

Case Presentation Brucellosis Webinar

Your Diagnosis,

Please

By

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Case 1, your Diagnosis, Please

- An eight-year-old girl was admitted to pediatric ward with a history of leg/hip pain and fever since 7 days ago.
- Physical exam: T=37.4 (no significant fever during hospitalization was recorded, however frequent fever complaints was noted), Limping, Antalgic gait and position, Limitation of movement of right hip due to pain, mildly ill appearance, No hepatosplenomegaly or lymphadenopathy,
- Hx of left hip monoarthritis one month ago treated as septic arthritis, History of unpasteurized dairy product consumption and contact with sheep carcass, hx of frequent leg trauma during stepping in her 3 floor school.

Case 1, your Diagnosis, Please

- Hb:, WBC Count:, ESR:81, 48, CRP: 59, 12 BC:Negative multiplex PCR for bacteria and TB: negative
- Wright agg. Test:1/80, 1/80,2ME:negative,
- Coombs Wright test: not available, Widal test: O typhi:1/320, H Para B: 1/80
- Eliza test IgM (Neg:≤9- Positive ≥11): 18.1, IgG: 0.8
- Hip Sono:mild effusion,
- Pelvis X-ray:

Synovial Fluid Analysis

Test	Result	Unit
Color	Yellow	-
Appearance	Turbid	-
Glucose	63	mg/dl
Protein	5200	mg/dl
LDH	1776	mg/dl
Albumin	1100	mg/dl
RBC	290	micL
WBC	24000	micL
Poly	61	%
Lymph	39	%

