

ADHD beyond symptoms:

Understanding prevalence,
comorbidity and differential
clarity in clinical practice



Disclaimer: This material is intended for informational and educational purposes only. It highlights patterns and considerations commonly observed in clinical practice but does not capture the full complexity of ADHD or co-occurring conditions. Please refer to DSM-5-TR, ICD-10/11, and national guidelines for diagnosis and management. The authors and publishers assume no responsibility for clinical decisions made based on this content.

Global ADHD statistics

Prevalence and impact

Approximately
1 million

more US children had been diagnosed with ADHD in 2022 compared with 2016



The global ADHD therapeutics market is projected to grow from roughly \$25 billion in 2024 to

over
\$45 billion
by 2034



NHS estimates for February 2026 suggest over

735,000 people
may be waiting for
an ADHD assessment



ADHD and comorbidities

Over half
of adults with ADHD

have at least one comorbid psychiatric condition, and nearly 40% have two or more



42%

of children with Autism (ASD) also meet ADHD diagnostic criteria



ADHD and anxiety disorders are among the most common psychiatric disorders with a

25%–50%
comorbidity rate



Sleep problems are reported in an estimated

25%–50%

of individuals who have ADHD



At least
40%

of adults with Substance use Disorder (SUD) have ADHD



Source reference: Tandfonline (2024); Fact.MR ADHD Therapeutics Market; NHS Digital MI ADHD (Feb 2026); PMC7009330 (NIH); Springer Brain Imaging & Behavior (2015); SAGE J Atten Disord (2014); PMC6299464 (NIH).

ADHD vs anxiety

How symptoms show up day to day

Overlapping symptoms:		Distinguishing symptoms:	
Excessive apprehension/worry (inattentive/hesitancy/caution)		Symptoms must persist for six months through two or more settings	
Feeling restless or keyed up		Irritability, muscle tension, and sleep disturbance	
Difficulty concentrating or mind-blanking		Symptom severity can vary by task or event	
Losing track of items of necessity		Symptoms more likely related to social events than day to day tasks	
		Can typically be tied back to a specific event or time in which symptoms began (symptoms not present before this event)	

