

Sometimes things go wrong

- And there is often an explanation of why, mostly not because of the patient.

Learning outcomes

- Realize that principles are there to be followed
- Recognize pitfalls when applying the right principles to wrong indications and vice versa
- Appreciate that complications often are a result of lack of planning, lack of knowledge, and sometimes lack of skill

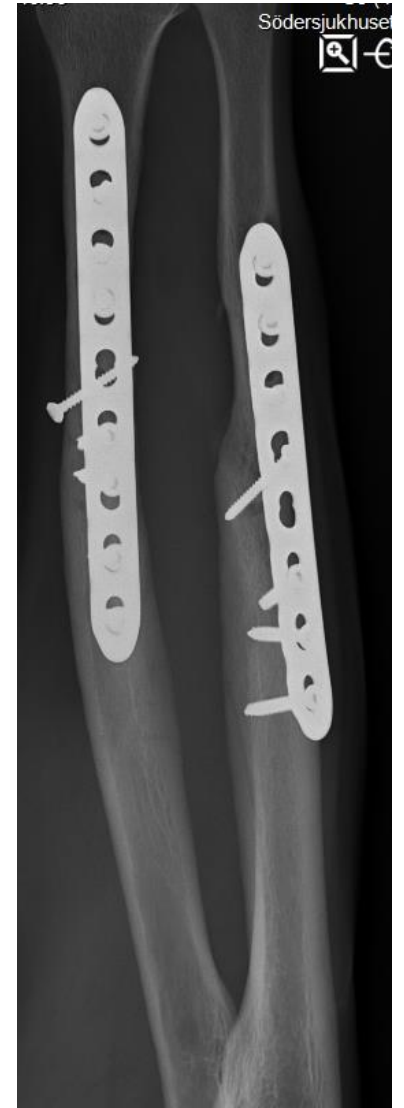
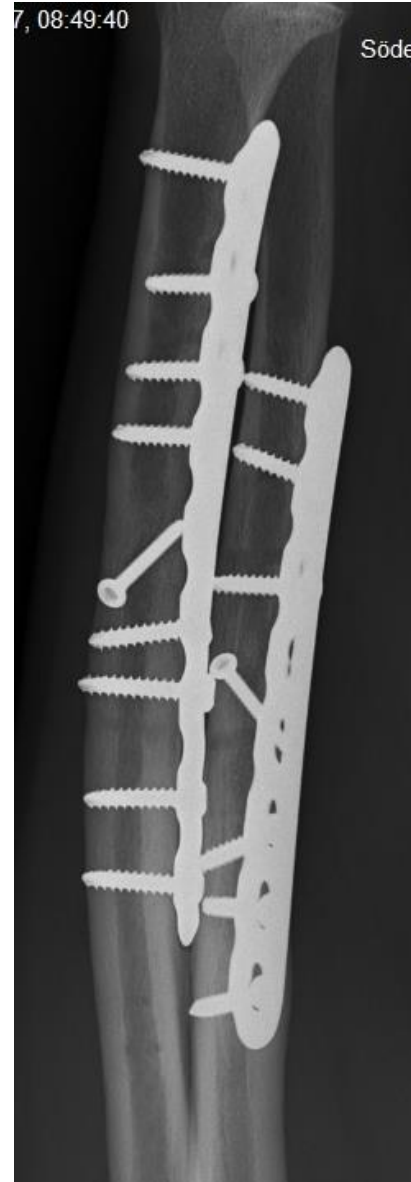
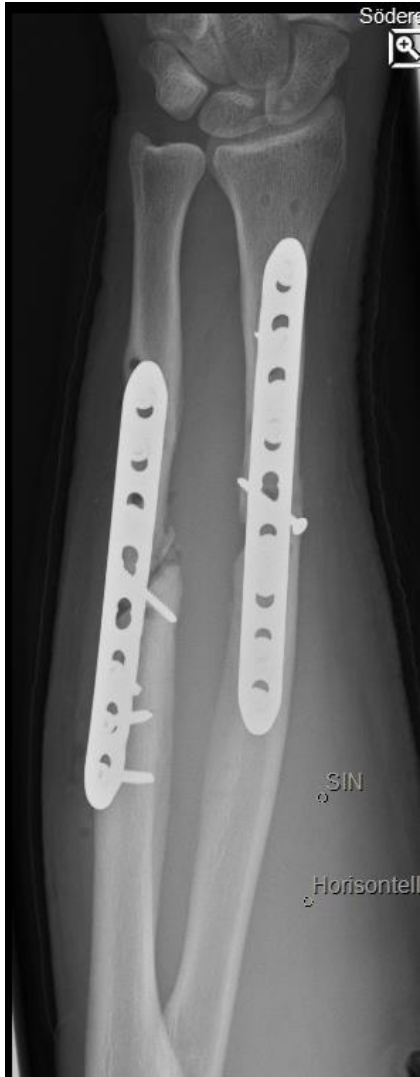


22-yr male competing
in Waterskiing.
Fractured during
Swedish
championship.
Surgery 6 wks ago
Referred to hand
surgeon due to partial
Ulnaris palsy.



