

#### The Literature

Pincus D, Ravi B, Wasserstein D, Huang A, Paterson JM, Nathens AB, Kreder HJ, Jenkinson RJ, Wodchis WP. Association between wait time and 30-day mortality in adults undergoing hip fracture surgery. Jama. 2017 Nov 28;318(20):1994-2003.

Reindl R, Harvey EJ, Berry GK, Rahme E. Intramedullary versu:

#### Intertrochanteric Femur fracture

Tips & Tricks from ESTES Education in collaboration with the Skeletal trauma section

# **The Problem**

Non-operative Treatment is seldom warranted

# The Challenge

Reduction and entry point are still subject to controversies

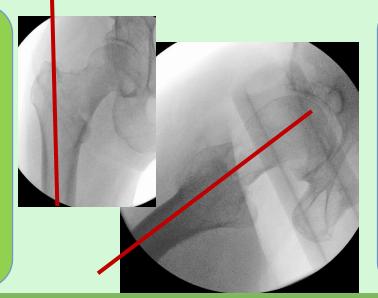
# **The Evidence**

- Overall 30 day mortality 7% in adults undergoing hip surgery
- Risk of complications and 30 day mortality increased when surgery is performed later than 24h of admission
- Routine evaluation of heart function is only recommended when new or worsening heart failures are present

# Tips & Tricks

Steps for closed reduction:

- Extension
- Adduction
- Internal rotation



Entry point of the wire should be in the extension of the femoral shaft in both ap and lateral view.

Aim a little medial to the tip as the nail has the tendency to shift laterally

# Conclusion

Patients benefit from early surgical treatment, entry point of the nail should be in-line with the femoral shaft in both ap and lat view.