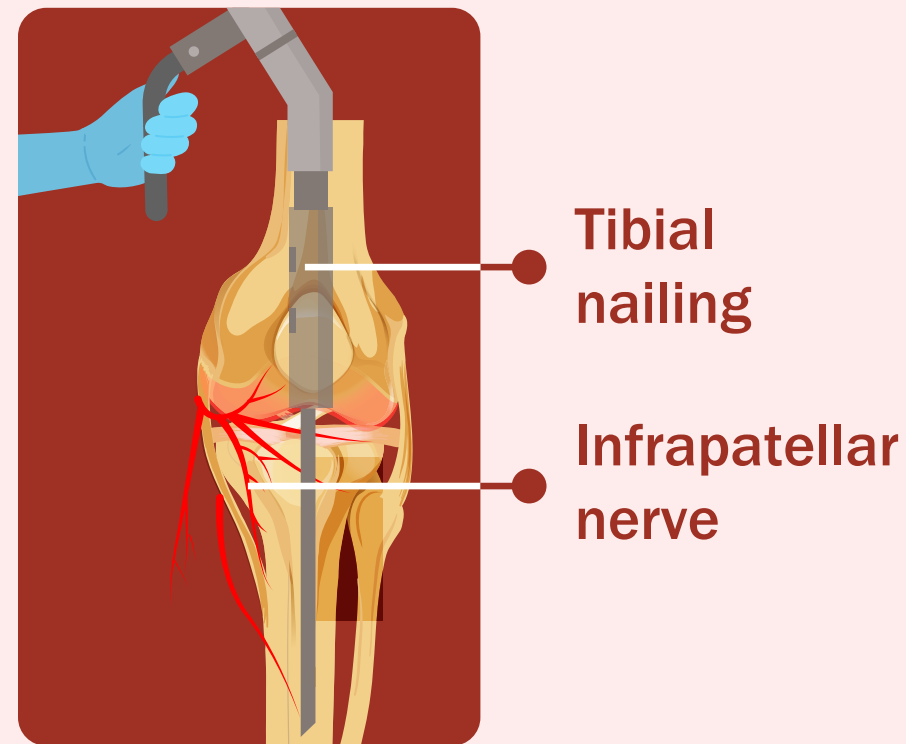
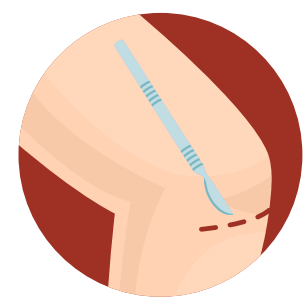


Comparing the Impact of Surgical Incisions on Anterior Knee Pain After Tibial Nailing

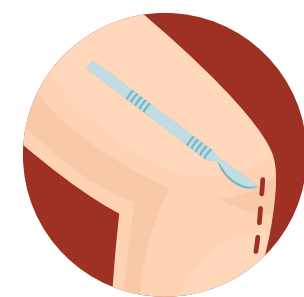
Anterior knee pain, a common complication after tibial nailing, may be caused by infrapatellar nerve injury



The TRAVEL study evaluated the effects of two surgical incisions used during tibial nailing



vs



Transverse incision (potentially spares infrapatellar nerve)
n = 68

Longitudinal incision
n = 68

Follow-up

12 months

Outcomes

- ✓ Kneeling pain scores
- ✓ Knee pain scores
- ✓ Costs
- ✓ Quality of life scores
- ✓ Functionality scores

Transverse incision

Results at 12 months

Longitudinal incision



While a transverse incision reduces infrapatellar nerve injury, both incisions result in comparable anterior knee pain and function

Effect of Transverse Versus Longitudinal Incisions on Anterior Knee Pain After Tibial Nailing (TRAVEL). A Multicenter Randomized Trial with 1-Year Follow-up

Leliveld et al. (2022) | DOI: 10.2106/JBJS.22.00389

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