

# The osteoporotic ankle fracture

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# Special considerations – geriatric population

**Bone quality**  
**Skin envelope**  
**Compliance**  
**Functional demands**



# Special considerations – geriatric population

**Bone quality**

**Skin envelope**

**Compliance**

**Functional demands**

Good → very poor

Fair → very fragile

Good → non existent

Active → walking indoors



**We have one shot – potential end result is amputation**



# 84-y.o. woman. Tripped over her cat

Type II diabetes

Non-smoker

Active



# Minimal invasive surgery



## Other potential solutions



“Temporary” tibiofibular arthrodesis



“Temporary” ankle arthrodesis

# Take home messages

## Assess

- Co-morbidities
- Skin- and bone quality
- Compliance

## One-chance surgery

- Use the good bone there is (tibia, fibular notch)
- Not mandatory to fix medial malleolus

