

BÖLÜM

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# MUSKÜLOSKELETAL ENFEKSİYON VE ENFLAMASYONLAR

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**Vaka 1:** Juvenil İdiyopatik Artrit

**Vaka 2:** Septik artrit

**Vaka 3:** Transient (geçici) sinovit

**Vaka 4:** Osteomiyelit

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Sintigrafi incelemesi aseptik kaynamamış fraktürler ile osteomyelit ayrılmını yapabilir (27) .

USG'de subperiosteal koleksiyonlar tespit ve drene edilebilir.

## Tuzaklar

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MRG, osteomyelit tanısını koymak için son derece yüksek doğruluk oranına sahiptir, ancak enfeksiyöz sürece bitişik reaktif kemik iliği ödeminden ayırt etmede zorluk nedeniyle enfeksiyonun derecesini fazla tahmin etme eğilimindedir (28).

## Tedavi ve Yaklaşım

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Tedavide sıkılıkla uzun süreli antibiyotik kullanımı gerekmektedir. Ek olarak bazı vakalarda, debridman, nidus rezeksyonu, koleksiyon drenajı gereksinimi olabilir.

## KAYNAKÇA

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1. Kim KH, Kim DS. Juvenile idiopathic arthritis: Diagnosis and differential diagnosis. *Korean journal of pediatrics*. 2010;53(11):931-935.
2. Giancane G, Consolaro A, Lanni S, Davì S, Schiappapietra B, Ravelli A. Juvenile Idiopathic Arthritis. *Diagnosis and Treatment. Rheumatology and therapy*. 2016;3(2):187-207.
3. Petty RE, Southwood TR, Manners P, Baum J, Glass DN, Goldenberg J, et al. International League of Associations for Rheumatology classification of juvenile idiopathic arthritis: second revision, Edmonton, 2001. *The Journal of rheumatology*. 2004;31(2):390-392.
4. Sheybani EF, Khanna G, White AJ, Demertzis JL. Imaging of juvenile idiopathic arthritis: a multimodality approach. *Radiographics*. 2013;33(5):1253-1273.
5. Lamer S, Sebag GH. MRI and ultrasound in children with juvenile chronic arthritis. *European journal of radiology*. 2000;33(2):85-93.
6. Qing C, Lei Y, Ma L, Xie P, Deng H. A clinical study on the diagnosis of early rheumatoid arthritis using bone imaging with 99mTc-MDP. *Journal of biomedical engineering* 2008;25(5):1193-1196.
7. Pääkkönen M. Septic arthritis in children: diagnosis and treatment. *Pediatric health, medicine and therapeutics*. 2017;8:65-68.
8. Lalam RK, Cassar-Pullicino VN, Tins BJ. Magnetic resonance imaging of appendicular musculoskeletal infection. *Topics in magnetic resonance imaging : TMRI*. 2007;18(3):177-1791.
9. Ross JJ, Shamsuddin H. Sternoclavicular septic arthritis: review of 180 cases. *Medicine*. 2004;83(3):139-148.
10. Lin HM, Learch TJ, White EA, Gottsegen CJ. Emergency joint aspiration: a guide for radiologists on call. *Radiographics*. 2009;29(4):1139-1158.
11. Karchevsky M, Schweitzer ME, Morrison WB, Parellada JA. MRI findings of septic arthritis and associated osteomyelitis in adults. *AJR* 2004;182(1):119-122.
12. Graif M, Schweitzer ME, Deely D, Matteucci T. The septic versus nonseptic inflamed joint: MRI characteristics. *Skeletal radiology*. 1999;28(11):616-620.
13. Journeau P, Wein F, Popkov D, Philippe R, Haumont T, Lascombes P. Hip septic arthritis in children: assessment of treatment using needle aspiration/irrigation. *OTSR*. 2011;97(3):308-313.
14. Caird MS, Flynn JM, Leung YL, Millman JE, D'Italia JG, Dormans JP. Factors distinguishing septic arthritis from transient synovitis of the hip in children. A prospective study. *J Bone Joint Surg Am*. 2006;88(6):1251-1257.
15. Lenoir U, Slongo T, Aghayev E, Joeris A. Die Wertigkeit konventioneller Röntgenaufnahmen des Beckens für die Erkennung eines Morbus Perthes 3 Monate nach durchgemachter Coxitis fugax. *Klin Padiatr*. 2017;229(2):76-81

16. Miralles M, Gonzalez G, Pulpeiro JR, Millan JM, Gordillo I, Serrano C, et al. Sonography of the painful hip in children: 500 consecutive cases. *AJR* 1989;152(3):579-582.
17. Pauroso S, Di Martino A, Tarantino CC, Capone F. Transient synovitis of the hip: Ultrasound appearance. Mini-pictorial essay. *Journal of ultrasound*. 2011;14(2):92-94.
18. Yang WJ, Im SA, Lim GY, Chun HJ, Jung NY, Sung MS, et al. MR imaging of transient synovitis: differentiation from septic arthritis. *Pediatric radiology*. 2006;36(11):1154-1158.
19. Laurent M, Ghazavi M. Pitfalls in the diagnosis and management of transient synovitis of the hip: a retrospective case-note analysis. *Archives of disease in childhood*. 2008;93(5):451-452.
20. Whitelaw CC, Varacallo M. Transient Synovitis. StatPearls [Internet]: StatPearls Publishing; 2019.
21. Soldatos T, Durand DJ, Subhawong TK, Carrino JA, Chhabra A. Magnetic resonance imaging of musculoskeletal infections: systematic diagnostic assessment and key points. *Academic radiology*. 2012;19(11):1434-1443.
22. Simpfendorfer CS. Radiologic Approach to Musculoskeletal Infections. *Infectious disease clinics of North America*. 2017;31(2):299-324.
23. Kaim AH, Gross T, von Schulthess GK. Imaging of chronic posttraumatic osteomyelitis. *European radiology*. 2002;12(5):1193-1202.
24. Ledermann HP, Kaim A, Bongartz G, Steinbrich W. Pitfalls and limitations of magnetic resonance imaging in chronic posttraumatic osteomyelitis. *European radiology*. 2000;10(11):1815-1823.
25. Lee YJ, Sadigh S, Mankad K, Kapse N, Rajeswaran G. The imaging of osteomyelitis. *Quantitative imaging in medicine and surgery*. 2016;6(2):184-198.
26. Suma R, Vinay C, Shashikanth MC, Subba Reddy VV. Garre's sclerosing osteomyelitis. *Journal of the Indian Society of Pedodontics and Preventive Dentistry* 2007;25:30-33.
27. Guhlmann A, Brecht-Krauss D, Suger G, Glatting G, Kotzerke J, Kinzl L, et al. Fluorine-18-FDG PET and technetium-99m antigranulocyte antibody scintigraphy in chronic osteomyelitis. *Journal of nuclear medicine*. 1998;39(12):2145-2152.
28. Theodorou SJ, Theodorou DJ, Resnick D. Imaging findings of complications affecting the upper extremity in intravenous drug users: featured cases. *Emergency radiology*. 2008;15(4):227-239.