

Bölüm 6

OTİZM SPEKTRUM BOZUKLUĞU

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GİRİŞ

Otistik spektrum bozukluğu sosyal iletişim ve etkileşim kalitesinde yetersizlik ve tekrarlayıcı davranış örüntüleri ile karakterize nörogelişimsel bir bozukluktur. Yapılan son çalışmalara göre sıklığı 54 çocukta 1'dir ve giderek bu oran artmaktadır (1).

Otizm ilk defa 1943 yılında Leo Kanner tarafından tanımlanmıştır (2). Yayımlanan makalesinde ekstrem otistik yalnızlık, gecikmiş ekolali ve aynılıkta ısrar gibi semptom öğeleri barındıran çocuklar tarif edilmiştir. Bu çocuklardan bazılarının sıra dışı bellek özellikleri ve zekâya sahip olabilecekleri de belirtilmiştir.

1952 yılından itibaren Ruhsal Bozuklukların Tanısal ve Sayımsal Elkitabı'na (DSM) bir tanı olarak girmiş ve o günden sonra da tanı kriterleri ve özellikleri değişerek günümüze kadar gelmiştir (3-5). Önceden sosyal iletişim ve etkileşimde sorunlar, stereotipik özellikler ve konuşma gelişiminde sorunlar olarak 3 ana semptom kümesi tanımlanmışken, 2013 yılında yayımlanan son tanı el kitabı ile birlikte konuşma gelişiminde sorunlar ayrı bir semptom kümesi olmaktan çıkarılmış ve sosyal etkileşim ve iletişimde sorunlar kümesinin alt ögesi hâline getirilmiştir.

TANI

Küçük çocukların ve bebeklerin otizm riskini belirleyen içeriğin de bulunduğu rutin gelişimsel taramadan geçmesi gerekir. Taramada sosyal ilişki kurmama, tekrarlayıcı ve olağandışı davranışlar gibi ana belirtilere yönelik soruların yer alması önerilmektedir (6,7). Ailelerin ve toplumun farkındalığını artırmaya yönelik kamusal girişimlerle bu taramaların desteklenmesi ve mümkün olduğunca erken yaşlarda tanı ve tedavi sürecinin başlaması gerekir. Tarama ve tanı sürecinde aile hekimleri, çocuk ve ergen psikiyatristleri, pediatrikler, klinik psikologlar, dil ve konuşma terapistleri, ergoterapistler, sosyal çalışmacıların katılımı ve multidisipliner çalışması gerekmektedir.

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KAYNAKLAR

1. Maenner MJ, Shaw KA, Baio J, et al. Prevalence of Autism Spectrum Disorder Among Children Aged 8 Years — Autism and Developmental Disabilities Monitoring Network, 11 Sites, United States, 2016. *MMWR Surveill Summ* 2020;69(No. SS-4):1–12.
2. Kanner L. Autistic disturbances of affective contact. *Nervous child*, 1943 2(3), 217-250.
3. APA (1952) *Diagnostic and Statistical Manual of Mental Disorders*, 1st edition (DSM-I). Washington, DC, American Psychiatric Association.
4. APA (2000) *Diagnostic and Statistical Manual of Mental Disorders*, 4th edition, text revision (DSM-IV-TR). Washington, DC, American Psychiatric Association.
5. APA (2013) *Diagnostic and Statistical Manual of Mental Disorders*, 5th edition (DSM 5). Washington, DC, American Psychiatric Association.
6. Volkmar F, Siegel M, Woodbury-Smith M, et al. Practice parameter for the assessment and treatment of children and adolescents with autism spectrum disorder. *Journal of the American Academy of Child & Adolescent Psychiatry*, 2014 53(2), 237-257.
7. Crowe BH, Salt AT. Autism: the management and support of children and young people on the autism spectrum (NICE Clinical Guideline 170). *Archives of Disease in Childhood-Education and Practice*, 2015100(1), 20-23.
8. Brett D, Warnell F, McConachie H, et al. Factors affecting age at ASD diagnosis in UK: no evidence that diagnosis age has decreased between 2004 and 2014. *Journal of autism and developmental disorders*, 2016 46(6), 1974-1984.
9. Oswald DP, Haworth SM, Mackenzie, BK, et al. Parental report of the diagnostic process and outcome: ASD compared with other developmental disabilities. *Focus on Autism and Other Developmental Disabilities*, 2017 32(2), 152-160.
10. Chawarska K, Klin A, Volkmar FR, eds. *Autism Spectrum Disorders in Infants and Toddlers: Diagnosis, Assessment, and Treatment*. NY:Guilford Press; 2008.
11. American Psikiyatri Birliği. *Ruhsal Bozuklukların Tanısal ve Sayımsal Elkitabı, Beşinci Baskı (DSM-5), Tanı Ölçütleri Başvuru elkitabı'ndan (çeviri ed. E Köroğlu) Ankara, Hekimler Yayın Birliği, 2013).*
12. Crane L, Chester JW, Goddard L, et al. Experiences of autism diagnosis: A survey of over 1000 parents in the United Kingdom. *Autism*, 2016 20(2), 153-162.
13. Paul R, Sutherland D. Enhancing early language in children with autism spectrum disorders. In: Volkmar FR, Klin A, Paul R, Cohen DJ, eds. *Handbook of Autism and Pervasive Developmental Disorders*, 3rd ed. Hoboken, NJ: Wiley; 2005:946-976.
14. Baranek GT, Parham LD, Bodfish JW. Sensory and motor features in autism: assessment and intervention. In: Volkmar FR, Klin A, Paul R, Cohen DJ, eds. *Handbook of Autism and Pervasive Developmental Disorders*, 3rd ed. Hoboken, NJ: Wiley; 2005:88-125.
15. Fombonne E. Epidemiology of pervasive developmental disorders. *Pediatr Res*. 2009;65(6):591-598.
16. Delobel-Ayoub M, Saemundsen E, Gissler M, et al. Prevalence of Autism Spectrum Disorder in 7–9-Year-Old Children in Denmark, Finland, France and Iceland: A Population-Based Registries Approach Within the ASDEU Project. *Journal of Autism and Developmental Disorders*, 2020 50(3), 949-959.
17. Dworzynski K, Ronald A, Bolton P, Happé F. How different are girls and boys above and below the diagnostic threshold for autism spectrum disorders? *J Am Acad Child Adolesc Psychiatry*. 2012;51(8):788-797.
18. Capal JK, Carosella C, Corbin E, et al. EEG endophenotypes in autism spectrum disorder. *Epilepsy & Behavior*, 2018 88, 341-348.
19. Mundy P. A review of joint attention and social-cognitive brain systems in typical development and autism spectrum disorder. *European Journal of Neuroscience*, 2018 47(6), 497-514.
20. Wolff JJ, Gu H, Gerig G, et al. Differences in white matter fiber tract development present from 6 to 24 months in infants with autism. *Am J Psychiatry*. 2012;169:589-600.

