Enhanced Care Management Programs for Children with Asthma in the US
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Background
- 65% of the children with persistent asthma were underusing preventive medication at 1 year follow up (Lieu et al, 2021)
- Enhanced care package interventions have been found to reduce emergency care usage children with asthma (Rylance, 2021)
- A landscape summary of interventions for children with asthma to prevent emergency room visits is needed.
- Little known on which interventions are effective.

Objective: Identify interventions, policies, and programs at the community, state, and federal level regarding enhanced care management for children with asthma.

Methods
Study Design: Systematic Literature Review

Identification
Records identified from: PubMed (n = 843)

Title and Abstract Screening
Excluding: Non-English papers, published before 2013, Adult only, non-empirical studies

Full Text Review
Identify additional exclusion criteria with PI and Mentors

Included
Studies to be included in qualitative synthesis.

Anticipated Results
- Heavy focus on asthma intervention through policy, community programs, and clinical intervention
- Low number of papers on intersection between asthma care with other chronic conditions
- There is a need for interventions to reduce racial and socioeconomic disparities in preventable ambulatory care

Next Steps
- Title and Abstract Screening
- Expanding ambulatory care sensitive conditions in inclusion criteria for future projects
- Examine the impact of Medicaid on enhanced care management

References/Acknowledgement
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Search Term: “medicaid”, “community intervention programs”, “enhanced care”, and “asthma”

Figure 1: PRISMA Flow Diagram for Systematic Review