

Bölüm 19

GÖZ KAPAĞI VE KONJONKTİVANIN PREMALİGN - MALİGN LEZYONLARI

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GÖZ KAPAĞININ PREMALİGN-MALİGN LEZYONLARI:

Kutanöz lezyonlar epidermis, dermis veya gözkapığının adneksial yapılarından kaynaklanabilir ancak sıklıkla hızlı yenilenme özelliği gösteren epidermisten kaynaklanır. Malignensi için hasta hikayesinden elde edebileceğimiz predispozan faktörler:

- sigara öyküsü,
- cilt kanseri öyküsü,
- yoğun güneş ışığı maruziyeti,
- radyoterapi öyküsü,
- immünsupresyon dur. 1

Fizik muayenede saptadığımız lezyon özellikleri de bize malignensiyi düşürebilir. Bunlar:

- yavaş, ağrısız büyüyen lezyon,
- düzensiz pigmenter değişim,
- kapak marjininin bozulması,
- kirpiklerin kaybı,
- lezyon üzerinde ülserasyon, kanama,
- telenjektaziler,
- cilt katlantılarının kaybıdır.¹

Premalign Epitelyal Lezyonlar:

Aktinik Keratoz:

Prekanseröz lezyonlar içinde en sık görülenidir. Genellikle kronik güneş mağrız kalmış, ileri yaş kişilerde görülür. Bunlar tek ya da multipl, küçük, eritamatöz, yuvarlak, sesil, keratotik lezyonlardır. Histopatolojik incelemede epitel-

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Malign Fibröz Tümörler:

Fibröz Histiyositoma:

Sıklıkla benign karakter göstermektedir. Nadiren lokal agresif veya malign karakter gösterebilir. Genellikle limbus yerleşimli, iyi sınırlanmış veya difüz yayılım gösteren, skleraya tutunmuş amelanotik lezyonlardır. Tedavide temiz cerrahi sınır bırakacak şekilde eksizyon önerilir.⁴⁹

Myojenik Malign Tümörler:

Rabdomyosarkom:

Tek başına konjonktiva tutulumu nadirdir, genellikle orbital tutulumun uzantısı şeklindedir. Konjonktivada pembe, hızlı büyüyen vaskülerize kitle şeklinde görülür. Tedavide total eksizyona ek olarak kemoterapi ve radyoterapi de uygulanmaktadır.⁵⁰

Metastatik ve Sekonder Tümörler:

Konjonktivaya metastaz üveal doku ve orbitaya oranla daha nadirdir ancak meme, akciğer, böbrek, cilt ve diğer primer organ kanserlerinden metastaz görülebilir. Bunlar bir veya daha fazla, açık pembe, vaskülerize konjonktival stromal lezyonlardır.

Konjonktival tutulum çevre dokuların kanserlerine sekonder de gelişebilir. Bunlara örnek göz kapağının sebase karsinomu, üveal melanoma ve rabdomyosarkom verilebilir.^{51,52}

KAYNAKLAR

- Cook BE Jr, Bartley GB. (1999). Epidemiologic characteristics and clinical course of patients with malignant eyelid tumors in an incidence cohort in Olmsted County, Minnesota. *Ophthalmology*. 106, 746-750.
- Person JR. (2003). An actinic keratosis is neither malignant nor premalignant: It is an initiated tumor. *J Am Acad Dermatol*. 48, 637–638.
- Gupta AK, Davey V, McPhail H. (2005). Evaluation of the effectiveness of imiquimod and 5-fluorouracil for the treatment of actinic keratosis: critical review and meta-analysis of efficacy studies. *J Cutan Med Surg*. 9, 209-214.
- Nerad JA, Whitaker DC. (1988). Periocular basal cell carcinoma in adults 35 years of age and younger. *Am J Ophthalmol*. 106, 723-729.
- Grossniklaus HE, Wojno TH, Yanoff M, et al. (1996). Invasive keratoacanthoma of the eyelid and ocular adnexa. *Ophthalmology*. 103, 937-941.
- Pe'er J, Folberg R. (2014). Eyelid tumors: Cutaneous melanoma. In: Pe'er J, Singh AD, editors. *Clinical Ophthalmic Oncology: Eyelid and Conjunctival Tumors*. 2nd ed. Berlin: Springer, pp. 63–8. Ch. 7.
- Margo CE, Waltz K. (1993). Basal cell carcinoma of the eyelid and periocular skin. *Surv Ophthalmol*. 38, 169-192.