2 months later.
Rotation still bad
in spite
physiotherapy.
Referred from
hand surgeon







Wrong implant



Revised because of
periprosthetic fracture one
year ago..
Now drunk and fell. Hip has
been working well.



What kind of stability?



Six months later.
Fistula needs
revision.
His only problem?





Stability

Soft tissues

Male 68, fell down stairs, Closed fx



Drinks one
bottle of wine
per day.
And maybe
some beers.
Smoker

Surgery two days later



Three monts later- Felt a crack while walking



Counteract dislocating forces



?



Lady 75 yrs. Fell at home. Healthy.





- Stability
- Locking screws in fx
- Kissing implants



Lady 45 yrs. Jumped from sailing boat



Postop

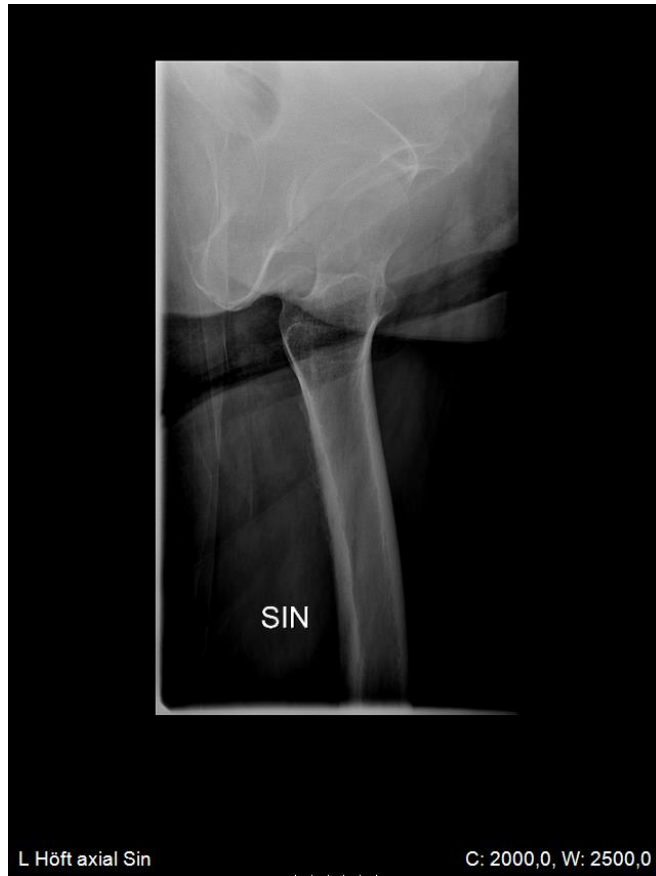




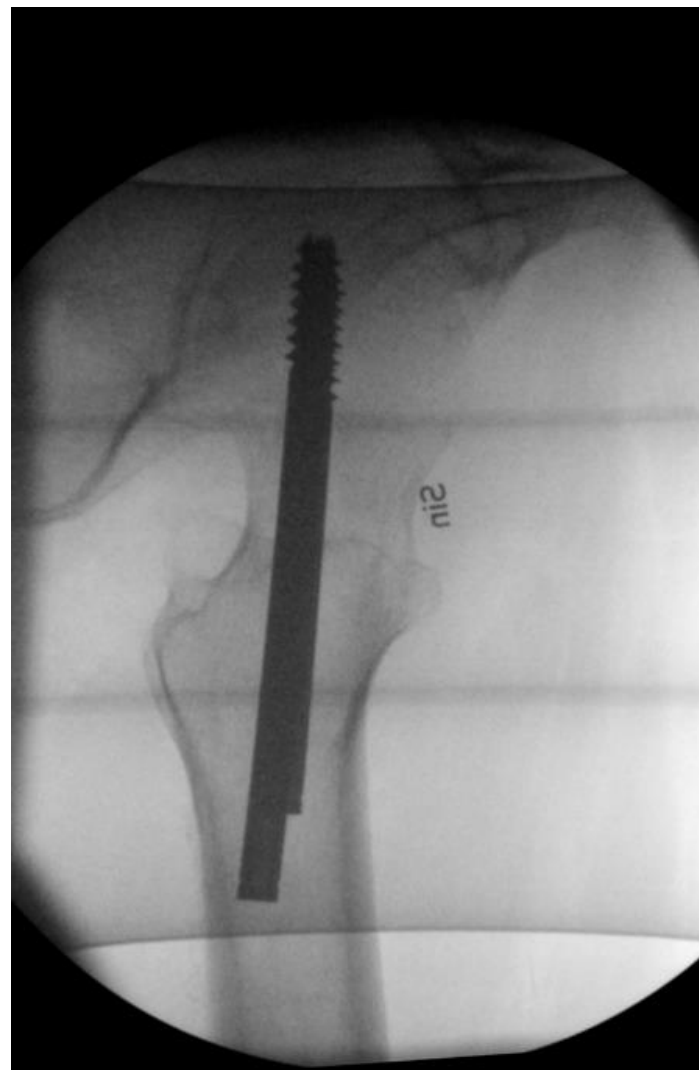
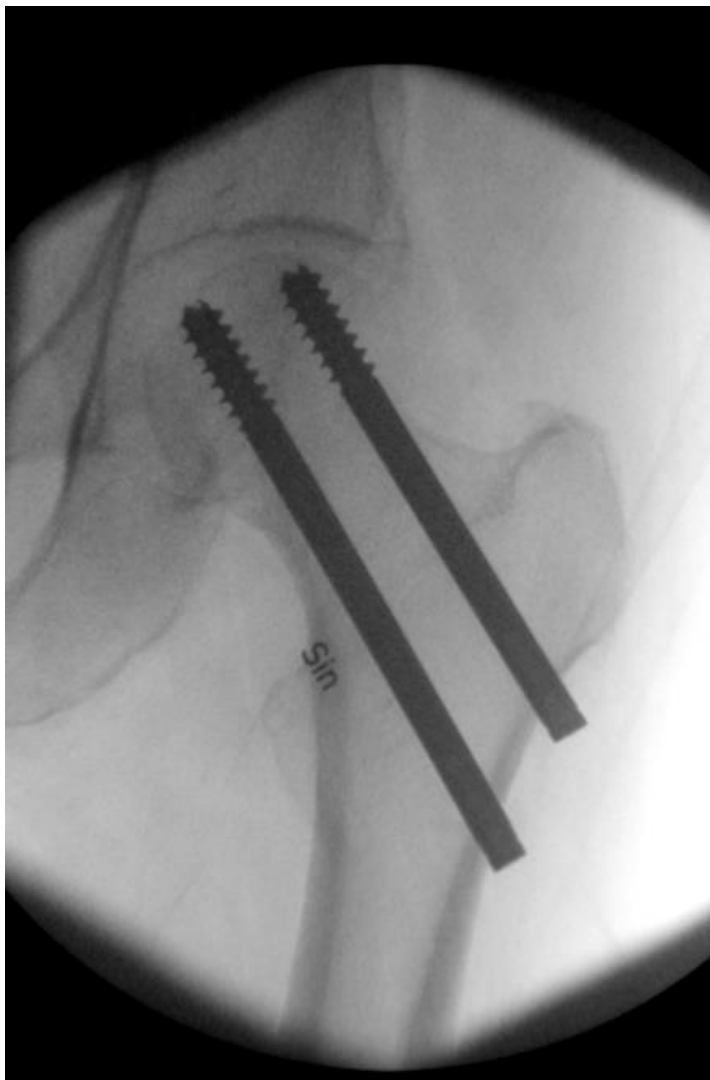
Absolute stability is not the same thing as strength!



Lady 80 yrs. Fell from stool.



Op within 24 hours



Presented two weeks later after having raised from a chair



Op. Day after.



Two months later.



Four months later. Infected.





