

Presented by:
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0:00 Introduction

0:26 Learning Objectives:

1. Show Hip and Thigh Cases which have unexpected final diagnosis.
 2. Be able to interpret radiographic images of hip and thigh
- I have nothing to disclose

0:55 What's the diagnosis?

2:12 24 YO Graduate Student in exercise physiology

- C/O Left groin pain for 6 months
- He states "he has an osteoid osteoma"

2:41 Osteoid osteoma

4:44 He was Right! Listen to your Patients.

4:54 Tumors of Bone (Spjut HJ, Dorfman HD, Fechner RD, and Ackerman LV, Tumors of Bone and Cartilage. In Atlas of Tumor Pathology. Second Series, Fascicle 5 1970.)

7:29 Cases I Have Treated

Myositis ossificans

8:26 17 YO High School Junior

- Developed thigh compartment syndrome after helmet to thigh contact injury in football game
- Underwent emergency fascial release
- Did well post-op, not allowed to return to play that season
- Sought another opinion and orthopaedist cleared him to play
- Communication to the coach by me worked and athlete did not play that season

10:51 Family practitioner

- Training for 10K July 4th run
- Significantly increased his mileage over a 2-week period
- C/O Right groin pain

11:32 Right hip femoral neck fracture in runner

12:18 5 days post injury

12:46 6 days post injury

12:59 2 months post injury

13:36 3 months post injury

13:57 4 months post injury

14:19 Baseball catcher

- C/O groin tightness
- Myositis ossificans adductor

15:34 9 YO Male Football Player

16:30 ER Physician

- Posterior Left hip dislocation
- R/O Salter fracture proximal femur

Accurate Diagnosis

- Initial diagnosis: testicular torsion
- Why? Patient in a lot of pain and unable to move, kept hip in Adducted position

17:18 Initial films

17:41 Post reduction

17:58 Reducing Posterior Hip Dislocation Video

19:49 13 YO WM

- C/O Knee Pain x 18 months
- Pain on ROM
- Hip Radiating to Knee

20:20 ROM and Gait Video

22:30 SCFE

Moves Posterior First

Check Lateral View

23:01 Appearance and Closure of Secondary Ossification Centers – LOWER EXTREMITY

25:28 15 YO ASIS Avulsion

Fracture – Sartorius 2 months

25:56 AIIS Avulsion Fracture – Rectus Femoris

26:27 13 YO Baseball player

- Stretching in gym

- Felt right groin pain after running to first Ischial Tuberosity Apophyseal Avulsion – Hamstring

26:49 14 Y0 Soccer Athlete

27:04 Snapping Hip Syndrome

External:

- Iliotibial band on greater trochanter
- Most common

Internal – coxa saltans

- Iliopsoas tendon on anterior capsule
- Ballet dancer

28:10 Remember rheumatologic and infectious diseases as a cause of hip pain

- Juvenile Rheumatoid Arthritis
- Juvenile Psoriatic Arthritis
- Septic Arthritis
- Gonorrhea
- MRSA
- Staphylococcus Aureus
- Streptococcus

Thanks to Dr. Karl Fields for JPA cases.

28:45 Juvenile Psoriatic Arthritis A Presenting as Hip Pain

- 14-year-old girl with JPA
- Complaining of long-standing left hip pain which has worsened over previous three months
- Strong family history of psoriasis

28:28 Coronal STIR & Post Gadolinium T1 Fat Sat

29:27 The End