

ONKOLOJİ HASTALARINDA AYRINTILI GERİATRİK DEĞERLENDİRME

**5.
BÖLÜM**

Fatma Betül ASAN¹

GİRİŞ

Tip dünyasında gözlenen gelişmeler, hastalıkların erken dönem teşhisi ve tedaviye ulaşabilme oranında artış sayesinde tüm dünyada geriatrik nüfus giderek artmaktadır. Bu iyileşmeye rağmen yaşlı hastalarda yaşa bağlı fizyolojik değişiklikler veya geriatrik sendromlar gibi patolojik durumlar nedeniyle yeni gelişen hastalıkların tanı ve tedavisinde gecikmeler olmaktadır. Ayrıntılı geriatrik değerlendirme(AGD) ile yaşlı nüfusta bu durumların tanımlanması ve yönetilmesi hedeflenmektedir. Kanser hastalarının büyük bir bölümü 65 yaş ve üstü olup, bu hastalarda tedavi öncesinde ve izleminde AGD uygulanması; mortalite, morbidite ve kemoterapi toksisitesi riskinin değerlendirilerek gerekli iyileştirmelerin yapılması, hastaya kişiselleştirilmiş kanser tedavisinin uygulanması, gözlenebilecek fiziksel-bilişsel performans bozukluklarının yönetimi açısından oldukça önemlidir.

AYRINTILI GERİATRİK DEĞERLENDİRME TANIMI

Yaşlı hastalarda gelişen sağlık sorunlarında klasik hastalık bazlı yaklaşım yanılıcı olabilmektedir; geriatrik popülasyonda bir hastalık durumunda belirli bir hastalık ile semptomları arasındaki ilişki genellikle net değildir. Hastalıkın yaygınlığını ve hastanın genel sağlık durumuna etkisini değerlendirmek güçleşmiştir.

Fonksiyonel bozukluk ve demans gibi geriatrik durumlar yaşlılarda sık görülmekte olup yeni gelişen tıbbi durumların tanısını güçlendirmektedir. Aynı zamanda yaşlı hastalarda demans, deliryum, inkontinans, malnutrisyon, düşme, osteoporoz, yürüme bozuklukları, duyusal defisitler, yorgunluk, baş dönmesi,

¹ Uzm. Dr., Sakarya Eğitim Araştırma Hastanesi, İç Hastalıkları Kliniği fatmabetulasan@hotmail.com

