Evaluation of a Young Child With Joint Effusion

Direct Line to PSV Subspecialists: 703.778.1234

Extent of Workup is Determined by Duration of Symptoms

- Swollen Knee
  - Duration < 6 weeks
    - Traumatic Infectious
  - Duration > 6 weeks
    - Autoimmune Malignancy Lyme Arthritis

Consideration for Serological Testing:

Should you order a Rheumatoid Factor or Cyclic Citrullinated Peptide?
No! less than 10% of children with POLYarticular JIA have a positive RF or CCP

Should you order an ANA?
20% of the population has a positive ANA in absence of rheumatic disease

Three reasons to order an ANA:
1. In a child with suspected lupus based on objective signs/symptoms and baseline labs
2. In a child with JIA to assess uveitis risk
3. In a child with Raynauds to assess if Raynauds is primary or secondary

Ophthalmology Screening Recommendations for Children with JIA

| Positive ANA and under 7 yo at onset of JIA | Every 3 months for 4 years Every 6 months for 3 years, then yearly |
| Negative ANA or over 7yo at onset of JIA | Every 6 months for 4 years, then yearly |

Red Flag Signs that JIA is Not JIA

- Systemic signs - Fevers, night sweats, weight loss, bloody stools
- Severe joint pain
- Bone pain
- Pain waking patient up at night
- No thrombocytosis despite elevated ESR
- Anemia of chronic disease