**Name of Illness script:** Acute monoarticular arthritis

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| Infectious arthritis | Acute infectious process | Acute onset  
Warm, red joint  
Effusion present  
Febrile & ill  
Single episode | Seeding of joint from puncture wound may be evident | Acute, monoarticular, painful, single episode |

**Problem representation for infectious arthritis:** Acute onset of monoarticular arthritis associated with fever and prostration.

| Gout | Acute, recurrent inflammatory process caused by monosodium urate crystal deposition in a joint | Acute onset  
Episodic  
Warm violaceous joint  
Effusion present  
Exquisitely painful  
Male > female  
Monosodium urate crystals found on aspirate | Acute ETOH ingestion in susceptible individuals  
Diet?  
Trauma, surgery | Acute, monoarticular |

**Problem representation for acute gouty arthritis:** Acute onset of a recurrent, exquisitely painful, monoarticular process

| Calcium pyrophosphate deposition disease (CPPD) Pseudogout | Acute, recurrent inflammatory process caused by calcium pyrophosphate crystal deposition in a joint | Acute onset  
Warm, red joint  
Effusion  
CPPD crystals found on aspirate | Trauma, surgery | Acute, may begin as monoarticular, but will involve multiple joints eventually |

**Problem representation for Pseudogout:** Acute onset of monoarticular joint pain

| OA | Non-inflammatory process of cartilage destruction caused by wear and tear | Chronic process although acute pain can occur  
Bony proliferation without heat, redness; small effusions can occur | Trauma (acute or chronic) | Chronic, decline in functioning; often polyarticular |

**Problem representation for OA:** Monoarticular onset without signs of inflammation