21. Brian J, Bryson SE, Smith IM, et al. Stability and change in autism spectrum disorder diagnosis from age 3 to middle childhood in a high-risk sibling cohort. *Autism*, 2016 20(7), 888-892.
22. Tick B, Bolton P, Happé F, et al. Heritability of autism spectrum disorders: a meta-analysis of twin studies. *Journal of Child Psychology and Psychiatry*, 2016 57(5), 585-595.
23. Frazier TW, Thompson L, Youngstrom EA, et al. A twin study of heritable and shared environmental contributions to autism. *Journal of Autism and Developmental Disorders*, 2014 44, 2013-2025.
24. Colvert E, Tick B, McEwen F, et al. Heritability of autism spectrum disorder in a UK population-based twin sample. *JAMA Psychiatry*, 2015 72, 415.
25. Nordenbæk C, Jørgensen M, Kyvik KO, et al. A Danish population-based twin study on autism spectrum disorders. *European Child and Adolescent Psychiatry*, 2014 23, 35-43.
26. Darcy-Mahoney A, Minter B, Higgins M, et al. Probability of an autism diagnosis by gestational age. *Newborn and Infant Nursing Reviews*, 2016 16(4), 322-326.
27. Fombonne E. Epidemiological studies of pervasive developmental disorders. In: Volkmar FR, Klin A, Paul R, Cohen DJ, eds. *Handbook of Autism and Pervasive Developmental Disorders*. 3rd ed. Hoboken, NJ: Wiley; 200.
28. Lai MC, Kasseh C, Besney R, et al. Prevalence of co-occurring mental health diagnoses in the autism population: a systematic review and meta-analysis. *The Lancet Psychiatry*, 2019 6(10), 819-829.
29. Leyfer OT, Folstein SE, Bacalman S, et al. Comorbid psychiatric disorders in children with autism: interview development and rates of disorders. *Journal of autism and developmental disorders*, 2006, 36(7), 849-861.
30. Crowe BH, Salt AT. Autism: the management and support of children and young people on the autism spectrum (NICE Clinical Guideline 170). *Archives of Disease in Childhood-Education and Practice*, 2015 100(1), 20-23.
31. Peters-Scheffer N, Didden R, Korzilius H, et al. A meta-analytic study on the effectiveness of comprehensive ABA-based early intervention programs for children with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 2011 5(1), 60-69.
32. Magiati I, Charman T, Howlin P. A two-year prospective follow-up study of community-based early intensive behavioural intervention and specialist nursery provision for children with autism spectrum disorders. *Journal of Child Psychology and Psychiatry*, 2007 48(8), 803-812.
33. Remington B, Hastings RP, Kovshoff H, et al. Early intensive behavioral intervention: Outcomes for children with autism and their parents after two years. *American Journal on Mental Retardation*, 2007 112(6), 418-438.
34. Virués-Ortega J. Applied behavior analytic intervention for autism in early childhood: Meta-analysis, meta-regression and dose-response meta-analysis of multiple outcomes. *Clinical psychology review*, 2010 30(4), 387-399.
35. Flippin M, Reszka S, Watson LR. Effectiveness of the Picture Exchange Communication System (PECS) on communication and speech for children with autism spectrum disorders: A meta-analysis. *American Journal of Speech-Language Pathology*, 2010.
36. Ganz JB, Davis JL, Lund EM, et al. Meta-analysis of PECS with individuals with ASD: Investigation of targeted versus non-targeted outcomes, participant characteristics, and implementation phase. *Research in developmental disabilities*, 2012 33(2), 406-418.
37. Parsons L, Cordier R, Munro N, Joosten A, et al. A systematic review of pragmatic language interventions for children with autism spectrum disorder. *PLoS One*, 2017 12(4), e0172242.
38. Virués-Ortega J, Julio FM, Pastor-Barriuso R. The TEACCH program for children and adults with autism: A meta-analysis of intervention studies. *Clinical psychology review*, 2013 33(8), 940-953.
39. Fulton E, Eapen V, Črnčec R, et al. Reducing maladaptive behaviors in preschool-aged children with autism spectrum disorder using the Early Start Denver Model. *Frontiers in pediatrics*, 2014, 2, 40.

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40. Madden JM, Lakoma MD, Lynch FL, et al. Psychotropic medication use among insured children with autism spectrum disorder. *J Autism Dev Disord.* 2017;47(1):144–154.
41. Garrido D, Carballo G, Garcia-Retamero R. Siblings of children with autism spectrum disorders: social support and family quality of life. *Quality of Life Research,* 2020 1-10.