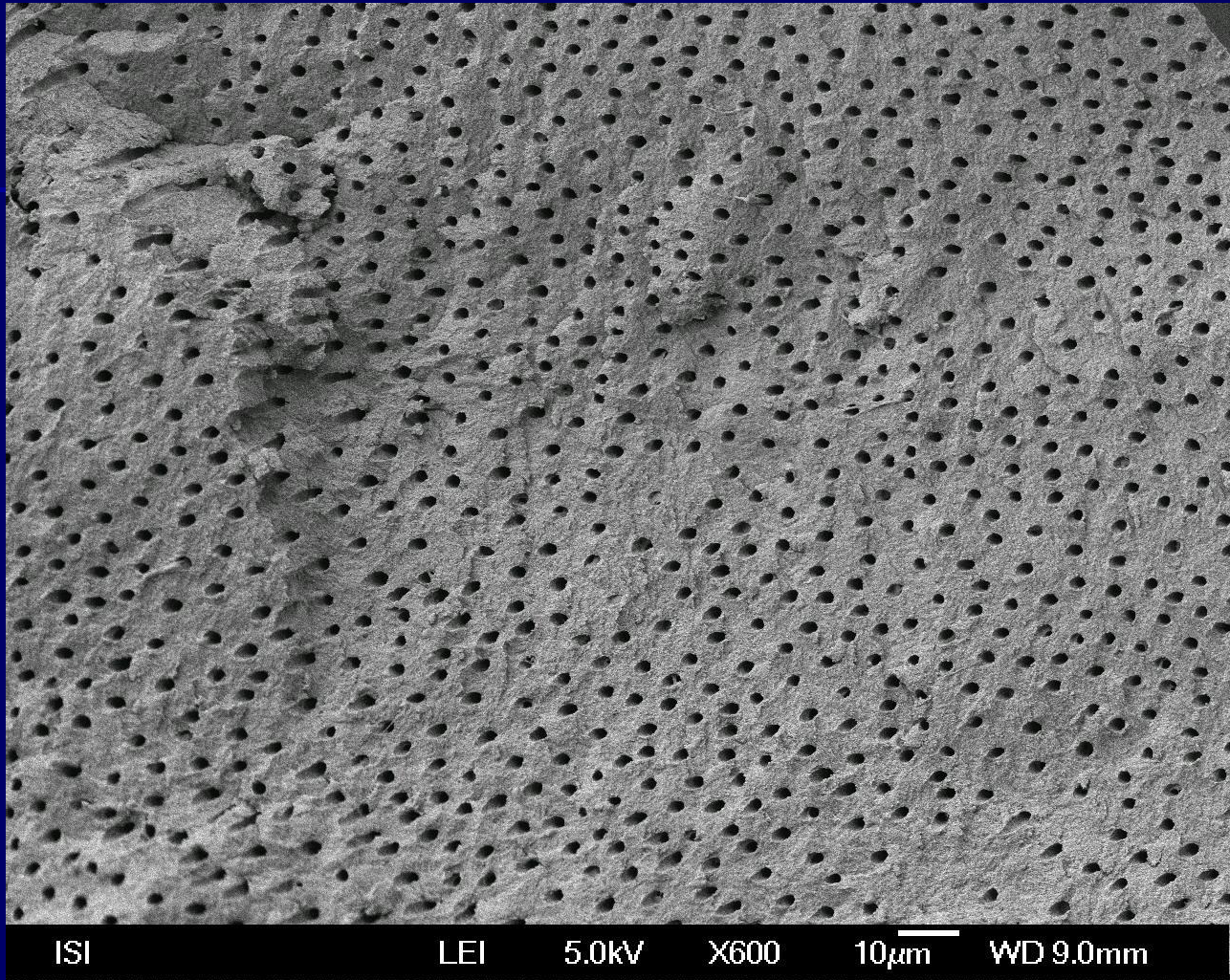
5.0kV

X2,000

10µm

WD 9.0mm





# Irrigants

Sodium hypochlorite 2 - 6%

Desinfection – oxidation

Dissolves biofilm, organic tissues

Bad smell

Hemorrhagic necrosis in soft tissues

# Irrigants

- Chlorhexidin

0,12%, 0,2%, 2%

Good antibacterial spectrum

Long term connection to surfaces

Improves biofilm

In reaction with calcium hydroxide –  
parachloranilin

Precipitates with chlorhexidin

# Irrigants

- EDTA 17% - 18%

No antibacterial effect

Dissolves inorganic part of smear layer

# Irrigants

- Citric acid



# Irrigation protocol – most common

- Sodium hypochlorite 2 – 6%

Combination with lubrication gel with  
EDTA possible

# Activation od irrigation

- Sonic (Endo Activator)
- Ultrasonic
- Laser (ER:YAG, ER,Cr:YSGG)