

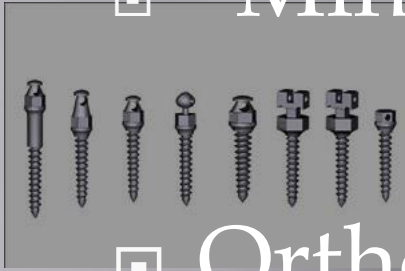
# Narrow Diameter Implants

Dr. Myra Elliott

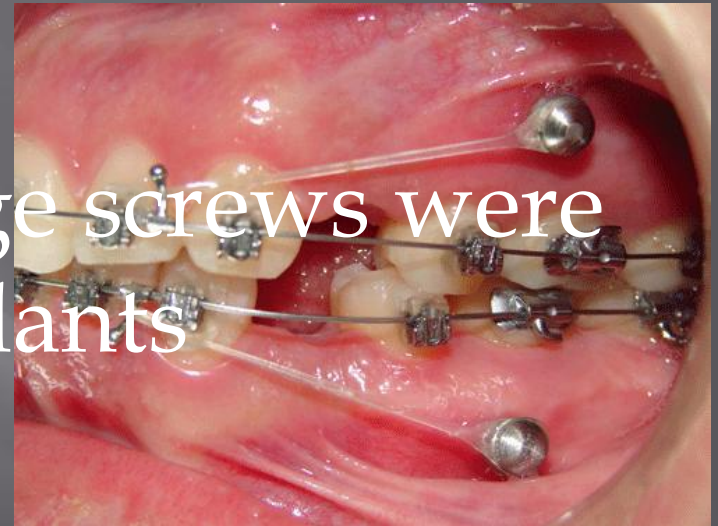


# Narrow Diameter Implants

- ▣ “Mini”, “micro”, “small diameter”

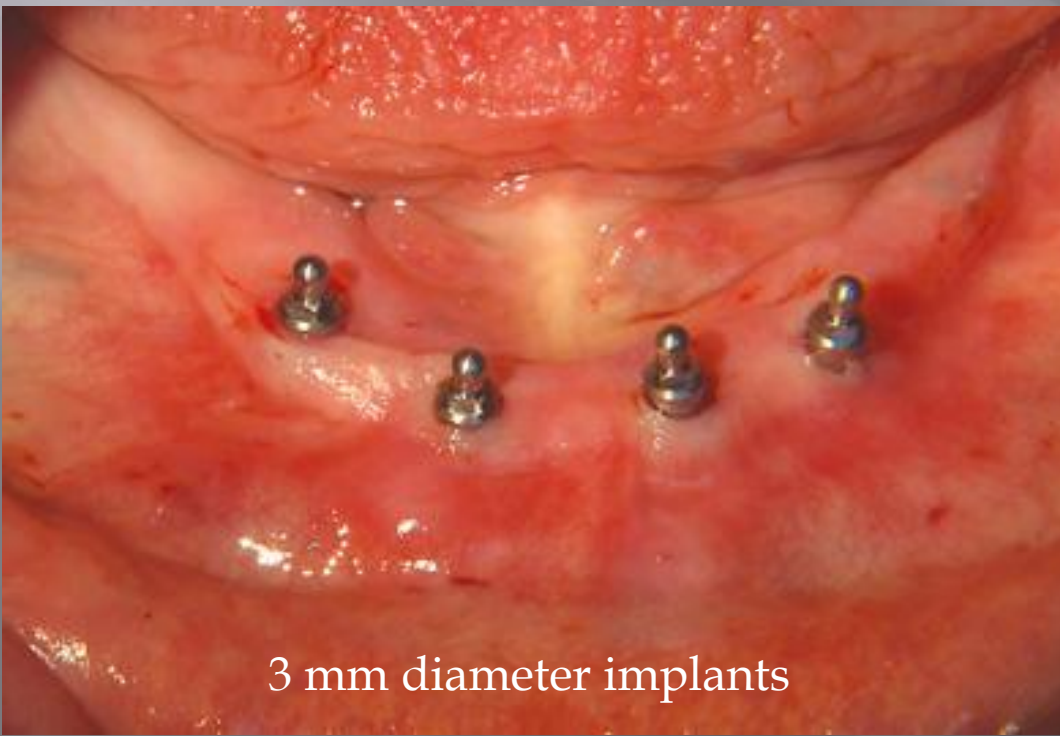


- ▣ Orthodontic anchorage screws were also termed mini implants



- ▣ Sizes – any diameter size below 3.5 mm

# Implants of diameter 2.5 to 3.3 mm can be used predictably for Mandibular overdenture retention



3 mm diameter implants



# Over denture on small diameter implants

- ▣ 2 – 4 implants
- ▣ Implants tested were between 2.5 to 3.3 mm
- ▣ Waiting period before loading
- ▣ 6 -7 years survival rate
- ▣ Good success rates 95 -96 %