KAYNAKLAR

1. Smith BD, Smith GL, Hurria A, et al: Future of cancer incidence in the United States: Burdens upon an aging, changing nation. *J Clin Oncol* 27:2758-2765, 2009
2. Christman K, Muss HB, Case LD, et al. Chemotherapy of metastatic breast cancer in the elderly. The Piedmont Oncology Association experience [see comment]. *JAMA* 1992; 268:57.
3. Hurria A, Gupta S, Zauderer M, et al: *Developing a cancer-specific geriatric assessment: A feasibility study*. *Cancer* 104:1998-2005, 2005
4. Hurria A, Mohile S, Gajra A, et al: *Validation of a prediction tool for chemotherapy toxicity in older adults with cancer*. *J Clin Oncol* 34:2366-2371, 2016
5. Magnuson A, Allore H, Cohen HJ, et al: *Geriatic assessment with management in cancer care: Current evidence and potential mechanisms for future research*. *J Geriatr Oncol* 7:242-248, 2016
6. Baitar A, Kenis C, Moor R, et al: *Implementation of geriatric assessment-based recommendations in older patients with cancer: A multicentre prospective study*. *J Geriatr Oncol* 6:401-410, 2015
7. Mohile SG, Velarde C, Hurria A, et al: *Geriatic assessment-guided care processes for older adults: A Delphi consensus of geriatric oncology experts*. *J Natl Compr Canc Netw* 13:1120-1130, 2015
8. Wildiers H, Heeren P, Puts M, et al: *International Society of Geriatric Oncology consensus on geriatric assessment in older patients with cancer*. *J Clin Oncol* 32:2595-2603, 2014
9. Mohile SG, Dale W, Somerfield MR, et al. *Practical Assessment and Management of Vulnerabilities in Older Patients Receiving Chemotherapy: ASCO Guideline for Geriatric Oncology*. *J Clin Oncol*. 2018;36(22):2326-2347. doi:10.1200/JCO.2018.78.8687
10. SIOG(2011) , Practice guideline,Comprehensive Geriatric Assessment (CGA) in oncological patients (16/11/2020 tarihinde https://siog.org/files/public/cga_practice_guideline_wildiers_jul2011.pdf adresinden ulaşılmıştır.)
11. Clark DuMontier, Mina S. Sedrak, Wee Kheng Soo, et al. *Artı Hurria and the progress in integrating the geriatric assessment into oncology: Young International Society of Geriatric Oncology review paper*, *Journal of Geriatric Oncology*, 2020; 11(2):203-211, doi:10.1016/j.jgo.2019.08.005
12. Hurria A.Gupta S.Zauderer M. et al. *Developing a cancer-specific geriatric assessment: a feasibility study*. *Cancer*. 2005; 104: 1998-2005
13. Hurria A.Cirrincione C.T.Muss H.B. et al. *Implementing a geriatric assessment in cooperative group clinical cancer trials: CALGB 360401*. *J Clin Oncol*. 2011; 29: 1290-1296
14. Hurria A, Lichtman SM, Gardes J, et al. *Identifying vulnerable older adults with cancer: integrating geriatric assessment into oncology practice*. *J Am Geriatr Soc* 2007; 55(10):1604-8.
15. Puts MT, Santos B, Hardt J, et al. *An update on a systematic review of the use of geriatric assessment for older adults in oncology*. *Ann Oncol* 2014;25(2):307-15.
16. Stafford RS, Cyr PL. *The impact of cancer on the physical function of the elderly and their utilization of health care*. *Cancer* 1997; 80:1973.
17. Arik G, et.al. *Validation of Katz index of independence in activities of daily living in Turkish older adults*. *Arch gerontol geriatr* 2015;61(3):344-50
18. Guralnik JM, Simonsick EM, Ferrucci L et al *Short physical performance battery assessing lower extremity function: association with self-reported disability and prediction of mortality and nursing home admission*. *J Gerontol* (1994) 49:M85-M94
19. Podsiadlo D, Richardson S . *The timed "up & go": a test of basic functional mobility for frail elderly persons*. *J Am Geriatr Soc* 1991; 39:142-148
20. Tinetti ME, Speechley M, Ginter SF. *Risk factors for falls among elderly persons living in the community*. *N Engl J Med* 1988;319:1701-1707
21. Reuben, DB (2003) Principle of geriatric assessment. Hazzard WR (Ed.), *Principles of geriatric medicine and gerontology* içinde (99-110), New York, McGraw-Hill Professional

