**Indications for Surgery**

- Pain, gas/bloating, etc.
- Gallstones
- Abnormal HIDA scan
- Jaundice
- Cholangitis
- Perforation
- Fistula (communication between gallbladder and intestine)
- Pancreatitis
- Cancer

**Complications & Risks 3-5%**

**General**

- Blood clots (DVT/PE)
- Pneumonia
- Heart attack
- Stroke
- Bleeding
- Infection

**Specific**

- Potential to convert from laparoscopic (5-10% national, 1.2% UTSA)
- Bile leak
- Retained CBD stone
- Duct injury 0.2-0.6% (national)
- Injury to intra-abdominal structures eg. bowels/vessels
- Exploration not as good with a scope
- Hernia

**Alternatives & Post Op Expectations**

- Medical: diet, analgesics
- Surgery
  - May have diarrhea with fatty/greasy foods
  - Laparoscopic
    - Usually same day surgery
    - Light activity for 2-3 weeks
  - Open
    - Hospital 3-5 days
    - Activity restricted six weeks