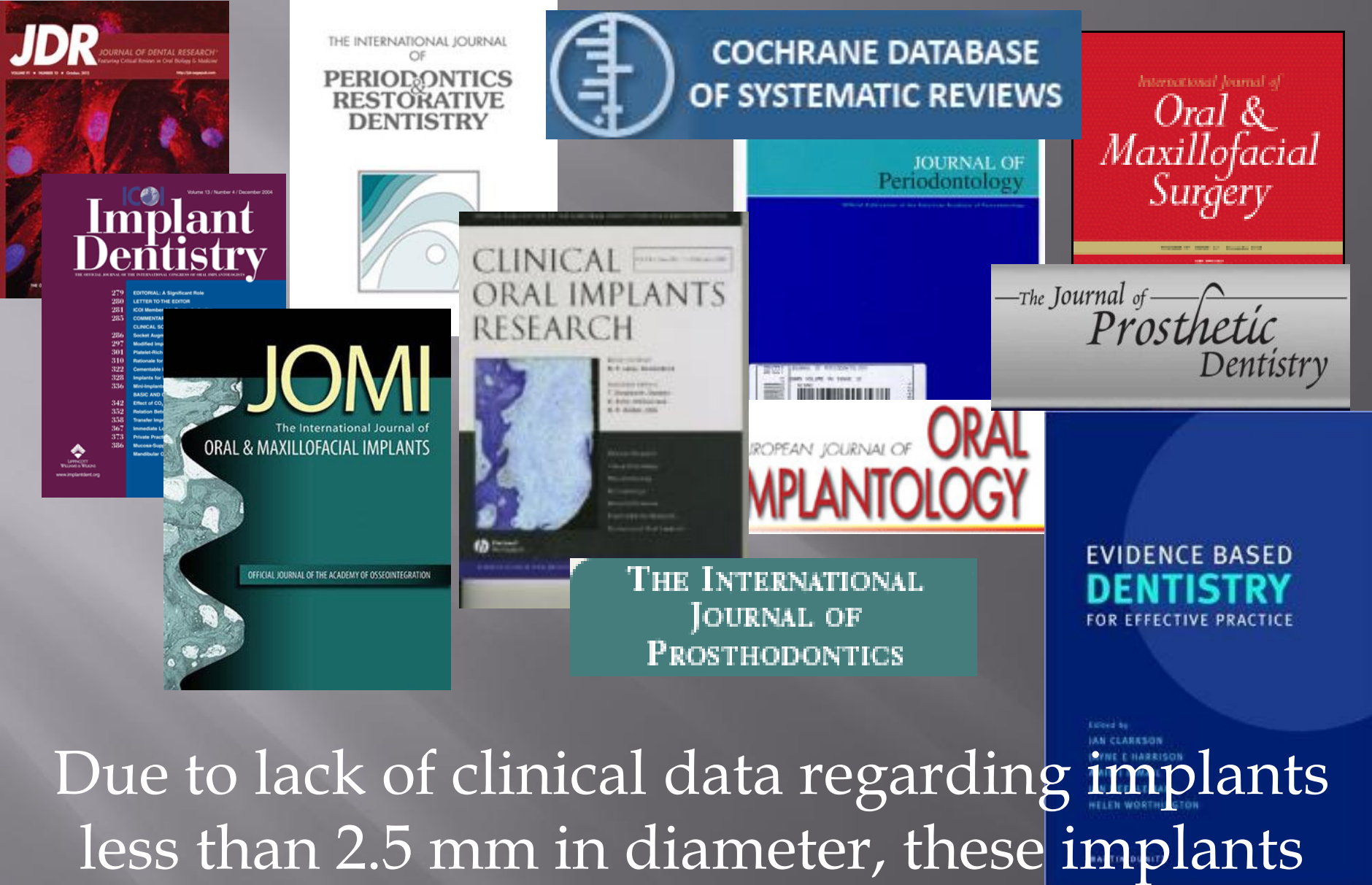




# Narrow diameter implants

- ▣ 2.9 to 3.25 implants were also used to support single crowns in maxillary laterals and lower incisors
- ▣ Success rate 95.3 %
- ▣ 7 years study





