

Clinical Practice Guideline for Management of Testicular Torsion In the Emergency Department

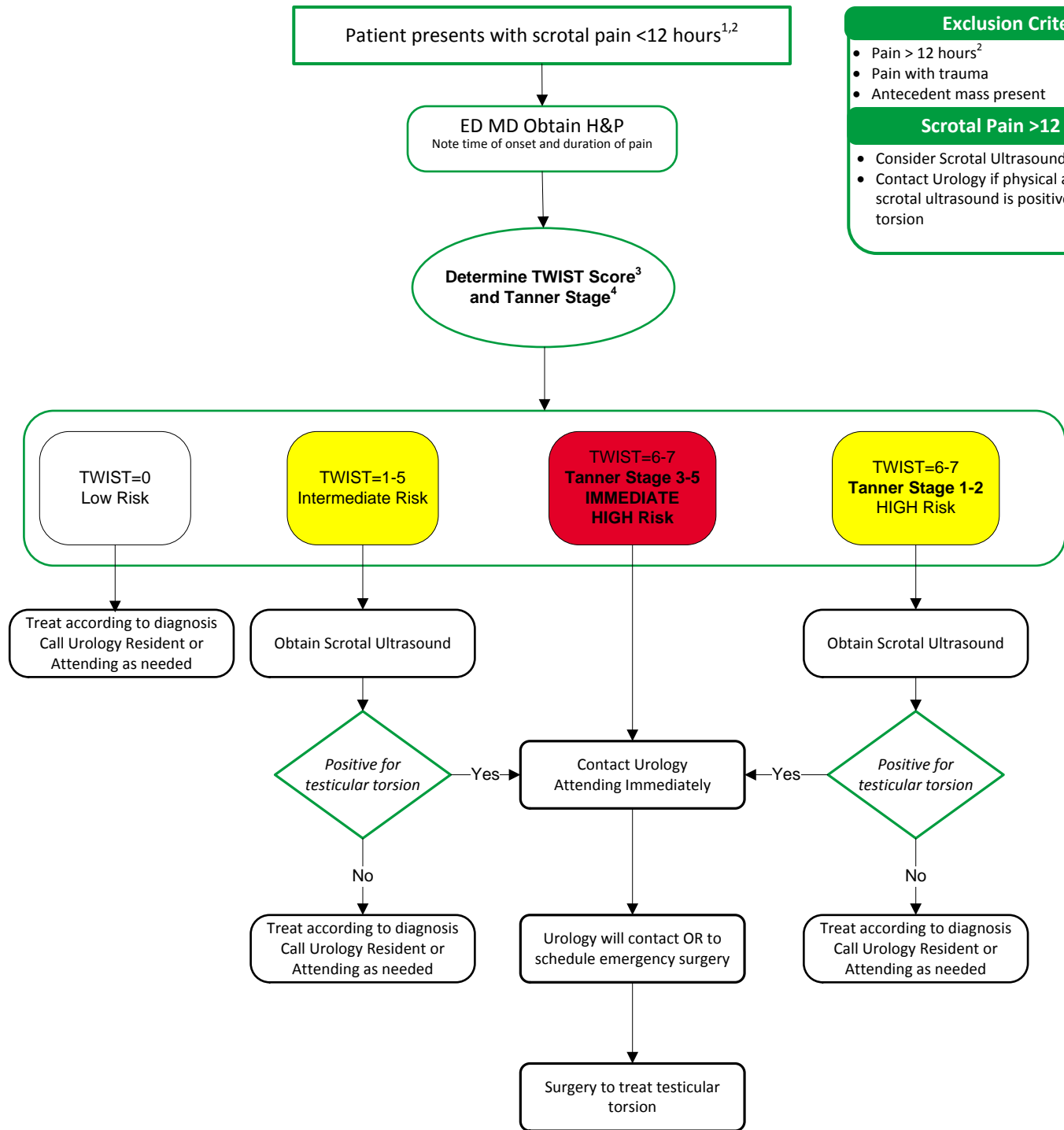
Final 2.7.17



0 min

Suggested Timeline

120 min



Exclusion Criteria¹

- Pain > 12 hours²
- Pain with trauma
- Antecedent mass present

Scrotal Pain >12 hours²

- Consider Scrotal Ultrasound
- Contact Urology if physical assessment and/or scrotal ultrasound is positive for testicular torsion

TWIST Score³

Symptom	TWIST Points
Swelling	2
Hard Testicle	2
Absent Cremasteric Reflex	1
Nausea and/or Vomiting	1
High Riding Testis	1

Tanner Stage⁴

Tanner Stage	Pubic Hair	Genitals
I	No pubic hair at all – typically ≤10 years old	Prepubescent (testicular volume <1.5mL; small penis of ≤3cm) – typically ≤9 years old
II	Small amount of long, downy hair with slight pigmentation at the base of the penis and scrotum – 10-11.5 years old	Testicular volume 1.6-6mL; skin on scrotum thins, reddens and enlarges; penis length ≤3cm – 9-11 years old
III	Hair becomes more coarse and curly and begins to extend laterally – 11.5-13 years old	Testicular volume 6-12mL; scrotum enlarges further; penis begins to lengthen to about 6cm – 11-12.5 years old
IV	Adult-like hair quality, extending across pubis but sparing medial thighs – 13-15 years old	Testicular volume 12-20mL; scrotum enlarges further and darkens; penis increases in length to 10cm and circumference – 12.5-14 years old
V	Hair extends to medial surface of thighs – 15+ years old	Testicular volume >20mL; adult scrotum and penis of 15cm in length – 14+ years old