	Symptoms	Common organisms
Refusal to bear weig Pseudo-pa Frequency: Knee>h	ng, and/or tenderness ght or range extremity ıralysis in infants ip>ankle>elbow=shoulder	Staphylococcus aureus Beta-hemolytic Streptococci Haemophilus influenza a Kingella kingae
	present, obtain labs and calculate Kocher score / infections and tumors start with a history of "trauma"	
	Kocher Criteria for Septic Arthritis	Work-up: Kocher 2 or Higher
 Peripheral Risk for Score: 1 = 3 	t bearing	MUST obtain blood culture prior to antibiotics Joint aspirate as soon as feasible PREFERABLY prior to antibiotics Culture, gram stain, cell count with diff Plain x-ray MRI with contrast of region of suspicion Consult orthopedics Consult pediatrics Consult pediatric infectious diseases
	Medical Therapy	Surgical Treatment
Obtain IV access and blood culture Consult orthopedics and pediatrics IF SEPTIC SHOCK, <i>after</i> blood culture: • Normal saline bolus as appropriate (20 mL/kg, max 1000 mL) • Vancomycin 20 mg/kg • Ceftriaxone 100 mg/kg (2g maximum) If hemodynamically stable, HOLD antibiotics until aspirate or surgical cultures obtained		Early drainage of septic joint mandatory in all cases For osteomyelitis, directed sampling/drainage as directed by imaging studies and orthopedic service
		ibiotic Selection
	Preferred Therapy	Type I PCN allergy IV to PO Conversion Criteria
Empiric therapy*	Vancomycin dosing per pharmacy (15 mg/kg/dose q6h) PLUS Ceftriaxone 100 mg/kg/day q24h	Vancomycin dosing per pharmacy (15 mg/kg/day q6h)• Afebrile x48hPLUS• CRP <3 mg/dL
	Treatment	Duration and Follow-up
	Septic Arthritis	Osteomyelitis
 At 3 week visit: CBC, ESR, CRP and x-ray If evidence of osteomyelitis by x-ray or ESR >20 mm/hr or CRP >1 mg/dL, extend therapy to 6 weeks End of therapy: Stable x-ray, ESR <20mm/hr, CRP <1mg/dL 		 At 3 week visit: CBC, ESR, CRP At 6 week visit: CBC, ESR, CRP and x-ray End of therapy: Stable x-ray, ESR <20mm/hr, CRP <1mg/dL

*Selected to cover MRSA, MSSA, beta-hemolytic streptococci, Haemophilus influenza a, Kingella, and enteric GNRs