



## BÖLÜM 7

# Oral Mukozitte (Ağız içi Yaralarda) Temel Ağız Bakımı

Serap ÖZDEMİR<sup>1</sup>  
Bülent ZÜLFİKAR<sup>2</sup>

### İçerik

- |                               |                    |
|-------------------------------|--------------------|
| 1. Giriş                      | 3. Özet            |
| 2. Oral Mukozit (Ağız Yarası) | 4. Çıkar Çatışması |
| 2.1. Risk faktörleri          | 5. Teşekkür        |
| 2.2. Gelişimi                 | 6. Kaynaklar       |
| 2.3. Değerlendirilmesi        |                    |
| 2.4. Tedavi                   |                    |
| 2.5. Temel Ağız Bakımı        |                    |

<sup>1</sup> Öğr. Gör. Dr., Kilis 7 Aralık Üniversitesi Yusuf Şerefoğlu Sağlık Bilimleri Fakültesi Çocuk Sağlığı ve Hastalıkları Hemşireliği AD., serapozdemir@kilis.edu.tr

<sup>2</sup> Prof. Dr., İstanbul Üniversitesi Cerrahpaşa, Cerrahpaşa Tıp Fakültesi, bulent.zulfikar@istanbul.edu.tr

## Kaynaklar

1. Allen G, Gue S, Revesz T, et al. The prevalence and investigation of risk factors of oral mucositis in a paediatric inpatient population; a prospective study. *J Pediatr Hematol Oncol*. 2018; 40:15–21. <https://doi.org/10.1097/MPH.0000000000000970>
2. American Academy of Pediatric Dentistry. Dental management of pediatric patients receiving immunosuppressive therapy and/or radiation therapy. In *Clinical guidelines reference manual* 2018; 40: 392-400. Chicago, IL: Author.
3. Cheng KK, Lee V, Li Ch, et. al. Impact of oral mucositis on short-term clinical outcomes in paediatric and adolescent patients undergoing chemotherapy. *Support Care Cancer*. 2013 Aug; 21(8): 2145-52.
4. Choi SE, Kim HS. Sodium bicarbonate solution versus chlorhexidine mouthwash in oral care of acute leukemia patients undergoing induction chemotherapy: A randomized controlled trial. *Asian Nursing Research*. 2012; 6(2): 60-66. doi:10.1016/j.anr.2012.05.004
5. Coke L, Otten K, Staffileni B, et. al. The impact of an oral hygiene education module on patient practices and nursing documentation. *Clin J Oncol Nurs*. 2015 Feb; 19(1): 75-80.
6. Çiftcioğlu Ş, Efe E. Validity and reliability of the oral assessment guide for children and young people receiving chemotherapy. *Turkish Journal of Oncology/Türk Onkoloji Dergisi*. 2017; 32(4): 133-40. doi: 10.5505/tjo.2017.1671
7. Dandoy CE, Haslam D, Lane A, et.al. Healthcare burden, risk factors, and outcomes of mucosal barrier injury laboratory- confirmed bloodstream infections after stem cell transplantation. *Biology of Blood and Marrow Transplantation*. 2016; 22: 1671-1677. doi:10.1016/j.bbmt.2016.06.002
8. Daniel BT, Damato KL, Johnson J. Educational issues in oral care. *Semin Oncol Nurs*. 2004; 20: 48–52. <https://doi.org/10.1053/j.soncn.2003.10.008>
9. Duffy EA, Rodgers CC, Shever LL, et. al. Implementing a daily maintenance care bundle to prevent central line-associated bloodstream infections in pediatric oncology patients. *Journal of Pediatric Oncology Nurses*. 2015; 32: 394-400. doi:10.1177/1043454214563756
10. Farrington M, Cullen L, Dawson C. Evidence-based oral care for oral mucositis. *ORL Head Neck Nurs*. 2013 Summer; 31(3): 6-15.
11. Gandhi K, Datta G, Ahuja S, et. al. Prevalence of oral complications occurring in a population of pediatric cancer patients receiving chemotherapy. *International Journal of Clinical Pediatric Dentistry*. 2017;10: 166-171. doi:10.5005/iD-journals-10005-1428
12. Hong CH, Gueiros LA, Fulton JS, et. al. Systematic review of basic oral care for the management of oral mucositis in cancer patients and clinical practice guidelines. *Supportive Care in Cancer*. 2019; 27(10): 3949-3967. <https://doi.org/10.1007/s00520-019-04848-4>
13. Huang SH, Lin CH, Chang KP, et. al. Clinical evaluation comparing the efficacy of aquacel ag with vasaline gauze versus 1% silver sulfadiazine cream in toxic epidermal necrolysis. *Adv Skin Wound Care*. 2014 May; 27(5): 210-5. doi: 10.1097/01.ASW.0000445919.06416.32
14. Hurrell L, Burgoyne L, Logan R, et. al. The management of pediatric oncology inpatients with oral mucositis. *Journal of Pediatric Hematology/Oncology*. 2019; 41(8): e510-e516. DOI: <https://doi.org/10.1097/MPH.0000000000001546>
15. Keefe DM, Schubert MM, Elting LS, et. al. Updated clinical practice guidelines for the prevention and treatment of mucositis. *Cancer*. 2007; 109:820–831. <https://doi.org/10.1002/cncr.22484>
16. Koşan Z, Akgül N, Bedir B, ve ark. Tıp ve diş hekimliği fakültelerinde ağız–diş sağlığı eğitimi yeterli mi? Öğrencilerin bilgi düzeylerinin karşılaştırması. *Turkish Journal of Public Health*, 2017; 15(3): 201-211.
17. Kutluk, T. (2009). Çocukluk çağı kanserlerinin epidemiyolojisi. Alp Özkan (Ed). *Pediatric Onkoloji kitabı (1) içinde* (s. 3-13). İstanbul: Nobel Tıp Kitabevi

