

## Bölüm **28**

# **BOYUN BÖLGESİNDE AĞRI YAPAN TİROID HASTALIKLARI**

**Sevde Nur FIRAT<sup>1</sup>**

### **GİRİŞ**

Tiroid bezi boyun ön tarafında C5-T1 seviyesinde bulunan, tiroid hormonlarını üreten, depolayan ve gerektiğinde kana salan bir bezdir. Ortalama ağırlığı 25-30 gramdır. Tiroid bezinin ağrılı hastalıkları nadir görülmekle beraber en sık neden tiroiditlerdir. Tiroiditler bir çok sebeple ortaya çıkabilen tiroidin inflamatuar hastalıklarıdır. Enfeksiyon veya otoimmun nedenlere bağlı gelişebilir ve klinik tablo ağrılı veya ağrısız olarak seyredebilir.

Tiroiditler dışında da tiroid bezinde ağrı yapan birçok neden bulunmaktadır . **Tablo 1'de** ağrı yapan tüm tiroid hastalıkları gösterilmiştir.

**Tablo 1. Ağrılı tiroid hastalıkları**

- Subakut Tiroidit (SAT)
- Akut süpüratif (bakteriyel) tiroidit(AST)
- Tiroid kisti veya nodülü içine kanama
- İnfekte brachial kleft kisti
- İnfekte tiroglossal kanal kisti
- Hızlı büyüyen anaplastik tiroid kanserleri
- Radyasyon tiroiditi
- Ağrılı hashimoto tiroiditi

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mıştır. Tiroid bezi de bunlardan biridir. Sıklıkla ağrıya neden olan bir yapı olmakla beraber, boyun ve boğaz ağrılarının ayırcı tanısında yukarıda bahsedilen durumlar gözden kaçırılmamalıdır.

**Anahtar Kelimeler:** Tiroid bezi, Subakut tiroidit, akut bakteriyel tiroidit, tiroïd kisti, radyasyon tiroiditi,

## KAYNAKLAR

1. Farwell AP, Werner SC, Ingbar SH, Braverman LE, Utiger RD, eds. (2000). Infectious thyroiditis. Werner, Ingbar's the thyroid: a fundamental and clinical text. Lippincott Williams, Wilkins. (8th ed:1044–1050). Philadelphia.
2. Paes JE, Burman KD, Cohen J, et al. Acute bacterial suppurative thyroiditis: a clinical review and expert opinion. Thyroid. 2010; 20:247-255.
3. McAninch EA, Xu C, Lagari VS, Kim BW. Coccidiomycosis thyroiditis in an immunocompromised host post-transplant: case report and literature review. J Clin Endocrinol Metab. 2014; 99:1537-1542.
4. Nicoucar K, Giger R, Papa HG Jr, Jaecklin T, Dulguerov P. Management of congenital fourth branchial arch anomalies: a review and analysis of published cases. Pediatr Surg. 2009 ;44(7):1432-9. doi: 10.1016/j.jpedsurg.2008.12.001.
5. Brent GA, Larsen PR, Davis TF. (2008). Hypothyroidism and thyroiditis. In: Kronenberg HM, Melmed S, Polonsky KS, Larsen PR, editors. Williams text book of endocrinology. (11th ed 377–410). Philadelphia:Saunders Elsevier.
6. Tien KJ, Chen TC, Hsieh MC, Hsu SC, Hsiao JY, Shin SJ, Hsin SC. Acute suppurative thyroiditis with deep neck infection: a case report. Thyroid. 2007;17(5):467–9.
7. Masuoka H., et al. Imaging studies in sixty patients with acute suppurative thyroiditis. Thyroid. 2011;21(10):1075-80.
8. McLaughlin SA, Smith SL, Meek SE. Acute suppurative thyroiditis caused by *Pasteurella multocida* and associated with thyrotoxicosis. Thyroid 2006; 16(3): 307-10.
9. Clair MR, Mandelblatt S, Roger S, Bains EP, Goodman K. Sonographic features of acute suppurative thyroiditis. J Clin Ultrasound 1983; 11(4): 222-4.
10. Bernard PJ, Som PM, Urken ML, Lawson W, Biller HF. The CT findings of acute thyroiditis and acute suppurative thyroiditis. Otolaryngol Head Neck Surg 1988; 99(5):489-93.
11. Paes J.E, et al. Acute bacterial suppurative thyroiditis: a clinical review and expert opinion. Thyroid, 2010;20(3):247-55.
12. Miyauchi A. Thyroid gland: A new management algorithm for acute suppurative thyroiditis? Nat Rev Endocrinol 2010; 6(8):424-6.
13. Yolmo D, Madana J, Kalaiarasi R, Gopalakrishnan S, Kiruba Shankar M, Krishnapriya S. Retrospective case review of pyriform sinus fistulae of third branchial arch origin commonly presenting as acute suppurative thyroiditis in children. J Laryngol Otol. 2012;126(7):737-42. doi: 10.1017/S0022215112000898.
14. Dugar M, da Graca Bandeira A, Bruns J, Jr. Som PM. Unilateral hypopharyngitis, cellulitis, and a multinodular goiter: a triad of findings suggestive of acute suppurative thyroiditis. AJNR Am J Neuroradiol. 2009; 30:1944-6.
15. Cherk M, Kalff V, Yap K et al. Incidence of radiation thyroiditis and thyroid remnant ablation success rates following 1100 MBq (30 mCi) and 3700 MBq (100 mCi) post-surgical I-131 ablation therapy for differentiated thyroid carcinoma. Clin Endocrinol. 2008;69:957–62. Doi:10.1111/j.1365-2265.2008.03276.