22. Valderas, Jose M et al. *Defining comorbidity: implications for understanding health and health services.* Annals of family medicine vol. 7,4 (2009): 357-63. doi:10.1370/afm.983
23. Yancik R. *Cancer burden in the aged: an epidemiologic and demographic overview.* Cancer 1997; 80:1273.
24. Extermann M, Overcash J, Lyman GH, et al. *Comorbidity and functional status are independent in older cancer patients.* J Clin Oncol 1998; 16:1582.
25. Plassman BL, Langa KM, Fisher GG et al. *Prevalence of dementia in the United States: the aging, demographics, and memory study.* Neuroepidemiology, 2007, 29:125–132
26. Thies W, Bleiler L. *Alzheimer's disease facts and figures.* Alzheimers Dement, 2011,7:208–244
27. Nasreddine ZS, Phillips NA, Bedirian V et al *The Montreal cognitive assessment, MoCA: a brief screening tool for mild cognitive impairment.* J Am Ger Soc, 2005,53:695–699
28. Vellas B, Guigoz Y, Garry PJ et al *The mini nutritional assessment (MNA) and its use in grading the nutritional state of elderly patients.* Nutrition, 1999, 15:116–122
29. Kua J. *The prevalence of psychological and psychiatric sequelae of cancer in the elderly - how much do we know?* Ann Acad Med Singapore 2005; 34:250.
30. Yesavage JA, Brink TL, Rose TL et al. *Development and validation of a geriatric depression screening scale: a preliminary report.* J Psychiatr Res, 1982,17:37–49
31. Seeman, TE, Berkman, LF, Kohout, F et al. *Intercommunity variations in the association between social ties and mortality in the elderly. A comparative analysis of three communities.* Annals of epidemiology, 1993, 3(4), 325–335.
32. Wellman NS, Weddle DO, Kranz S, et al. *Elder insecurities: poverty, hunger, and malnutrition.* Journal of the American Dietetic Association 1997;97(10 Suppl 2):S120-2.
33. Arean PA, Mackin S, Vargas-Dwyer E, et al. *Treating depression in disabled, low-income elderly: a conceptual model and recommendations for care.* International Journal of Geriatric Psychiatry 2010;25(8):765-9.
34. Kaufman DW, Kelly JP, Rosenberg L et al *Recent patterns of medication use in the ambulatory adult population of the United States: the Sloane survey.* JAMA, 2002, 287:337–344
35. Budnitz DS, Lovegrove MC, Shehab N et al *Emergency hospitalizations for adverse drug events in older Americans.* N Engl J Med 2011, 365:2002–2012. doi:10.1056/NEJMsa1103053
36. American Geriatrics Society 2015 Beers Criteria Update Expert Panel , *Updated beers criteria for potentially inappropriate medication use in older adults.* J Am Geriatr Soc,2015, 63:2227-2246. doi:10.1111/jgs.13702
37. Gallagher P, Ryan C, Byrne S et al (2008) STOPP (Screening Tool of Older Person's Prescriptions) and START (Screening Tool to Alert doctors to RightTreatment). Consensus validation. Int J Clin Pharmacol Ther 46:72-
38. Ellis G, Whitehead MA, Robinson D et al *Comprehensive geriatric assessment for older adults admitted to hospital: meta-analysis of randomised controlled trials.* BMJ, 2011,343:d6553. doi:10.1136/bmj.d6553
39. Wildiers H, Heeren P, Puts M, et al. *International Society of Geriatric Oncology consensus on geriatric assessment in older patients with cancer.* J Clin Oncol., 2014,Aug20;32(24):2595-603. doi: 10.1200/JCO.2013.54.8347.
40. Slaets JP. *Vulnerability in the elderly: frailty.* Med Clin North Am. 2006 Jul;90(4):593-601. doi: 10.1016/j.mcna.2006.05.008. PMID: 16843764.
41. Eşme M, Yavuz BB.(2018). Kapsamlı Geriatrik Değerlendirmenin Bileşenleri, Amacı ve Faydaları.Yavuz BB,(Ed.) *Kapsamlı Geriatrik Değerlendirme içinde* (s..1-7.) Ankara: Türkiye Klinikleri;
42. Palmer K, Onder G. Comprehensive geriatric assessment: Benefits and limitations. Eur J Intern Med. 2018 Aug;54:e8-e9. doi: 10.1016/j.ejim.2018.02.016. Epub 2018 Feb 19. PMID: 29472049.
43. Mohile, S. and A. Magnusson. "Comprehensive geriatric assessment in oncology." Interdisciplinary topics in gerontology 38 (2013): 85-103 .

44. Volpato, S., Guralnik, J. M.(2018) *The Different Domains of the Comprehensive Geriatric Assessment*. Pilotto, A., Martin, F.C. (Eds.) In Comprehensive geriatric assessment(pp. 11-26), Springer
45. Kalem, S.A., Öktem, Ö., Emre, M. *Kısa blessed oryantasyon-konsantrasyon testi (bomc) ve standartize minimental test(SMMT) betimsel istatistik değerlerinin bir normal erişkin türk örnekleminde saptanması; nöropsikiyatri arşivi*, 2002;39(2-3-4):95-102
46. Güngen, C., Ertan, T., Eker, E., Yaşar, R., ve ark. *Standardize Mini Mental Testinin Türk top-lumunda hafif demans tanısında geçerlik ve güvenilirliği*. *Türk Psikiyatri Dergisi*, 2002, 13, 273-281.
47. Gedik, G., Ülger, Z., Arık, G. Et al., *Validation Of The Mini-Cog Test For Screening Cognitive Impairment In Turkish Older Adults*, , Uluslararası Akademik Geriatri Kongresi, 2017, Pp38
48. Sourdet, S., Brechemier, D., Steinmeyer, Z. et al. *Impact of the comprehensive geriatric assessment on treatment decision in geriatric oncology*. *BMC Cancer* 20, 384 (2020). <https://doi.org/10.1186/s12885-020-06878-2>