RESULTS OF A PROSPECTIVE CLINICAL PATHWAY TO EXPEDITE CARE IN PEDIATRIC TESTICULAR TORSION

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PURPOSE:

Perform a quality improvement project to establish an expedited pathway for ultrasound reporting in boys with testicular torsion

METHODS:

• Prospective cohort study
• Boys less than 19 years of age
• Acute scrotal pain < 3 days in duration
• Primary outcome measure was time from ED registration to operating room
• Historical controls from prior 12 months served as comparison group
RESULTS:

Patients Screened
n = 231

Met Inclusion Criteria
n = 151

Testicular Torsion
n = 21

Other Dxs.
n = 130

CONCLUSIONS:

A prospective protocol in a pediatric ED setting that notifies Urology attending with positive ultrasound findings for testicular torsion resulted in quicker operative intervention.

No patients with acute onset of pain less than 4 hours required orchiectomy.