Due to lack of clinical data regarding implants less than 2.5 mm in diameter, these implants are NOT recommended for routine treatment of edentulism

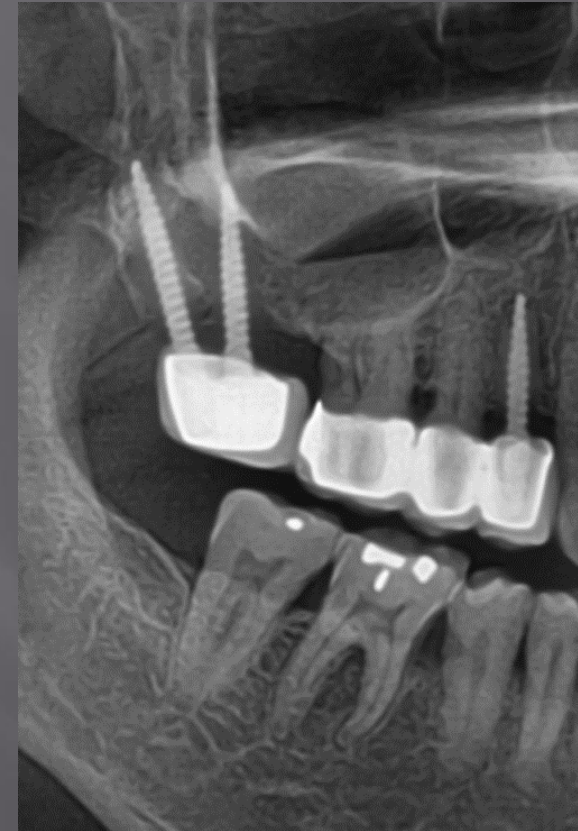
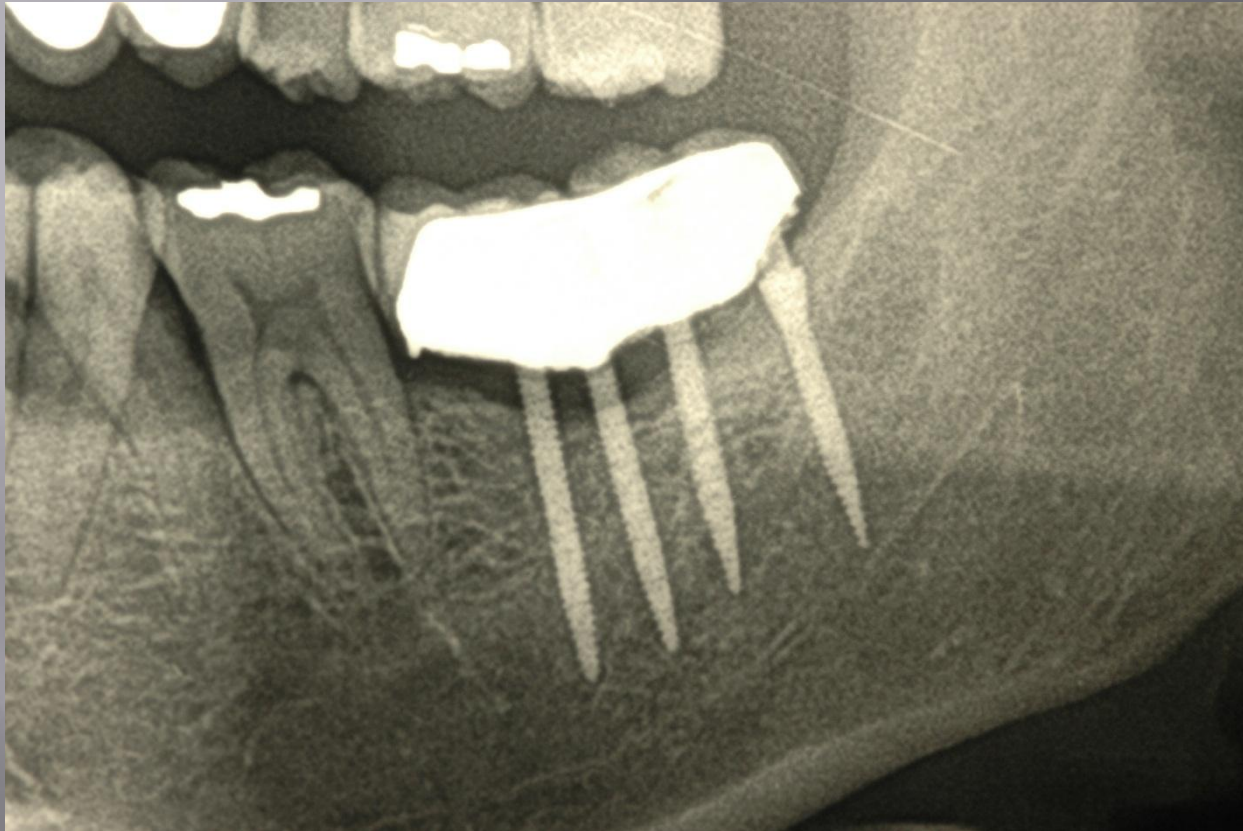
# Mini implants