16. Bonnema S, Hegedüs L. Radioiodine therapy in benign thyroid diseases: effects, side effect, and factors affecting therapeutic outcome. *Endocr Rev* 2012;33:920–80. doi: 10.1210/er.2012-1030.
17. Stang MT, Yim JH, Challinor SM, Bahl S, Cart SE. Hyperthyroidism after parathyroid exploration. *Surgery* 2005;138(6):1058–64.
18. Oka Y, Nishijima J, Azuma T, Inada K, Miyazaki S, Nakano H, Nishida Y, Sakata K, Hashimoto J, Izukura M. Blunt thyroid trauma with acute hemorrhage and respiratory distress. *J Emerg Med*. 2007;32:381–385.
19. Roh JL. Intrathyroid hemorrhage and acute upper airway obstruction after fine needle aspiration of the thyroid gland. *Laryngoscope* 2006; 116: 154–6
20. Pérez Fontán FJ, Santos Hernández M, Pombo Vázquez S, Lago Novoa M. Thyroid gland rupture after blunt neck trauma: sonographic and computed tomographic findings. *J Ultrasound Med*. 2001;20(11):1249–51.
21. Desailloud R, Hoher D. Viruses and thyroiditis: an update. *Virol J*. 2009; 6:5.
22. Erdogan M.F, Tiroiditler. (2015) 2ed. Tiroidoloji.
23. Ohsako N, Tamai H, Sudo T, Mukuta T, Tanaka H, Kuma K, Kimura A, Sasazuki T. Clinical characteristics of subacute thyroiditis classified according to human leukocyte antigen typing. *J Clin Endocrinol Metab*. 1995;80(12):3653–6.
24. Fatourechi V, Aniszewski JP, Fatourechi GZ, Atkinson EJ, Jacobsen SJ. Clinical features and outcome of subacute thyroiditis in an incidence cohort: Olmsted County, Minnesota, Study. *J Clin Endocrinol Metab*. 2003;88:2100–2105.
25. Salih AM, Kakamad FH, Rawezh QS, Masrur SA, Shvan HM, Hawbush MR, Lhun TH Subacute thyroiditis causing thyrotoxic crisis; a case report with literature review. *Int J Surg Case Rep*. 2017; 33 :112-114.
26. Lee YJ, Kim DW, Sonographic Characteristics and Interval Changes of Subacute Thyroiditis. *J Ultrasound Med*. 2016 Aug;35(8):1653–9. doi: 10.7863/ultra.15.09049. Epub 2016 Jun 14.
27. Slatosky J, Shipton B, Wahba H. Thyroiditis: differential diagnosis and management. *Am Fam Physician*. 2000;15;61(4):1047–52.
28. Cinel M.,Şahin M. (2019). Tiroiditler. Şevki ÇETİNALP, Ahmet Gökhan Özgen (Ed). *Tiroid Hastalıkları Kitabı içinde* (s.363-373). İstanbul: İstanbul Tip Kitapevi.
29. Sato J, Uchida T, Komiya K, Goto H, Takeno K, Suzuki R, Honda A, Himuro M, Watada H. Comparison of the therapeutic effects of prednisolone and nonsteroidal anti-inflammatory drugs in patients with subacute thyroiditis. *Endocrine*. 2017;55(1):209–214. doi:10.1007/s12020-016-1122-3.
30. Zimmerman RS, Brennan MD, McConahey WM, Goellner JR, Gharib H .Hashimoto's thyroiditis. An uncommon cause of painful thyroid unresponsive to corticosteroid therapy. *Ann Intern Med*. 1986;104:355–357.
31. Seo HM, Kim M, Bae J, Kim JH, Lee JW, Lee SA, et al. A Case of Painful Hashimoto Thyroiditis that Mimicked Subacute Thyroiditis. *Chonnam Med J*. 2012;48(1):69-72.
32. Ishihara T, Mori T, Waseda N, Ikekubo K, Akamizu T, Imura H 1986 Pathological characteristics of acute exacerbation of Hashimoto's thyroiditis-serial changes in a patient with repeated episodes. *Endocrinol Jpn*. 33;701–712 9.
33. Ohye H, Fukata S, Kubota S, Sasaki I, Takamura Y, Matsuzuka F, et al. Successful treatment for recurrent painful Hashimoto's thyroiditis by total thyroidectomy. *Thyroid*. 2005;15(4):340–45
34. Mazza E, Quaglino F, Suriani A, Palestini N, Gottero C, Leli R, et al. Thyroidectomy for Painful Thyroiditis Resistant to Steroid Treatment: Three New Cases with Review of the Literature. *Case Rep Endocrinol*. 2015;2015. <http://dx.doi.org/10.1155/2015/138327>.
35. Kon YC, DeGroot LJ. Painful Hashimoto's thyroiditis as an indication for thyroidectomy: clinical characteristics and outcome in seven patients. *Journal of Clinical Endocrinology and Metabolism*. 2003;88(6): 2667–72.
36. Kebebew E, Greenspan FS, Clark OH, et al. Anaplastic thyroid carcinoma. Treatment outcome and prognostic factors. *Cancer*. 2005;103:1330–5.