

# A LESS INVASIVE TECHNIQUE WITH THE NEW DEVICE FOR DISTAL INTERLOCKING OF CANNULATED NAILS

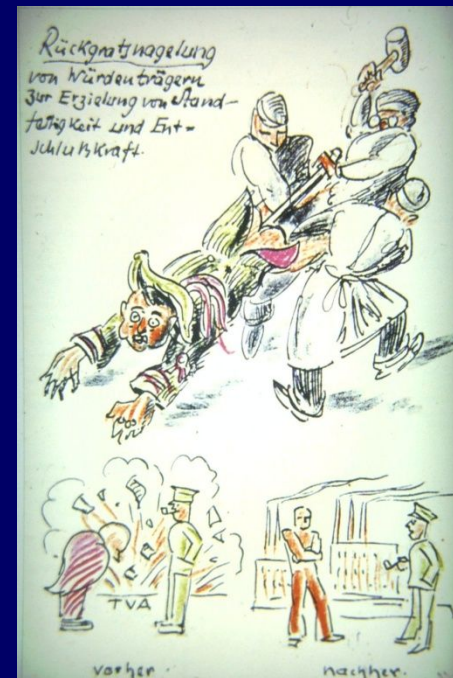
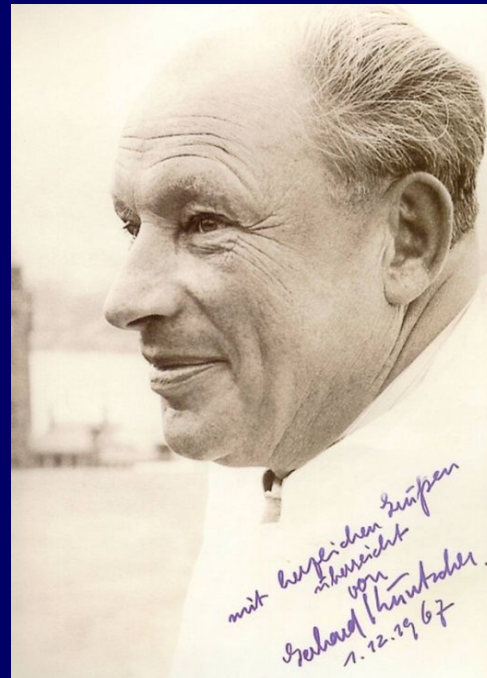
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# Intramedullary nails

- The golden standard for diaphyseal fractures
- Interlocking screws: the “more and more” diaphyseal region, better stability



Placement of interlocking screws is technically demanding and significant exposure to x-rays is necessary.