- Reifler DM, Hornblass A. (1986). Squamous cell carcinoma of the eyelid. *Surv Ophthalmol.* 30, 349-365.
- Sinard JH. (1999). Immunohistochemical distinction of ocular sebaceous carcinoma from basal cell and squamous cell carcinoma. *Arch Ophthalmol. Jun;* 117(6), 776-783.
- Shields JA, Demirci H, Marr BP, et al. (2005). Sebaceous carcinoma of the ocular region: a review. *Surv Ophthalmol. Mar-Apr;* 50(2), 103-122.
- Wilson MW, Fleming JC, Fleming RM, et al. (2001). Sentinel node biopsy for orbital and ocular adnexal tumors. *Ophthal Plast Reconstr Surg.* 17(5), 338-344.
- Boulos PR, Rubin PA. (2006). Cutaneous melanomas of the eyelid. *Semin Ophthalmol.* 21, 195-206.
- Peters GB, Meyer DR, Shields JA, et al. (2001). Management and prognosis of Merkel cell carcinoma of the eyelid. *Ophthalmology.* 108, 1575-1579.
- Merritt H, Sniegowski MC, Esmaeli B. (2014). Merkel cell carcinoma of the eyelid and periocular region. *Cancers (Basel).* May 9; 6(2), 1128-1137.
- Shuler JD, Holland GN, Miles SA, et al. (1989). Kaposi sarcoma of the conjonktiva and eyelids associated with the acquired immunodeficiency syndrome. *Arch Ophthalmol.* 107, 858-862.
- Lass JH, Jenson AB, Papale JJ, et al. (1983). Papillomavirus in human conjunctival papillomas. *Am J Ophthalmol.* 95, 364-368.
- Lass JH, Foster CS, Grove AS, et al. (1987). Interferon-alpha therapy of recurrent conjunctival papillomas. *Am J Ophthalmol.* 103, 294-301.
- Hawkins AS, Yu J, Hamming NA, et al. (1999). Treatment of recurrent conjunctival papillomatosis with mitomycin C. *Am J Ophthalmol.* 128, 638-640.
- Lee GA, Hirst LW. (1995). Ocular surface squamous neoplasia. *Surv Ophthalmol.* 39, 429-450.
- Sun EC, Fears TR, Goedert JJ. (1997). Epidemiology of squamous cell conjunctival cancer. *Cancer Epidemiol Biomarkers Prev.* 6, 73-77.
- Erie JC, Campbell RJ, Liesegang TJ. (1986). Conjunctival and corneal intraepithelial and invasive neoplasia. *Ophthalmology.* 93, 176-183.
- Newton R, Ferlay J, Reeves G, et al. (1996). Effect of ambient solar ultraviolet radiation on incidence of squamous-cell carcinoma of the eye. *Lancet.* 347, 1450-1451.
- Goedert JJ, Coté TR. (1995). Conjunctival malignant disease with AIDS in USA. *Lancet.* 346, 257-258.
- McDonnell JM, Mayr AJ, Martin WJ. (1989). DNA of human papillomavirus type 16 in dysplastic and malignant lesions of the conjunctiva and cornea. *N Engl J Med.* 320, 1442-1446.
- Shields JA, Shields CL, De Potter P. (1997). Surgical management of conjunctival tumors: the 1994 Lynn B. McMahan Lecture. *Arch Ophthalmol.* 115, 808-815.
- Lommatsch P. (1976). Beta-ray treatment of malignant epithelial tumors of the conjunctiva. *Am J Ophthalmol.* 81, 198-206.
- Heigle TJ, Stulting RD, Palay DA. (1997). Treatment of recurrent conjunctival epithelial neoplasia with topical mitomycin C. *Am J Ophthalmol.* 124, 397-399.
- Haas K, Ben-Dor D, Levartovsky S. (1999). Treatment of conjunctival corneal intraepithelial neoplasia with topical mitomycin C. *Arch Ophthalmol.* 117, 544-545.
- Akpek EK, Ertoy D, Kalayci D, et al. (1999). Postoperative topical mitomycin C in conjunctival squamous cell neoplasia. *Cornea.* 18, 59-62.
- de Keizer RJW, de Wolff-Rouendaal D, van Delft JL. (1986). Topical application of 5-fluorouracil in premalignant lesions of cornea, conjunctiva and eyelid. *Doc Ophthalmol.* 64, 31-42.

