

Clinical presentation

- Abrupt onset of severe testicular or scrotal pain
- Inguinal or lower abdominal pain
- 90% nausea and vomiting
- Awaken with scrotal pain in the middle of the night or in the morning
- Absent cremasteric reflex, <6months?</p>
- Prehn sign is not a reliable

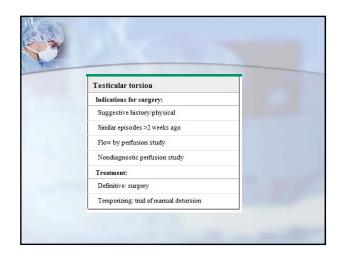
Intermittent torsion Acute and intermittent sharp testicular pain and scrotal swelling, with rapid resolution and long intervals without symptoms.

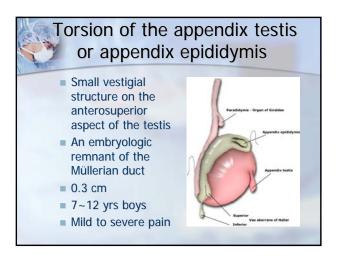
Diagnosis

Clinically

 Radiologic evaluation :
 1. color Doppler ultrasound sensitivity 65~100%
 specificity 77~100%
 2. nuclear scan sensitivity 100%
 specificity 97%







Clinical presentation

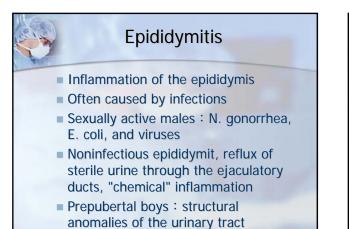
- Sudden onset, like the pain of testicular torsion
- Nontender testicle and a tender localized mass that is palpable, usually at the superior or inferior pole
- Blood flow to the affected testis is normal or increased

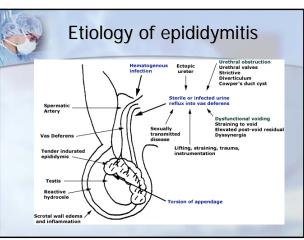






Torsion of appe	ndage	
Admission criteri	a:	
Doubt diagnosis	(study)	
Severe pain		
Pain refractory to	trial of analgesics and conservative management	
Treatment:		
Analgesics		
Rest		





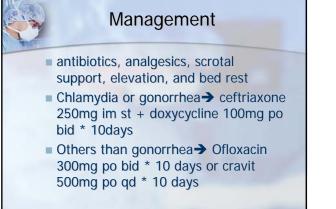
Clinical presentation

Acute or subacute onset of pain and swelling isolated to the epididymis

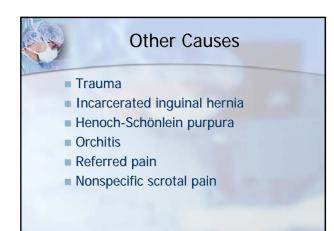
- Testis : normal vertical lie
- Normal cremasteric reflex
- Prehn sign (not a reliable marker)
- Leukocytosis and pyuria?
- Only 15% of those with epididymitis had a positive urinalysis

Diagnosis

- Clinically
- Doppler ultrasonography or nuclear scan : increased blood flow
- Gram-stained smear and culture
- Nucleic acid amplification tests for N. gonorrhea and C. trachomatis
- Urine culture
- Syphilis and HIV testing



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1	Acute epididymitis	
43	Admission criteria:	-
	Doubt diagnosis (surgery)	
	Severe pain	
	Immunocompromised	
	Not tolerating PO/noncompliant	
	Treatment:	
	Children:	
	If pyuria >3 WBC/hpf or positive culture, or if underlying GU abnormality:	
	Antibiotic course against coliforms*	
	If no pyuria and negative culture:	
	Antibiotics not required	
	Extensive evaluation not required	
	Sexually active adolescents:	
	Heterosexual: empiric antibiotics (chlamydia, GC)-	



	Testicalar torsina	Torsion of appendage	Acate epididyart
Enterical Senteres			
Peliziden	Peinned and puberty	Repuberial	System and postpathental
Onort of pairs	Unably subles	Usually making	Couly patul
Dustion of pain	Coully (Chose)	Coulty>Choses	Croady>04 hours
Perinus episades	Typed	Ununal	Fpretirus episode
Nazori and vomiting	Cremie	Uncommunity	Uscennes
Teray	Germal	Countal	Comman
Henry of bases	Occasional	Unumal	Unural
Dysaria er discharge	lat	ke	Common
Physical Ballage			
Suggestive Sodings	348-dapper	Palpable codule "Blue dor"	Sate
Comasteric order	Usually absent	Usually present	Usually present
Tesdeness	Testindariantially, then diffuse	Appendage antidity, then testin	Epidolymic antially, then diffuse
Scoul stythena at edena	Circanies >12 harget	Common 312 hours	Common >12 hours
Laboratory texts			
Pyunis	United	Unurul	Common
Positive steam or callula	29	34	Offee
Leukorytesis	Common	Cecessian	Comm
Perfective studies			
Color Dopples	Depart	Normal or morecord	Senal or normed
Radomráde	Decrement	Normal or increased	Sonal aciscowood

TABLE The patients all had testicular torsion,										
	but how helpful were the exam findings?									
PHYSICAL FINDING	SENSITIVITY (95% CI)	SPECIFICITY (95% CI)	LR+ (95% CI)	LR- (95% CI)						
Absent cremasteric reflex	96% (73%-100%)	88% (79%-93%)	7.9 (4.3-14.5)	0.04 (0.003-0.62)						
Tender testicle	96% (73%-100%)	38% (28%-49%)	1.6 (1.3-1.9)	0.09 (0.006-1.46						
Abnormal testicular lie	46% (24%-70%)	99% (94%-100%)	72 (4-1215)	0.54 (0.33-0.88)						
Tender epididymitis	23% (1%-50%)	20% (12%-30%)	0.29 (0.11-0.78)	3.95 (2.29-6.8)						
Isolated tenderness (superior pole of testis)	4% (0%-27%)	83% (73%-90%)	0.21 (0.01-3.28)	1.17 (1.01-1.35)						