# To find a solution...



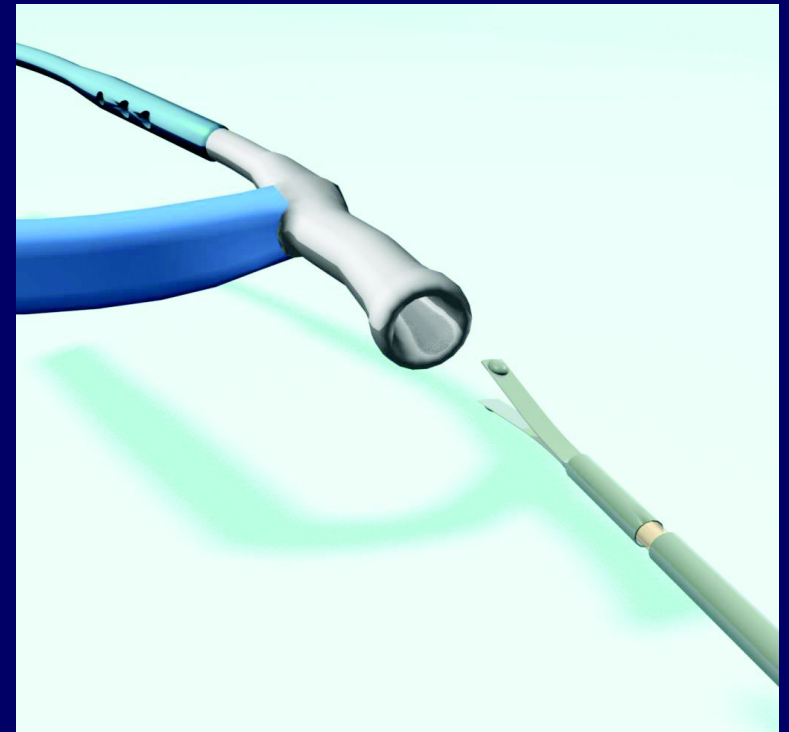
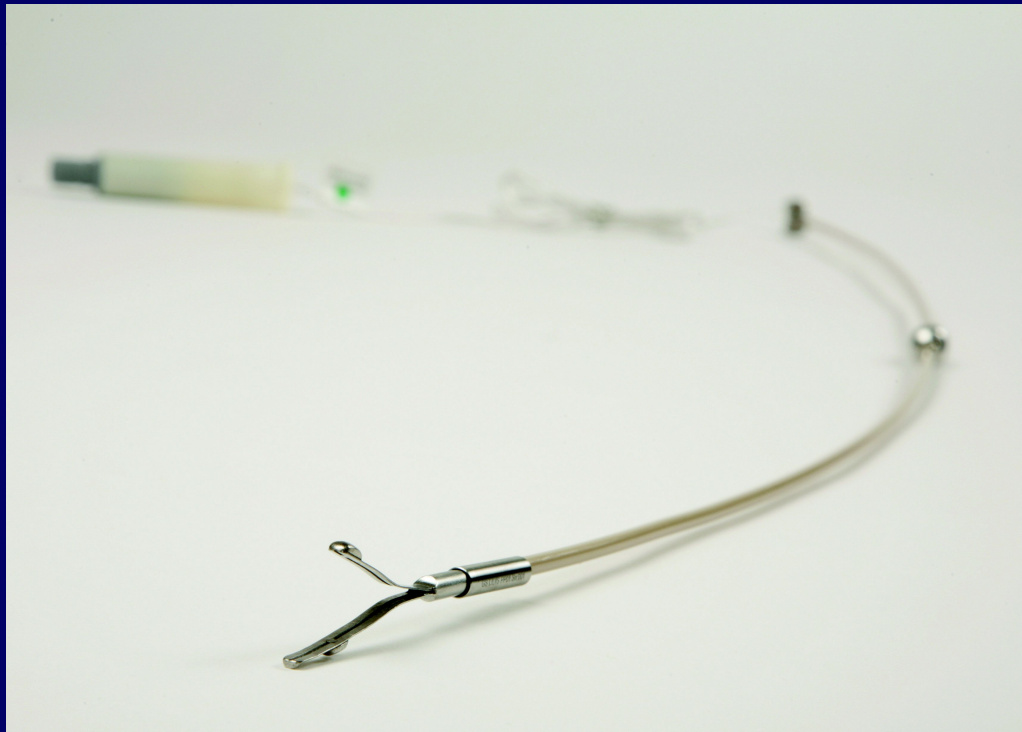
# LIDIS

