

Colorado Healthcare Provider Perspectives on a School-Based Asthma Program

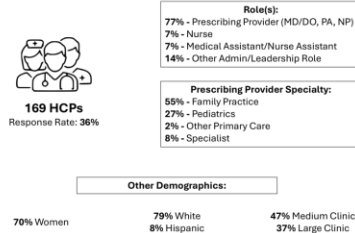
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Background

- Uncontrolled asthma in school-aged children causes 36% of pediatric ED visits and over 10 million missed school days annually.
- School-based asthma programs (SBAPs) reduce missed school days and asthma hospitalizations by as much as 66% and 45%, respectively.
- Better Asthma Control for Kids (BACK) is a SBAP in Denver that seeks to improve 1) asthma self-management in children and 2) care coordination between school nurses and HCPs.

Results



Conclusions

- Childhood asthma care is a high priority, but clinics need more resources/staff including **asthma education materials**
- Care coordination and communication between HCPs and school nurses has considerable room for improvement
- High perceived importance of SDOH on asthma management, but social needs not always assessed

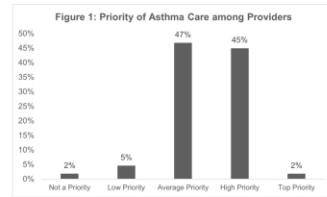
Setting/Population

- To prepare to implement BACK in five new Colorado regions, outpatient HCPs surveyed to explore questions related to asthma care.



Priority of Asthma Care

*Prescribing Providers in Primary Care (Family Practice, Pediatrics, Other Primary Care) only (n=109)



Availability of Resources

*Prescribing Providers in Primary Care (Family Practice, Pediatrics, Other Primary Care) only (n=109)



Implications for BACK

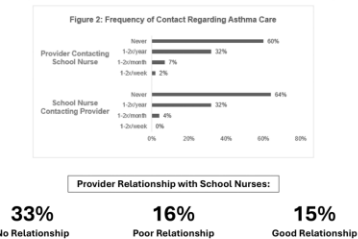
- Findings have guided BACK's implementation plan:
- Asthma navigators serve as support staff and liaison between HCPs and school nurses
 - Published asthma education materials
 - Templated coordination notes to share assessments and requests between HCPs and school nurses
 - Published social resource lists available for patients through clinics, schools, and asthma navigators

Methods

- Purposive sampling method to distribute surveys to clinics that treat pediatric asthma.
- Survey questionnaire domains informed by Pragmatic Robust Implementation Sustainability Model (PRISM):
 - Multi-level HCP and clinic staff perspectives
 - Asthma care priorities
 - Adequacy of asthma management resources
 - Care coordination assessment
 - SDOH perspectives and needs

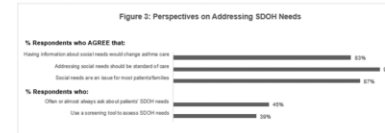
Care Coordination

*Prescribing Providers in Primary Care (Family Practice, Pediatrics, Other Primary Care) only (n=109)



Social Determinants of Health

*Prescribing Providers, Nurses, MA/NA in Primary Care (Family Practice, Pediatrics, Other Primary Care) only (n=130)



Disclosures/References

No conflicts of interests to disclose.

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