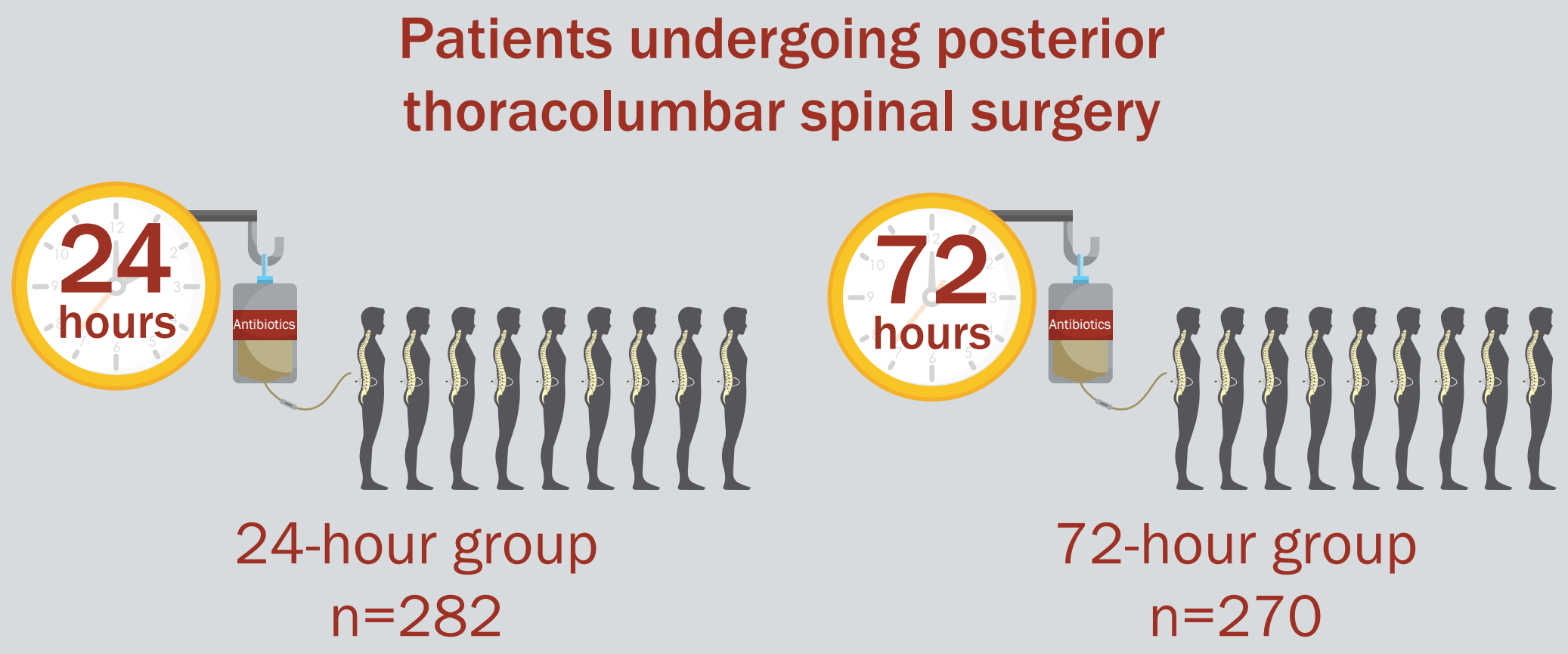


Is Prolonged Antibiotic Administration Beneficial for Patients Undergoing Spinal Surgery with Closed-Suction Drains?



