

Evaluation of the Medentum Diagnostik Platform for Pediatric ENT Conditions and Asthma

NCT07500532

Status	RECRUITING
Phase	Not Applicable
Sponsor	Medentum Innovations
Enrollment	84 participants

Key Eligibility Criteria

Inclusion (6)

- Age: Patients between the ages of 4 and 17 years (asthma) and 3-17 years (ENT)
 - Diagnosis:
 - Asthma patients: Diagnosed with mild-to-moderate and severe persistent asthma according to Global Initiative for Asthma (GINA) guidelines, with a history of symptoms or exacerbations requiring medical intervention (prior prednisone course and/or albuterol for >24 hours in context of acute wheezing episode) in the past 12 months. ENT patients: Diagnosed with common ENT conditions such as acute otitis media (AOM) or strep pharyngitis in the prior year. Diagnosis must be based on established clinical guidelines.
 - Technology access: Must have access to a smartphone, tablet, or other device capable of running the Medentum Diagnostik platform app and access to Wifi or cellular service.
 - Care access: Must be receiving routine care from University of Arizona or associated clinics in Arizona and have active health insurance
- ... and 1 more (see full listing online)

Exclusion (5)

- Other medical conditions: Patients with additional chronic lung diseases (such as cystic fibrosis) requiring complex specialist care will be excluded. cerebral palsy, neurodevelopmental conditions, congenital heart disease. Patients with complex chronic conditions or chronic ENT conditions requiring complex specialist care will be excluded.
- Recent surgical/complex ENT medical history: Patients who have had tympanostomy tubes or tonsillectomy/adenoidectomy, patients with chronic ENT conditions including chronic suppurative or serous otitis media
- Recent medical history: Patients who have experienced severe asthma exacerbations requiring hospitalization or intensive treatment in the past 4 weeks
- Comorbidities: Patients with speech delays, hearing impairments, or cognitive impairments that may affect their ability to use the Diagnostik platform accurately will be excluded.
- Non-compliance risk: Patients or families that are unable to follow study instructions, comply with follow-up visits, or properly use the Medentum platform will be excluded.

Locations (1 total)

El Rio Health System, Tuscon, Arizona, United States

<https://clinicaltrials.gov/study/NCT07500532>

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