## (Less Invasive Distal Interlocking System)

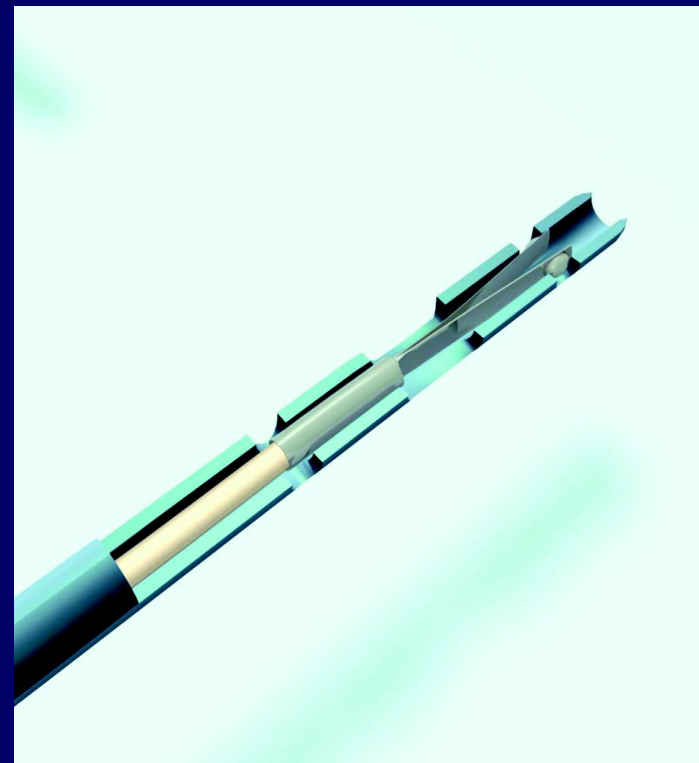
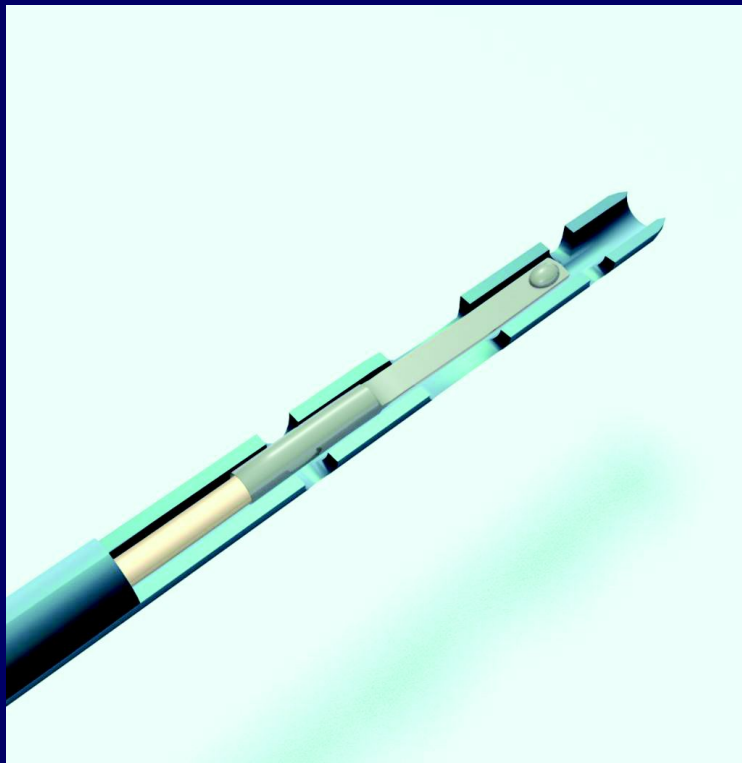
- placement of distal interlocking screws exactly on the proper position without any exposure to x-rays
- using the standard position and standard technique
- the 3"S" principle: Simple, Safe, Short



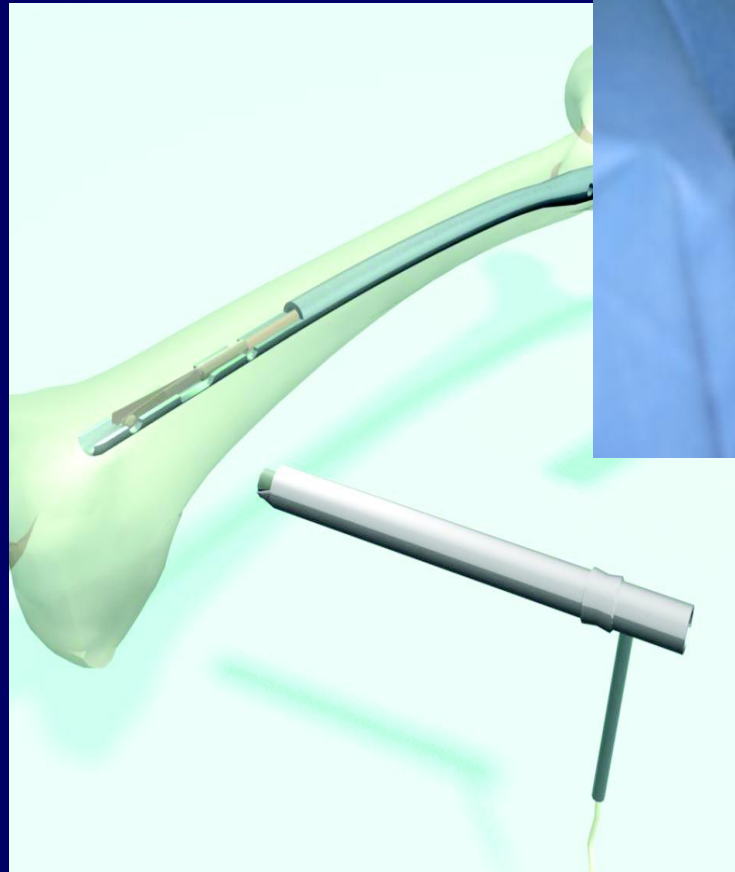
**1. INSERT:** the inner guidance with the navigational sensor is inserted into the nail



