



ATMOS

Disclaimer: Please note that Takeda has provided support to the organisation represented within this write up.

Executive Summary

The Avon and Wiltshire Mental Health Partnership Trust (AWP) Specialist ADHD Service has been supporting adults in Bristol, South Gloucestershire, and North Somerset since 2008, offering assessment and treatment for those diagnosed with ADHD or who suspect they may have the condition. Over the years, the service has seen a dramatic rise in referrals, mirroring both national and international trends in adult ADHD awareness and diagnosis.

In response to this growing demand, the service began working in partnership with Takeda and Leicestershire Health Informatics Service in 2018 to develop a digital solution that would streamline data collection. This collaboration led to the creation of ATMOS — the Assessment Tool for Measuring OutcomeS. Since going live in 2021, ATMOS has become a central part of the service, successfully collecting and storing data from around 2,500 patients.

The ATMOS System

ATMOS is now embedded in every stage of the patient journey, from initial screening and assessment to treatment and annual reviews. Patients access the system securely via the NHS app or a dedicated login, allowing them to complete questionnaires from their computer or smartphone. The system's flexibility means it can host a wide range of questionnaires, not only for ADHD-specific assessments but also for tracking broader outcome measures over time.

Screening and Assessment

As part of the referral process, patients are sent both qualitative and quantitative ADHD measures through ATMOS. These responses are compiled into a report that clinicians can interpret to decide whether further assessment is needed. Patients also complete qualitative history questionnaires in their own words, which are used to pre-populate assessment reports—significantly reducing the administrative burden on clinicians. Additionally, a pre/post-treatment qualitative questionnaire helps gather information about a patient's current health status and can be used to identify those who may require an in-person annual review.

Quantitative Outcomes

ATMOS has proven to be a more efficient and reliable method of collecting outcome data compared to traditional pen-and-paper approaches. This has become especially important since the service transitioned to mostly online appointments following the COVID-19 pandemic. A service evaluation conducted in 2023 involving over 200 patients demonstrated that ATMOS was both clinically effective and more practical than non-digital alternatives.

Further evaluation in 2024 revealed that 50% of patients due for an annual review could be safely assessed using questionnaires alone, eliminating the need for a face-to-face appointment and saving valuable clinical time and resources. ATMOS also played a key role in a full service waiting list validation between 2023 and 2024, helping the team better understand patient needs, symptom profiles, and potential comorbidities. A predictive data evaluation in 2024 confirmed that the outcomes generated by ATMOS questionnaires aligned closely with diagnostic decisions.

Qualitative Outcomes

ATMOS is now fully integrated into the service and serves as the primary tool for outcome measurement and pre-appointment data collection. Staff have consistently praised the system for its usefulness in supporting clinical work and improving workflow. The transition to digital has been transformative for the team, with one clinician noting, "There's no going back now in a digital team—ATMOS is core to our ability to deliver a partly remote service."

Key contacts

For further information about the service or the ATMOS system, please contact:

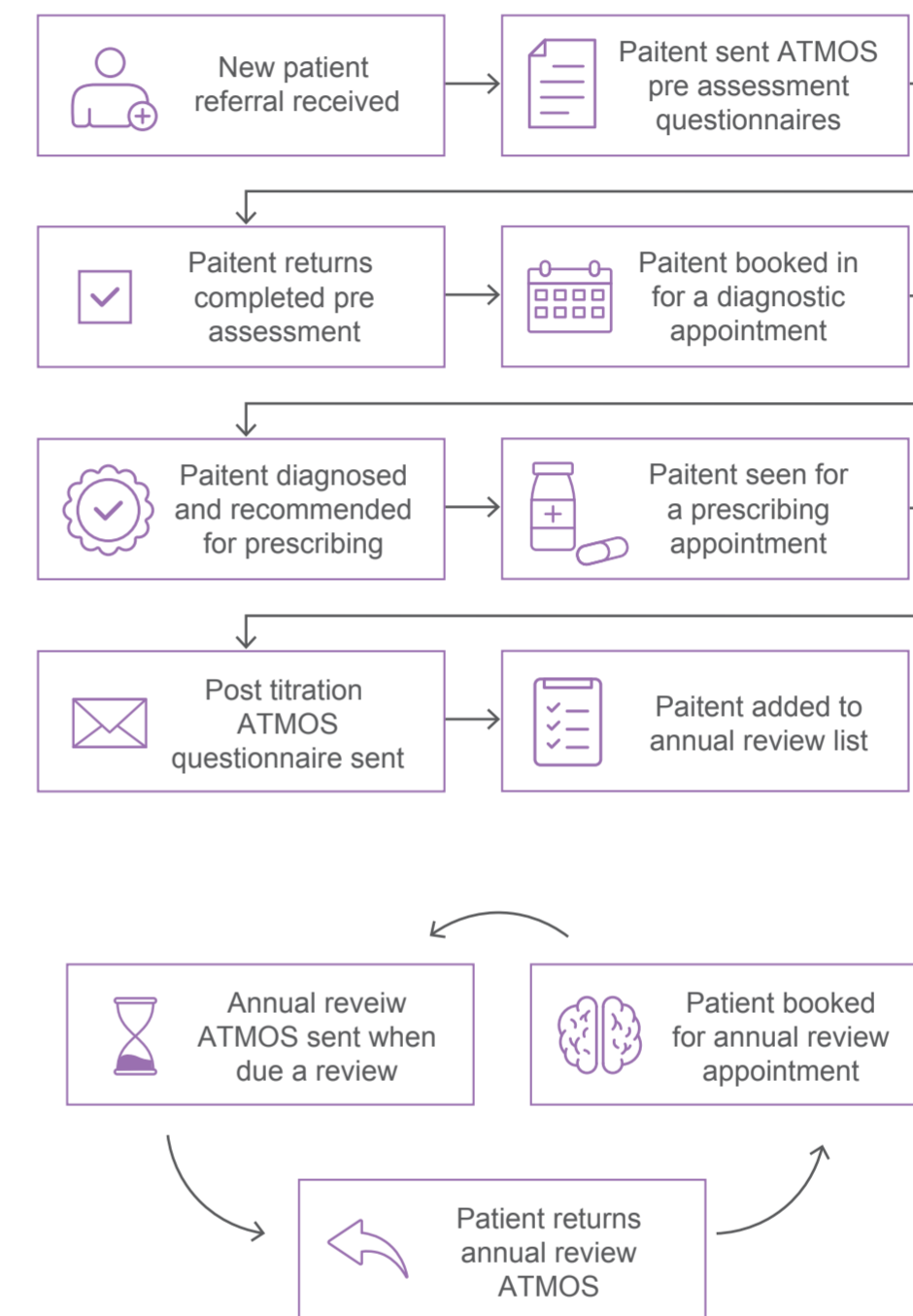
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Specialised ADHD service ATMOS pathway



Non-Completion Protocol

If a patient does not return ATMOS questionnaire:

- Patient is discharged
- They may return completed questionnaires post-discharge to re-enter the pathway at point of appointment booking.