

BÖLÜM

17

AYAK TÜMÖR ve TÜMÖR BENZERİ PATOLOJİLERİ

Elif GÜNAYDIN¹

Vaka 1: Tendon Kılıfının Dev Hücreli Tümörü

Vaka 2: Morton Nöroma

Vaka 3: Osteoid Osteoma

Vaka 4: Ganglion Kisti

Vaka 5: Plantar Fibromatozis

Vaka 6: Schwannoma

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Tuzaklar

Schwannomlar iyi huylu tümörler olup, malign transformasyon nadirdir, ancak osseöz metaplazi gösteren schwannomaların ayırıcı tanısında malign periferik sinir kılıfı tümörlerinin de göz önünde bulundurulması gerekir.

Tedavi ve yaklaşım

İyi huylu schwannomların tedavisi, genellikle tümörü çıkarmaktır. Cerrahi sonrası semptomlar tamamen ve hızlı bir şekilde düzelir. Schwannomlar çok nadiren malign hale gelir, bu durumlarda tedavi cerrahi, radyasyon tedavisi ve / veya kemoterapiyi içerebilir.

KAYNAKLAR

1. Ge Y, Guo G, You Y, et al. Magnetic resonance imaging features of fibromas and giant cell tumors of the tendon sheath: differential diagnosis. *Eur Radiol*. 2019 Jul;29(7):3441-3449.
2. Helms CA, Major NM, Anderson MW, et al. (2001). *Musculoskeletal MRI*. (Second edit). Philadelphia: SAUNDERS
3. Philip AD, Clark JB, Joel T, et al. Pathologic and MR Imaging Features of Benign Fibrous Soft-Tissue Tumors in Adults *RadioGraphics*. 2007; 27:173-180.
4. Özalp T, Yercan H, Kurt C, et al. Giant-cell tumors of the tendon sheath involving the hand or the wrist: an analysis of 141 patients *Acta Orthop Traumatol Turc*. 2004;38:120-124
5. Marcia F, Blacksin DH, Meera H, et al. Superficial Soft-Tissue Masses of the Extremities. *RadioGraphics*. 2006;26:1289-1304.
6. Jelinek JS, Kransdorf MJ, Shmookler BM, et al. Giant cell tumor of the 48 tendon sheath: MR findings in nine cases. *AJR Am J Roentgenol*. 1994;162:919-922.
7. Booth KC, Campbell GS, Chase DR. Giant cell tumor of tendon sheath with intraosseous invasion: a case report. *J Hand Surg [Am]*. 1995;20:1000-1002.
8. Kitagawa Y, Ito H, Amano Y, et al. MR imaging for preoperative diagnosis and assesment of local tumor extent on localized giant cell tumor of tendon sheath. *Skeletal Radiol* 2003; 32:633-638.
9. Di Caprio F, Meringolo R, Shehab Eddine M, et al. Morton's interdigital neuroma of the foot: A literature review. *Foot Ankle Surg*. 2018;24(2):92-98.
10. LiMarzi GM, Scherer KF, Richardson ML, et al. CT and MR Imaging of the Postoperative Ankle and Foot. *Radiographics*. 2016 ;36(6):1828-1848.
11. Munir U1, Morgan S2. SourceStatPearls [Internet]. Morton Neuroma, *Treasure Island (FL): StatPearls Publishing*; 2020-.2019 Feb 28.
12. Gurkan V, Erdogan O. Foot and ankle osteoid osteomas. *J. Foot Ankle Surg*. 2018;57(4):826-832
13. Lee EH, Sha M, Hui JHP. Osteoid osteoma: a current review. *J Pediatr Orthop*. 2006;26:695-700.
14. White LM, Kandel R Osteoid-producing tumors of bone. *Semin Musculoskelet Radiol*. 2000;4(1):25-43.
15. Hosalkar, Harish S, et al. "The diagnostic accuracy of MRI versus CT imaging for osteoid osteoma in children." *Clinical orthopaedics and related research* 433 (2005): 171-177.
16. Ward WG, Eckardt JJ, Shayestehfar S, et al. Oppenheim W. Osteoid osteoma diagnosis and management with low morbidity. *Clin Orthop Relat Res*. 1993:229-235.
17. Lee EH, Shafi M, Hui JH. Osteoid osteoma: a current review. *J PediatrOrthop*.2006;26:695-700.
18. Sakamoto A, Okamoto T, Matsuda S. Persistent Symptoms of Ganglion Cysts in the Dorsal Foot. *Open Orthop J*. 2017; 16;11:1308-1313
19. Gregush RE, Habusta SF. Ganglion Cyst. StatPearls [Internet]. Treasure Island (FL): *StatPearls Publishing*; 2020 Jan-.2019 Feb 24.
20. Motolese A, Mola F, Cherubino M, et al. Squamous cell carcinoma and ledderhose disease: a case report., *Int J Low Extrem Wounds*. 2013; 12(4):297-300.

