

# Infections

- Treatment of Cystitis: NNT 2-3
- Drainage of Cutaneous Abscess: 86% complete resolution in 10 days.
- Topical treatments for Tinea Pedis: 70% total resolve (NNT 2-3)
- AOM in higher risk kids: NNT 3-4
  - High risk: more severe symptoms,  $\leq 2$  years, day-care, bilateral AOM, etc (no recovery).

J Infect. 2009 Feb;58(2):91-102. Singer AJ, Thode HC Jr. Emerg Med J. 2013 May 18. Rev Assoc Med Bras. 2012 May-Jun;58(3):308-18.

# Corticosteroid

- Acute Asthma and short courses of Oral steroids: NNT 10 for relapse at 7 days
- OA of the knee & Steroid Injections: NNT 2-4
  - Example: 74% better vs 45% better at 2 weeks.
- Chronic Rhinosinusitis & intranasal Steroid : NNT 5 for response for chronic rhinosinusitis.
- Rheumatoid arthritis flare & prednisone  $\leq 15\text{mg}$ : SMD of 1.75 for pain & 1.13 Joint tenderness

# Mental Health

- In Depression NNT (for better outcome):
  - 16 in mild to Moderate (Ham D  $\leq 18$ )
  - 11 in severe, (Ham D 19-22)
  - 4 in very severe (Ham D  $\geq 23$ )
- Antipsychotic augmenting antidepressants:
  - Response NNT 7-12 and remission NNT 7-12.

# Pain

- Headache Prevention:
  - TCA NNT 8 (all headaches)
  - Propranolol: 4 (just migraine)
- Neuropathic (moderate or  $\geq 50\%$  pain relief)
  - TCA 3-4 & gabapentin 6-8 .
- Back Pain:
  - Muscle relaxants NNT 6 or NSAIDs NNT 8

Tools for Practice, Sept 6 & 19, 2011 *Cochrane* 2011; 3: CD005452. *Cochrane* 2007; 4: CD005454. *Ann Intern Med.* 2007;146:116-127. *Cochrane* 2008; 1: CD000396