ADHD vs autism

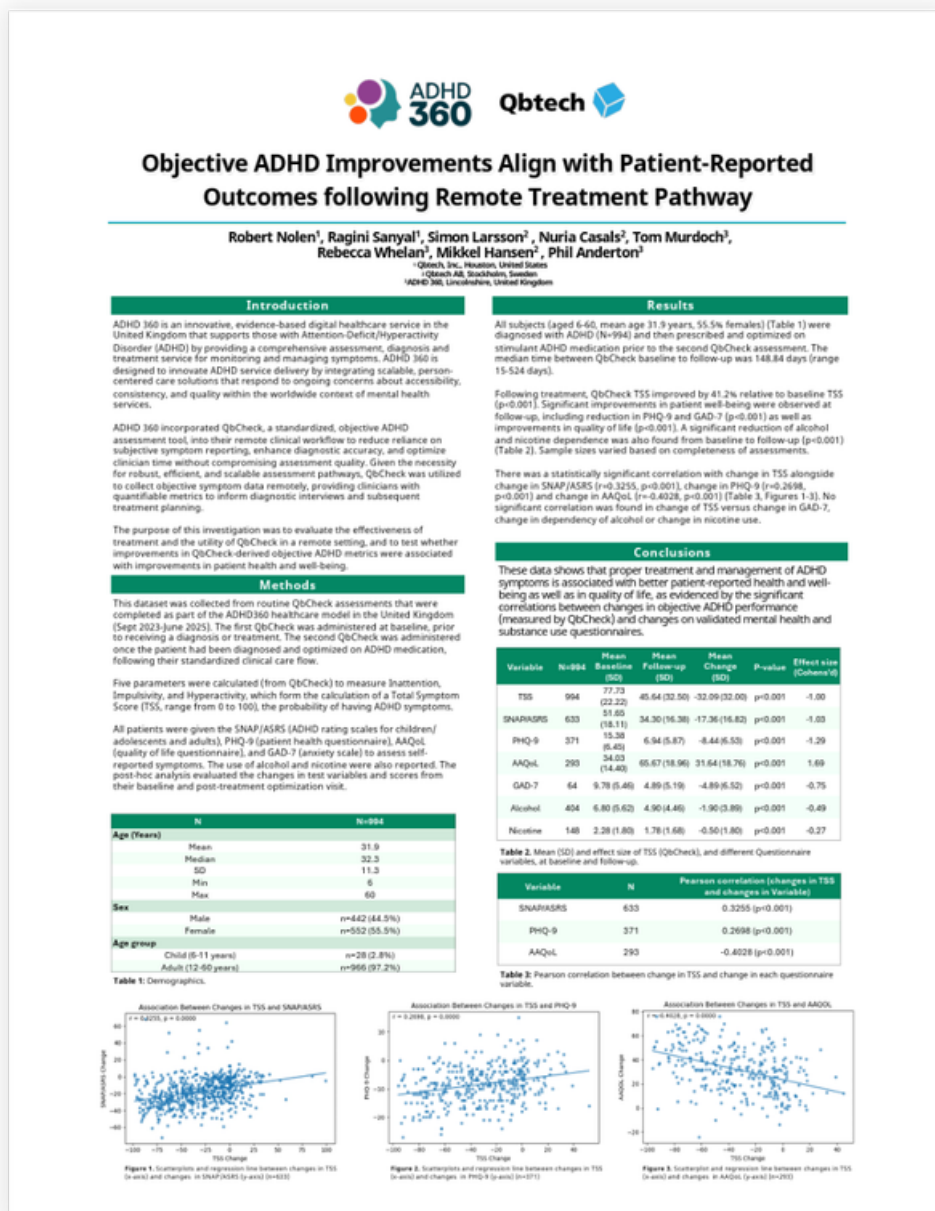
How symptoms show up day to day

Overlapping symptoms:		Distinguishing symptoms:	
Restricted or repetitive behaviors		Symptoms must be present ages 3-7	
Difficulty focusing on tasks of low interest		Social communication and social interaction deficits across multiple domains	
Difficulty being redirected or adapting to change		Unusual interest in sensory aspects	
Repetitive motor movements		Deficits in verbal and/or non-verbal communication	
		Deficits in maintaining or understanding relationships	

Efficacy of objective assessment tools

Real-world data to inform patient care

The present study aims to evaluate the effectiveness of ADHD treatment and the utility of objective tools in a remote setting. It also explored improvements in objective ADHD metrics and their association with improvements in patient health and well-being.



[Read study](#)

Clinician resources

Patient developmental history and data gathering

A child's developmental history often holds early cues to behaviors typically associated with ADHD. Did you know, babies born before 33 weeks are two to three times more likely to develop ADHD?



Why patient developmental history is crucial for an ADHD diagnosis



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SEASON 3 EPISODE 4

Remote testing and medication management

Insufficiently treated ADHD negatively affects many consequences. Effective monitoring and treatment of ADHD is therefore preferable and would in turn improve functionality and quality of life of the individual.

[Ready study](#)

Absent or hidden? Hyperactivity in females with ADHD

Historically believed to be a condition that affects only males, this study explores how females with ADHD suffer equally from hyperactivity, challenging the notion of a sex-dependent presentation of hyperactivity.

[Read study](#)

ADHD and co-morbidities: getting clarity in complex cases

Trauma, autism, anxiety, and sleep problems; Many patients present with overlapping conditions that may muddy the diagnostic waters. Experts discuss triage strategies that protect patient safety without overloading the system.



ADHD and co-morbidities: getting clarity in complex cases



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Clinical practice guidelines

DSM-5, ICD-10, ICD-11, NICE guidance

Feature	DSM-5	ICD-10	ICD-11	NICE guideline NG87
Diagnostic criteria	9 Inattention symptoms, 9 hyperactivity/impulsivity symptoms	Checklist-style descriptions of inattention, hyperactivity, and impulsivity symptoms	Descriptive symptom clusters	Refers to DSM-5 or ICD-11 criteria for diagnosis
Number of symptoms required for diagnosis in children	6+ inattentive and/or 6+ hyperactive-impulsive	No fixed number specified, but symptoms must be present across all 3 domains	No fixed number specified	Follows DSM-5 or ICD-11
Number of symptoms required for diagnosing adults/over 17s	5+ inattentive and/or 5+ hyperactive-impulsive	No fixed number specified, diagnostic criteria more child-focused	No fixed number specified	Follows DSM-5 or ICD-11
Age of onset requirement	Symptoms present before age 12	Onset in early childhood	Symptoms present before age 12	Follows DSM-5 or ICD-11
Settings	Impairment in 2 or more settings	Impairment in multiple settings	Impairment in multiple settings	Impairment in multiple settings, including 2 or more important settings
Comorbidities	Covered in "Differential Diagnosis"	F90.1 diagnosis code for co-occurring conduct disorder. Limited detail on wider comorbidities	Covered in "Boundaries with Other Disorders"	Details on medication for people with coexisting conditions
Treatment guidance included?	No	No	No	Yes – medication, non-pharmacological treatment, monitoring, shared care all included

Clinical practice guidelines

DSM-5 criteria for adult ADHD

Table 1: DSM 5 criteria for Adult ADHD

DSM 5 criteria: adult ADHD

Criteria A	Five or more symptoms of inattention or hyperactivity/impulsivity
Criteria B	Several symptoms present by the age 12
Criteria C	Several symptoms present in two or more settings
Criteria D	Several interfere with or reduce quality of social, economical or occupational functioning
Criteria E	Symptoms are not better explained by another condition, such as mood disorder

DSM 5 ADHD symptoms: inattention

- **INATTENTION (nine symptoms)**

- | | |
|--|---|
| a) Lack of attention to detail, make careless mistakes | e) Problems organizing tasks and activities |
| b) Difficulty sustaining attention | f) Avoids or dislikes sustained mental effort |
| c) Does not listen when spoken to directly | g) Loses and misplaces things |
| d) Trouble completing or finishing jobs or tasks | h) Easily distracted |
| | i) Forgetful in daily activities |

DSM 5 ADHD symptoms: hyperactivity/impulsivity

- **HYPERACTIVITY (six symptoms)**

- a) Fidgetiness (hands or feet) or squirming in seat
- b) Leaves seat when not supposed to
- c) Restless or overactive
- d) Difficulty engaging in leisure activities quietly
- e) Always 'on the go'
- f) Talks excessively

- **IMPULSIVITY (three symptoms)**

- g) Blurts out answers before questions have been completed
- h) Difficulty waiting in line or taking turns
- i) Interrupts or intrudes on others when they are working or busy

This table shows the criteria for an adult ADHD diagnosis as per DSM-5 guidelines