21. Veith NT, Tschernig T, Histing T, et al. Plantar fibromatosis-topical review. *Foot Ankle Int.* 2013; 34(12):1742-6.
22. Zgonis T, Jolly GP, Polyzois V, et al. Plantar fibromatosis, *Clin Podiatr Med Surg.* 2005;22(1):11-8.
23. Griffith JF, Wong TY, Wong SM, et al. Sonography of plantar fibromatosis. *AJR Am J Roentgenol.* 2002;179:1167-1172.
24. Omor Y, Dhaene B, Grijseels S, et al. Ledderhose Disease: Clinical, Radiological (Ultrasound and MRI), and Anatomopathological Findings. *Case Rep Orthop.* 2015; 2015:2015:741461.
25. Veith NT, Tschernig T, Histing T, et al. Plantar fibromatosis – topical review. *Foot Ankle, Int.* 2013;34: 1742-1746.
26. Ferner RE, O'Doherty MJ. Neurofibroma and schwannoma. *Curr Opin Neurol.* 2002;15:679-684.
27. Rockwell GM, Thoma A. Schwannoma of the hand and wrist. *Plast Reconstr Surg.* 2003;111(3):1227-1232.
28. Mohammed SA, Pressman MM, Schmidt B, et al. Case presentations and review of plexiform schwannoma in the foot. *J Foot Ankle Surg.* 2014;53(2):179-185
29. Carroll SL. Molecular mechanisms promoting the pathogenesis of Schwann cell neoplasms. *Acta Neuropathol.* 2012;123:321-348.
30. Stramare R, Beltrame V, Gazzola M, et al. Imaging of soft tissue tumors. *J Magn Reson Imaging.* 2012;37:791-804.
31. Sasaki M, Aoki M, Yoshimine T. Mobile schwannoma of the cauda equina incarcerated following caudal migration after trauma—case report. *Neurol Med Chir.* 2011;51:710-712.
32. Li XN, Cui JL, Christopasak SP, et al. Multiple plexiform schwannomas in the plantar aspect of the foot: case report and literature review. *BMC Musculoskelet Disord.* 2014;11;15:342.
33. Jacobson JM, Felder JM, Pedroso F, et al. Plexiform schwannoma of the foot: a review of the literature and case report. *J Foot Ankle Surg.* 2011;50(1):68-73.
34. Iwashita T, Enjoji M. Plexiform neurilemmoma: a clinicopathological and immunohistochemical analysis of 23 tumours from 20 patients. *Virchows Arch A Pathol Anat Histopathol.* 1987;411(4):305-309.
35. Ruggieri P, Angelini A, Jorge FD, et al. Review of foot tumors seen in a university tumor institute. *J Foot Ankle Surg.* 2014;53(3):282-285.
36. Kehoe NJ, Reid RP, Semple JC. Solitary benign peripheral-nerve tumours: review of 32 years experience. *J Bone Joint Surg Br.* 1995;77:497-500.
37. Carvajal JA, Cuartas E, Qadir R, et al. Peripheral nerve sheath tumors of the foot and ankle. *Foot Ankle Int.* 2011;32:163-167.
38. Rosai J. Soft tissues. In: Rosai J, editor. *Rosai and Ackerman's Surgical Pathology*, 9th edition. Edinburgh: Mosby; 2004. p. 2237-2371.
39. Weiss SW, Goldblum JR. Benign tumors of peripheral nerves. In: Weiss SW, Goldblum JR, editors. *Enzinger and Weiss's soft tissue tumors.* 4th edition. St. Louis, Missouri: Mosby; 2001. p.1111-1207
40. Canda MŞ. Periferik sinir kılıfı tümörleri. *Tr Ekopatol Derg.* 2004;10:65-74.