Closed-suction drains increase surgical site infection rates

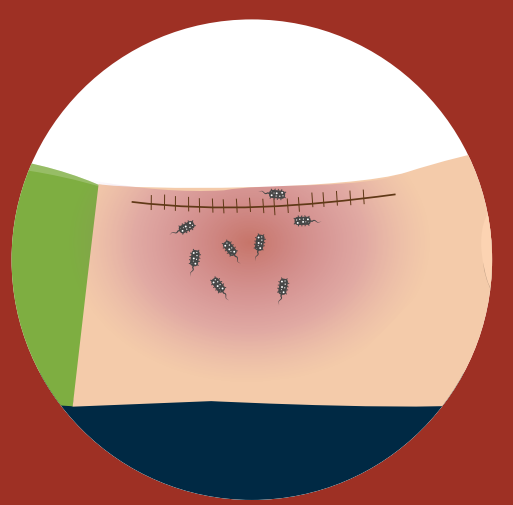
It is unclear whether extending antibiotics past the recommended 24 hours postoperatively is beneficial



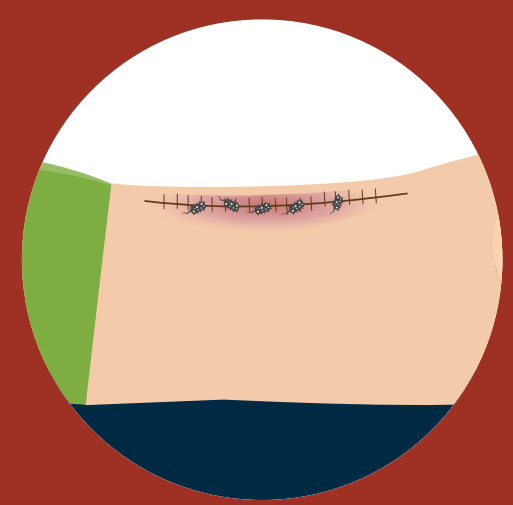
1 year

Infection rates, hospital stays, and outcomes in one year?

No significant differences in



Complicated



Superficial

Infection rates



Leg pain



Back pain



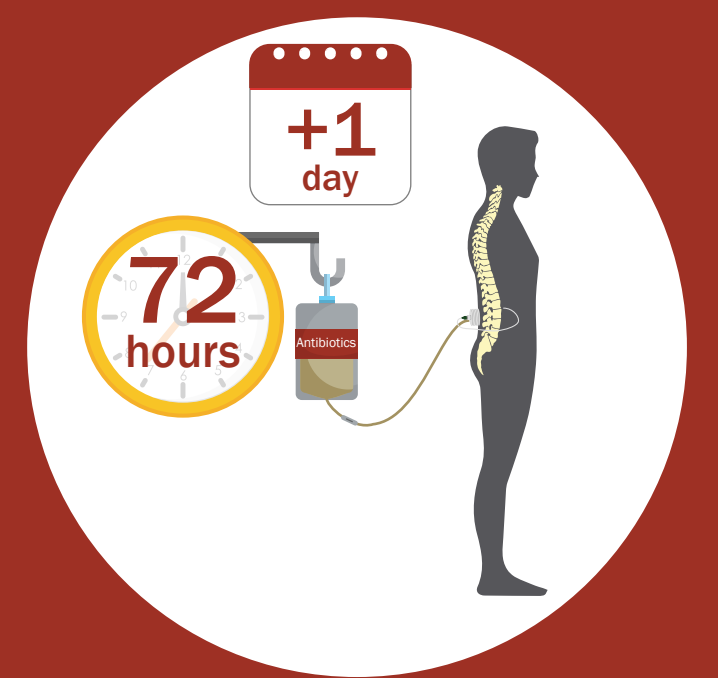
Physical function



Mental function

Outcomes at one year

Prolonged hospital stay



Extended use of antibiotics after spinal surgery with closed-suction drain has no benefits, but rather results in prolonged hospital stays

The Effect of Prolonged Postoperative Antibiotic Administration on the Rate of Infection in Patients Undergoing Posterior Spinal Surgery Requiring a Closed-Suction Drain: A Randomized Controlled Trial

Urquhart et al. (2019) DOI: 10.2106/JBJS.19.00009

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