Sciatic Hernia: Among other things

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Case presentation

Patient is 70 yof who presented with one day history of worsening left upper and lower abdominal pain that radiated to the back.

PMHx: HTN, Hep C MELD 6, Cirrhosis, gastrinoma, asthma, GERD

PSHx: cholecystectomy, thyroidectomy, gastrinoma resection

Meds: Lasix, synthroid, nadolol, aldactone
Case presentation

Exam
- Abdomen s, nt, nd
- Enlargement of left gluteus, ttp, no skin changes
- MSK unable to ambulate due to pain

Labs
- 137/101/22/17/0.91/186
- 7.2>12.3/39.7<101
- LA 1.3
Case presentation
Case presentation
Case presentation

Exploratory laparotomy, small bowel resection, repair of sciatic hernia with mesh
Post Op Course

POD 1 – Pigtail placement, bowel function

POD 3-5
- Diuresis
- Diet
- CT removed

POD 6
- DC home
Sciatic Hernia

Protrusion into greater and lesser sciatic foramina
Adult females with chronic pelvic pain
Etiology: unknown
Symptoms

Obstruction
Lower back pain
Ureteral obstruction
Workup

Must have high suspicion

CTAP
Anatomy
Anatomy
Treatment

Surgery
- Open
  - Trans-gluteal
  - transabdominal
- Laparoscopic
Outcomes

No data
MESH

Mesh Repair Vs Non-Mesh repair... meta-analysis
- 232 papers narrowed to 9
- Outcomes
  - Surgical site infection
  - recurrence
MESH

Results of prosthetic mesh repair in emergency management of acutely incarcerated and/or strangulated groin hernias: a 10 year study

- Prospective
- 234 patients
- Wound infection 6%, mesh infection in 0.5%
Conclusion

Sciatic hernias are rare

Mesh can be used even when resecting bowel if you have good patient selection
References


Bessa, SS. Abdel-fatth, Al-says, Korayem. Results of prostehteic mesh repair in emergency management of acutely incarcerated and/or strangulated groin hernias: a 10 year study. Hernia 2015 909-14


Questions?
Name that hernia
Name the hernia
Name that hernia
Question

Grynfeltt hernia    Intramural hernia
Spigelian hernia    Howship-Romberg
Obturator hernia    Lumbar area