## **Septic Arthritis Diagnosis Criteria**

Patient information	
Patient's name:	
Age:	Date:
Kocher criteria	
Mark any of the following symptoms that the pediatric patient may have on first examination. Next, sum the number of positive criteria to obtain an overall score.	
☐ Fever higher than 101.3°F (38.5°C)	
☐ Erythrocyte sedimentation rate (ESR) above 40 millimeters per hour (mm/hour)	
☐ White blood cell (WBC) count greater than 12,000 cells/mm3	
☐ Inability to bear weight on the affected side.	
Total score:	
Interpretation	
<ul> <li>0: Meets none of the criteria, with a risk of septic arthritis below 0.2%.</li> <li>1: Meets one criterion, indicating a 3% risk of septic arthritis.</li> <li>2: Meets two criteria, suggesting a 40% risk of septic arthritis.</li> <li>3: Meets three criteria, presenting a 93.1% risk of septic arthritis.</li> <li>4: Meets all four criteria, with a nearly certain 99.6% risk of septic arthritis.</li> </ul>	
Additional notes	

Kocher, M. S., Mandiga, R., Zurakowski, D., Barnewolt, C., & Kasser, J. R. (2004). Validation of a clinical prediction rule for the differentiation between septic arthritis and transient synovitis of the hip in children. *The Journal of Bone and Joint Surgery-American Volume*, *86A*(8), 1629–1635.\_ <a href="https://doi.org/10.2106/00004623-200408000-00005">https://doi.org/10.2106/00004623-200408000-00005</a>

Kocher, M. S., Zurakowski, D., & Kasser, J. R.(1999). Differentiating between septic arthritis and transient synovitis of the hip in children. *The Journal of Bone & Joint Surgery*, *81*(12), 1662–1670. <a href="https://doi.org/10.2106/00004623-199912000-00002">https://doi.org/10.2106/00004623-199912000-00002</a>