Affordable

No surgery / minimally invasive

Immediate Loading

Restoration simple (because of 1 piece implant)



Affordable





Immediate  
Loading



No surgery/Minimally invasive

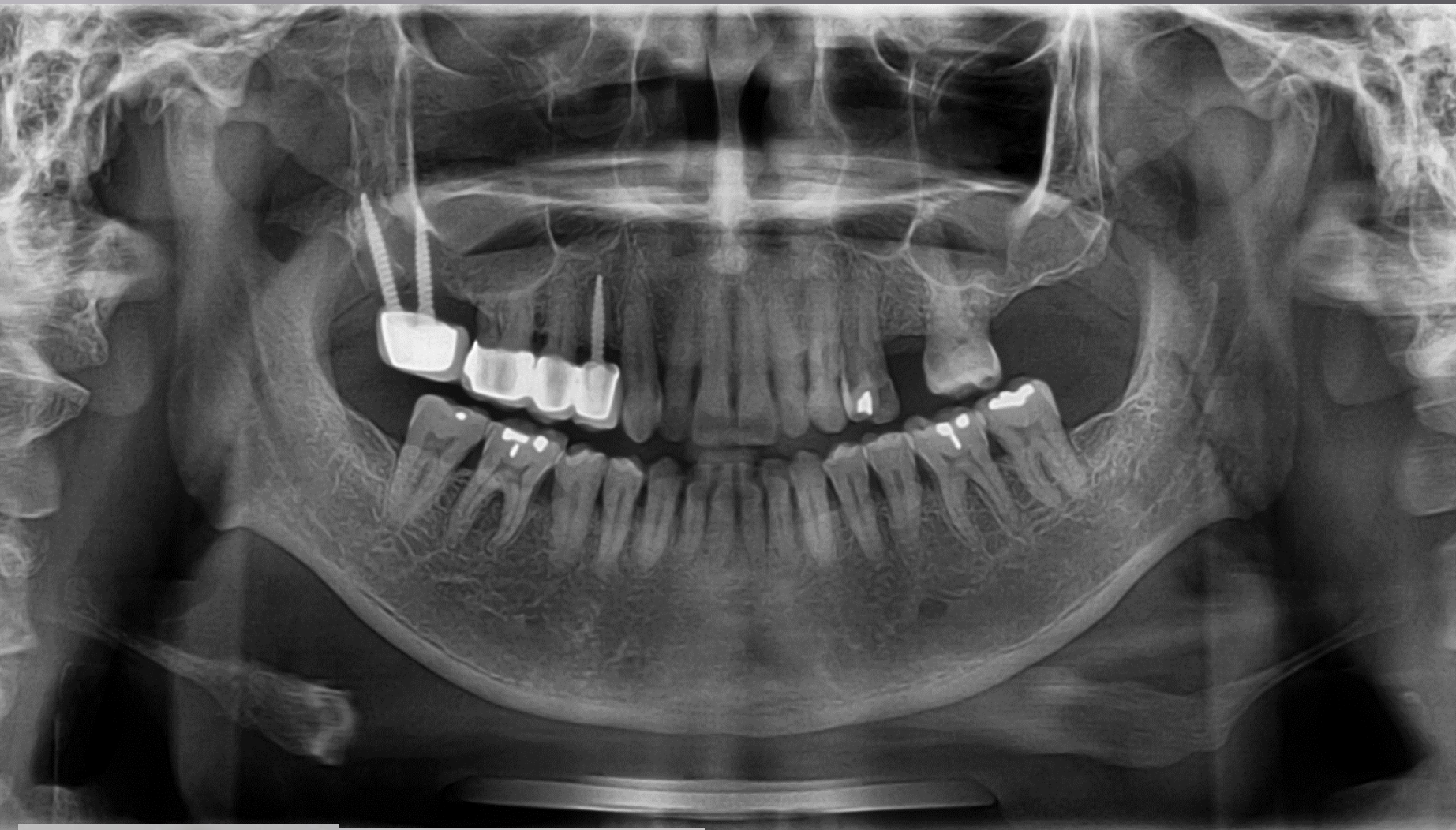


No surgery/Minimally invasive

Due to reduced  
diameters,  
implants do  
fracture







Restoration  
Simple





Immediate Loading & Restoration

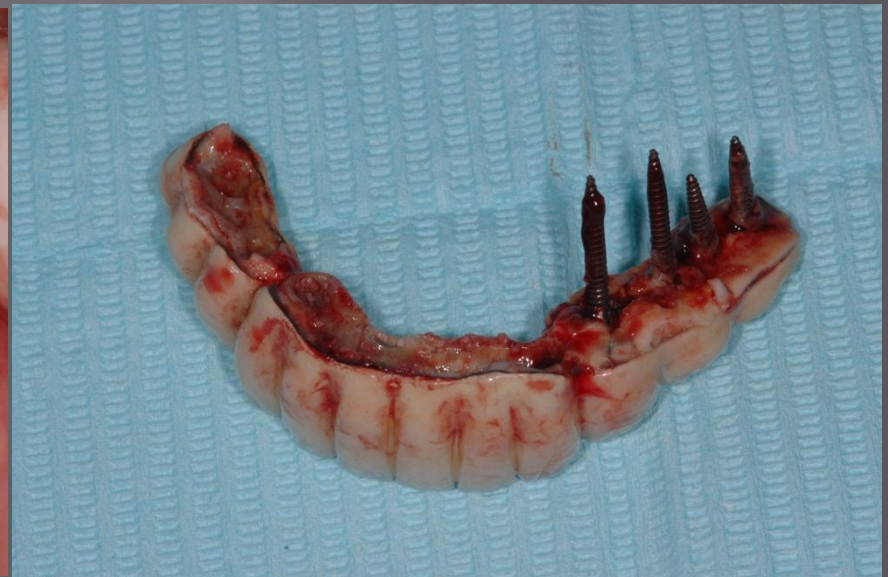
