

Full Clinical Presentation

Associated Features

Common Comorbidities

Full Clinical Presentation

ADHD is a chronic neurodevelopmental disorder characterized not only by impaired levels of inattention, hyperactivity, and/or impulsivity but also several associated features and comorbidities^{1,*}

Core Symptoms (DSM-5-TR)

Associated Features (DSM-5-TR)

Major Comorbidities (DSM-5-TR)

*"Complex" ADHD includes individuals presenting with 1 or more comorbidities.

†Additional major comorbidities include depression, sleep disorders, and SUDs.

ADHD, attention-deficit/hyperactivity disorder; DSM-5-TR, Diagnostic and Statistical Manual of Mental Disorders (Fifth Edition, Text Revision); SUD, substance use disorder

References:

1. American Psychiatric Association. 5th ed, text revision. American Psychiatric Association; 2022.
2. Centers for Disease Control and Prevention. November 19, 2024. Accessed April 28, 2025. <https://www.cdc.gov/adhd/data/index.html>
3. Soler-Gutiérrez AM, Pérez-González JC, Mayas J. Evidence of emotion dysregulation as a core symptom of adult ADHD: A systematic review. *PLoS One*. 2023;18(1):e0280131. Published 2023 Jan 6. doi:10.1371/journal.pone.0280131
4. Bodalski EA, Flory K, Meinzer MC. A Scoping Review of Factors Associated With Emotional Dysregulation in Adults With ADHD. *J Atten Disord*. 2023;27(13):1540-1558. doi:10.1177/10870547231187148
5. Shaw P, Stringaris A, Nigg J, Leibenluft E. Emotion dysregulation in attention deficit hyperactivity disorder. *Am J Psychiatry*. 2014;171(3):276-293. doi:10.1176/appi.ajp.2013.13070966
6. Perugi G, Pallucchini A, Rizzato S, Pinzone V, De Rossi P. Current and emerging pharmacotherapy for the treatment of adult attention deficit hyperactivity disorder (ADHD). *Expert Opin Pharmacother*. 2019;20(12):1457-1470.
7. Schein J, Cloutier M, Gauthier-Loiselle M, Bungay R, Guerin A, Childress A. Symptoms associated with ADHD/treatment-related adverse side effects and their impact on quality of life and work productivity in adults with ADHD. *Curr Med Res Opin*. 2023;39(1):149-159. doi:10.1080/03007995.2022.2122228
8. Ben-Dor Cohen M, Eldar E, Maeir A, Nahum M. Emotional dysregulation and health related quality of life in young adults with ADHD: a cross sectional study. *Health Qual Life Outcomes*. 2021;19(1):270. Published 2021 Dec 20. doi:10.1186/s12955-021-01904-8
9. van Stralen J. Emotional dysregulation in children with attention-deficit/hyperactivity disorder. *Atten Defic Hyperact Disord*. 2016;8(4):175-187. doi:10.1007/s12402-016-0199-0
10. Willcutt EG, Doyle AE, Nigg JT, Faraone SV, Pennington BF. Validity of the executive function theory of attention-deficit/hyperactivity disorder: a meta-analytic review. *Biol Psychiatry*. 2005;57(11):1336-1346. doi:10.1016/j.biopsych.2005.02.006
11. Silverstein MJ, Faraone SV, Leon TL, Biederman J, Spencer TJ, Adler LA. The Relationship Between Executive Function Deficits and DSM-5-Defined ADHD Symptoms. *J Atten Disord*. 2020;24(1):41-51. doi:10.1177/1087054718804347
12. Kosheleff AR, Mason O, Jain R, Koch J, Rubin J. Functional Impairments Associated With ADHD in Adulthood and the Impact of Pharmacological Treatment. *J Atten Disord*. 2023;27(7):669-697. doi:10.1177/10870547231158572
13. Adler LA, Faraone SV, Spencer TJ, Berglund P, Alperin S, Kessler RC. The structure of adult ADHD. *Int J Methods Psychiatr Res*. 2017;26(1):e1555. doi:10.1002/mpr.1555
14. Kofler MJ, Irwin LN, Soto EF, Groves NB, Harmon SL, Sarver DE. Executive Functioning Heterogeneity in Pediatric ADHD. *J Abnorm Child Psychol*. 2019;47(2):273-286. doi:10.1007/s10802-018-0438-2
15. Brown TE, Brams M, Gao J, Gasior M, Childress A. Open-label administration of lisdexamfetamine dimesylate improves executive function impairments and symptoms of attention-deficit/hyperactivity disorder in adults. *Postgrad Med*. 2010;122(5):7-17. doi:10.3810/pgm.2010.09.2196
16. Holst Y, Thorell LB. Functional impairments among adults with ADHD: A comparison with adults with other psychiatric disorders and links to executive deficits. *Appl Neuropsychol Adult*. 2020;27(3):243-255. doi:10.1080/23279095.2018.1532429
17. Arnold LE, Hodgkins P, Kahle J, Madhoo M, Kewley G. Long-Term Outcomes of ADHD: Academic Achievement and Performance. *J Atten Disord*. 2020;24(1):73-85. doi:10.1177/1087054714566076
18. Rinsky JR, Hinshaw SP. Linkages between childhood executive functioning and adolescent social functioning and psychopathology in girls with ADHD. *Child Neuropsychol*. 2011;17(4):368-390. doi:10.1080/09297049.2010.544649