

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

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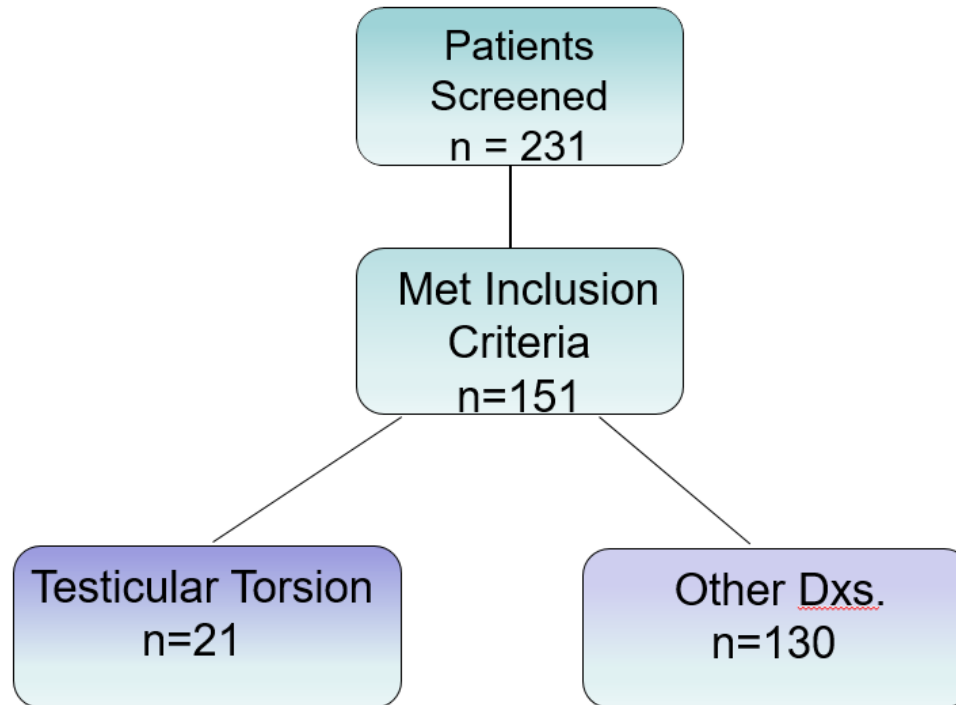
## PURPOSE:

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:



Results			
	Study Group (n=21)	Historical Control (n=29)	P-Value
Mean Age (years)	14.0	14.5	<b>NS</b>
Mean Time to OR (min.)	170	191	<0.01
	<b>20 MINUTES FASTER TO OR</b>		

## 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**