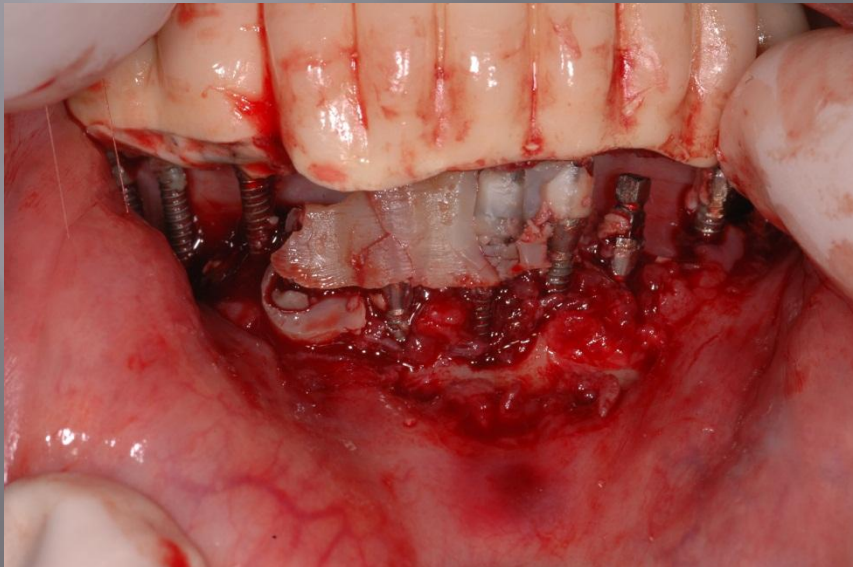


# Immediate Restorations

Removed after 18 months



# Immediate loading and restoration



Due to lack of clinical data regarding implants less than 2.5 mm in diameter, these implants are NOT recommended for routine treatment of edentulism





“May all your teeth fall out except one – so you can have a toothache” Jewish curse

Thank you  
for your kind attention