- the inner guidance is locked in the proper position, exactly on the distal hole for interlocking



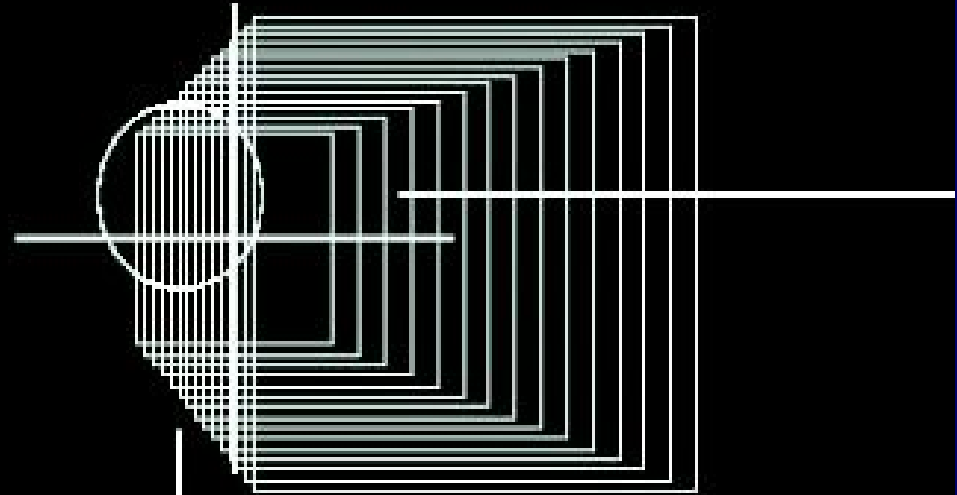
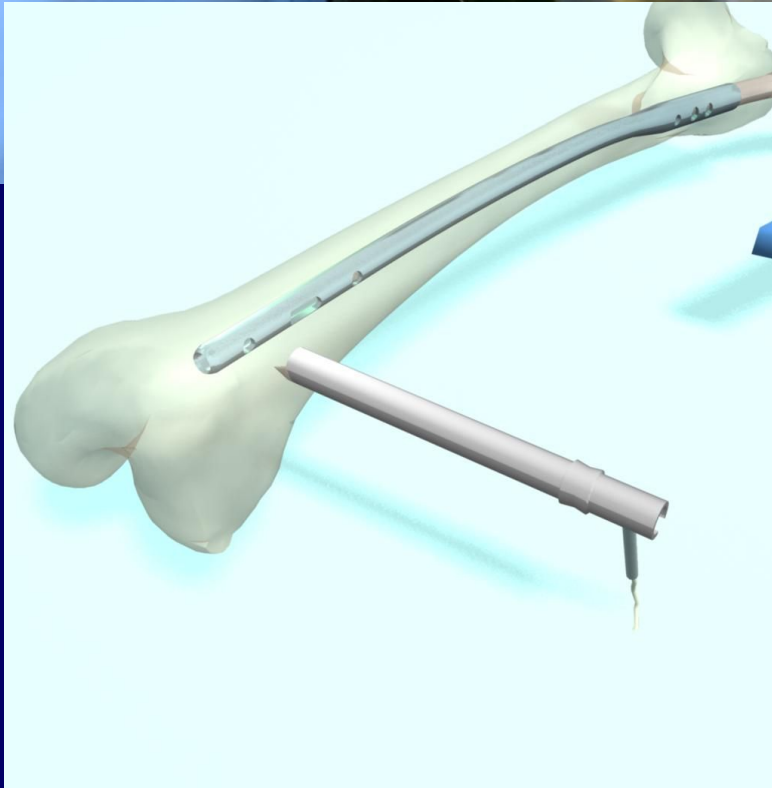
**2. LOCATE:** the external guidance with the navigational sensor helps to establish the proper position for drilling