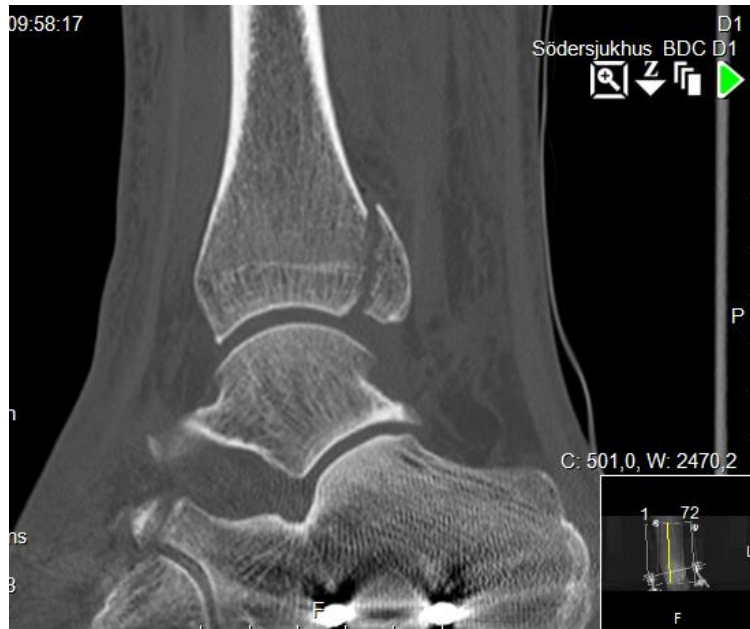
Reduction



Teacher 40 yrs. Hen party. Trauma mechanism unclear







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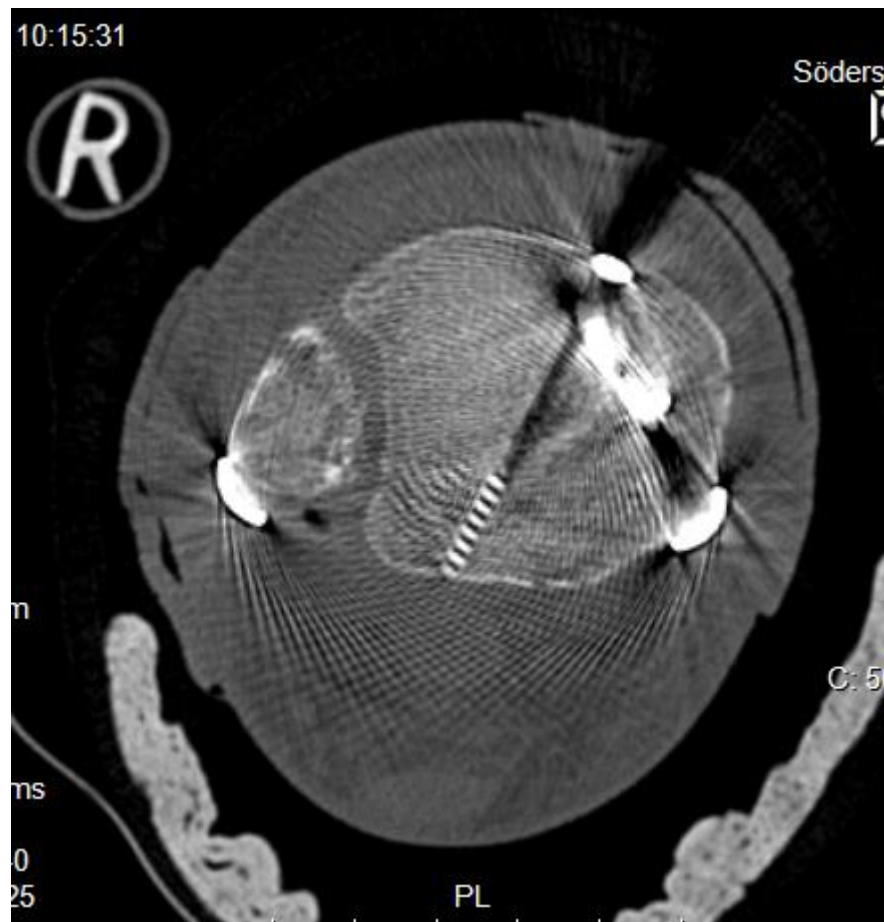


OP ORT
Södersjukhuset



6





Understanding the fracture

- Preop planning



Man, 84 yrs, got caught in a revolving door





Two months later

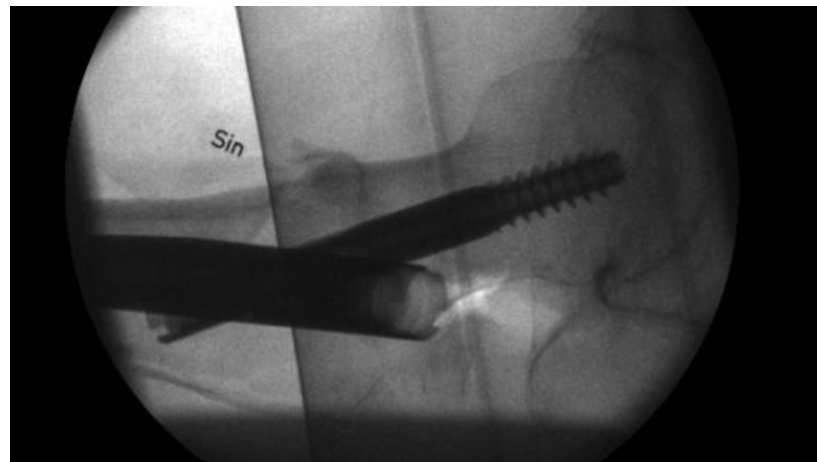


Principle



Woman, 61 yrs. Fell at home















79 yrs, woman. Fell on ice













- Principle
- Soft tissues

Source of error

- Stability
- Reduction
- Handling of soft tissues
- Implant
- Preoperative planning

Summary

- Most failures are avoidable and explainable
- Everybody makes mistakes—
Analyze why and don't repeat
- Preoperative planning will make
you avoid most mistakes and
makes you a better surgeon