- Yeatts RP, Engelbrecht NE, Curry CD, et al. (2000). 5-Fluorouracil for the treatment of intraepithelial neoplasia of the conjunctiva and cornea. *Ophthalmology*. 107, 2190–2195.
- Midena E, Boccato P, Angeli CD. (1994). Conjunctival squamous cell carcinoma treated with topical 5-fluorouracil. *Arch Ophthalmol*. 115, 1600–1601.
- Maskin SL. (1994). Regression of limbal epithelial dysplasia with topical interferon. *Arch Ophthalmol*. 12, 1145–1146.
- Warner MA, Jakobiec FA. (2005). Squamous neoplasia of the conjunctiva. In: Krachmer JH, Mannis MJ, Holland EJ, et al. *Cornea*. 2nd ed. Vol 1. Philadelphia: Elsevier Mosby; 557–570.
- Folberg R, McLean IW, Zimmerman LE. (1985). Primary acquired melanosis of the conjunctiva. *Hum Pathol*. 16, 129–135.
- Mc Lean IW. (2005). Melanocytic neoplasms of the conjunctiva. In: Krachmer JH, Mannis MJ, Holland EJ, et al. *Cornea*. 2 nd ed. Vol 2. Philedelphia: Elsevier Mosby; 571-578.
- Seregard S. (1998). Conjonktival melanoma. *Surv Ophthalmol*. 42, 321-350.
- Schields CL, Schields JA, Gündüz K, et al. (2000). Conjunktival melanoma: risk factors for recurrence, exenteration, metastasis and death in 150 consecutive patients. *Arch Ophthalmol*. 118, 1497-1507.
- Viejo-Borbolla A, Schulz TF. (2003). Kaposi's sarcoma-associated herpesvirus (KSHV/ HHV8): key aspects of epidemiology and pathogenesis. *AIDS Rev*. 5(4), 222–229.
- Schulz TF. (2000). Kaposi's sarcoma-associated herpesvirus (human herpesvirus 8): epidemiology and pathogenesis. *J Antimicrob Chemother*. 45(Suppl T3), 15–27.
- Aversa SM, Cattelan AM, Salvagno L, et al. (2005). Treatments of AIDS-related Kaposi's sarcoma. *Crit Rev Oncol Hematol*. 53(3), 253–265.
- Betkowska-Prokop A, Sulowicz J, Sobaszek-Pitas M, et al. (2010). Kaposi's sarkoma in solid organ recipients. *Przeglad lekarski*. 67(7), 475–478.
- Heimann H, Kreusel KM, Foerster MH, et al. (1997). Regression of conjunctival Kaposi's sarcoma under chemotherapy with bleomycin. *Br J Ophthalmol*. 81(11), 1019–1020.
- Rodriguez-Perez C, Gris-Castellon O, Soler-Lluis N, et al. (2005). Amniotic membrane transplantation after surgical resection in conjunctival Kaposi's sarcoma. *Arch Soc Esp Oftalmol*. 80(9), 525–528.
- Korn BS, Park DJ, Kikkawa DO. (2011). Intralesional mitomycin-C for the treatment of conjunctival Kaposi sarcoma. *Ophthal Plast Reconstr Surg*. 27(4), e88–e90.
- Duman S, Toz H, Asci G, et al. (2002). Successful treatment of post-transplant Kaposi's sarcoma by reduction of immunosuppression. *Nephrol Dial Transplant*. 17(5), 892–896.
- Coupland SE, Krause L, Delecluse HJ, et al. (1998). Lymphoproliferative lesions of the ocular adnexa. Analysis of 112 cases. *Ophthalmology*. 105, 1430–1441.
- Shields CL, Shields JA, Carvalho C, et al. (2001). Conjunctival lymphoid tumors: Clinical analysis of 117 cases and relationship to systemic lymphoma. *Ophthalmology*. 108, 979–984.
- Kim HJ, Shields CL, Eagle RC, Jr, et al. (2006). Fibrous histiocytoma of the conjunctiva. *Am J Ophthalmol*. 142, 1036–1043.
- Shields CL, Shields JA, Honavar SG, et al. (2001). Clinical spectrum of primary ophthalmic rhabdomyosarcoma. *Ophthalmology*. 108, 2284–2292.
- Shields CL, Shields JA. (2004). Tumors of the conjunctiva and cornea. *Surv Ophthalmol*. 49, 3–24.
- Shields JA, Shields CL. (2008). An Atlas and Textbook. 2nd ed. Philadelphia, PA: Lippincott Williams and Wilkins, *Eyelid, Conjunctival and Orbital Tumors*; pp. 250–445.