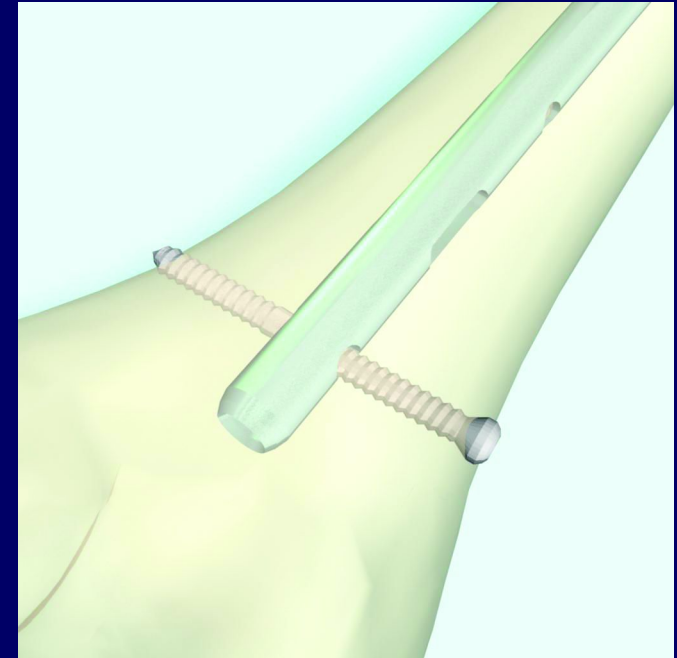
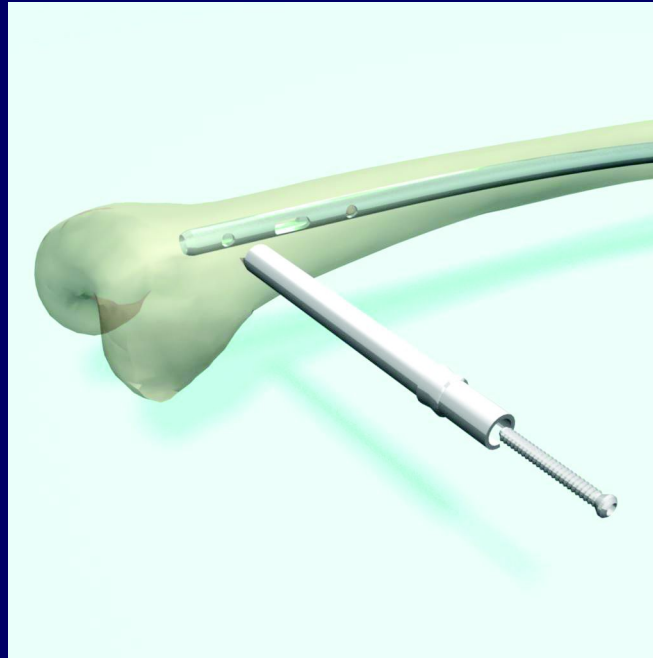
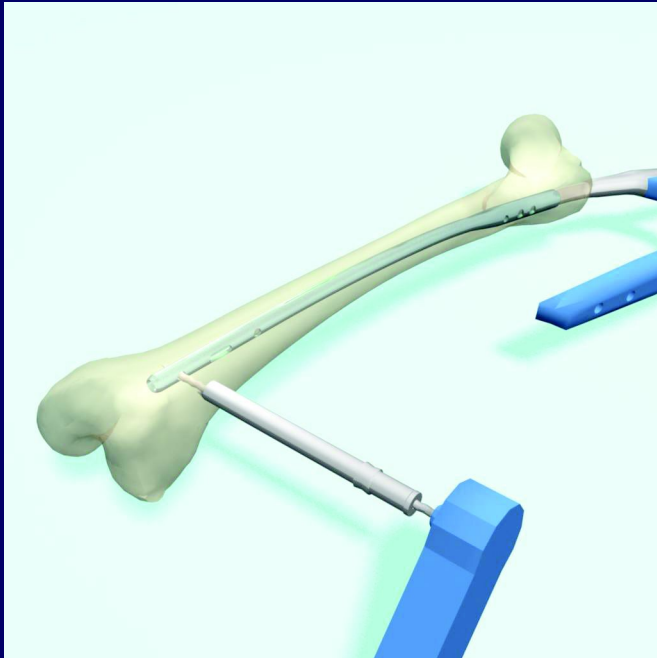


- the special transmitter of the navigational system, placed above the patient table, enables the position and orientation of both navigational sensors to be displayed on the PC monitor





### 3. DRILL: drill the hole and insert the screw



# CONCLUSION

- Accurate placement of distal interlocking screws (regardless of the nail distortion)
- Less X-ray exposure
- Simple, Safe and Short
- New nail designs with unlimited interlocking possibilities



# Thank you!