18. Lalla RV, Bowen J, Barasch A, et. al. MASCC/ISOO clinical practice guidelines for the management of mucositis secondary to cancer therapy. *Cancer*. 2014; 120:1453-1431. <https://doi.org/10.1177/1043454219849583>
19. Linder LA, Gerdy C, Abouzelof R, et. al. Using practice-based evidence to improve supportive care practices to reduce central line-associated bloodstream infections in a pediatric oncology unit. *Journal of Pediatric Oncology Nursing*. 2017; 34: 185-195.
20. McGuire DB, Fulton JS, Park J, et. al. Systematic review of basic oral care for the management of oral mucositis in cancer patients. *Supportive Care in Cancer*. 2013;21:3165-3177. doi:10.1007/s00520-013-1942-0
21. Peterson DE, Bensadoun RJ, Roila F. Management of oral gastrointestinal mucositis: ESMO clinical practice guidelines. *Ann Oncol* 2009;20:174-177.
22. Razmara F, Khayamzadeh M. An investigation into the prevalence and treatment of oral mucositis after cancer treatment. *International Journal of Cancer Management*. 2019; 12(11): e88405. doi: 10.5812/ijcm.88405.
23. Rubenstein EB, Peterson DE, Schubert M. et. al. Clinical practice guidelines for the prevention and treatment of cancer therapy– induced oral and gastrointestinal mucositis. *Cancer*. 2004; 100:2026–2046. <https://doi.org/10.1002/cncr.20163>
24. Sevinir, B. (2009). Mukozit. Alp Özkan (Ed). *Pediyatrik Onkoloji kitabı (1) içinde* (s. 1283-1300). İstanbul: Nobel Tip Kitabevi
25. Silva VCR, Motta Silveira FM, Lima GS. et. al. Photodynamic therapy for treatment of oral mucositis: pilot study with pediatric patients undergoing chemotherapy. *Photodiagnosis Photodyn Ther*. 2018; 21: 115-20. <https://doi.org/10.1016/j.pdpdt.2017.11.010>
26. Stringer A, Logan R. The role of oral flora in the development of chemotherapy-induced oral mucositis. *J Oral Pathol Med*. 2015; 44:81–87. <https://doi.org/10.1111/jop.12152>
27. Sung L, Robinson P, Treister N. et al. Guideline for the prevention of oral and oropharyngeal mucositis in children receiving treatment for cancer or undergoing haematopoietic stem cell transplantation. *BMJ Support Palliat Care*. 2017; 7: 7–16. <http://dx.doi.org/10.1136/bmjspcare-2014-000804>
28. Worthington HV, Clarkson JE, Bryan G. et al. Interventions for preventing oral mucositis for patients with cancer receiving treatment. *Cochrane Database Syst Rev*. 2011; 13(4):1-27. doi:10.1002/14651858. CD000978.pub5
29. Yavuz B, Bal Yılmaz H. Investigation of the effects of planned mouth care education on the degree of oral mucositis in pediatric oncology patients. *J Pediatr Oncol Nurs*. 2015 Jan-Feb; 32(1): 47-56. <https://doi.org/10.1177/1043454214554011>
30. Yavuz B, Yılmaz HB, Karaman N. A study of reliability and validity for the Turkish version of children's international mucositis evaluation scale for children with cancer. *Turkish Journal of Oncology*. 2011; 26(4): 157-162. doi: 10.5505/tjoncol.2011.688