

Measuring Medical Homes: Tools to Evaluate the Pediatric Patient- and Family-Centered Medical Home

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Tools to Evaluate the Pediatric Patient- and Family-Centered Medical Home

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Purpose

- Presents various tools available and in use to identify, recognize and evaluate a practice as a pediatric medical home
- Reviews the relative merits of existing tools to inform purchasers, payors, providers, patients, and health services researchers



Framework

- Section I: The Patient- and Family-Centered Medical Home
- Section II: Measurement of the Pediatric Medical Home
- Section III: Tools to Measure the Pediatric Medical Home
- Section IV: Future Direction in Measurement of the Pediatric Medical Home



Desirable Characteristics of a Medical Home

- Accessible
- Family-Centered
- Continuous
- Comprehensive
- Coordinated
- Compassionate
- Culturally Effective

AAP, Medical Home for Children with Special Needs Project Advisory Committee, The medical home, *Pediatrics*. 2002; 110: 184-186



Tools Reviewed

- Consumer Assessment of Healthcare Providers and Systems (CAHPS) Child Primary Care Questionnaire 2.0 (beta)
- Components of Primary Care Instrument (CPCI)
- Family-Centered Care Self-Assessment Tool
- Medical Home Index (MHI) and Medical Home Family Index (MHFI)
- Medical Home Implementation Quotient (MHIQ)
- Measure of Processes of Care (MPOC)
- Primary Care Assessment Survey (PCAS)
- Primary Care Assessment Tools (PCAT)
- Promoting Healthy Development Survey (PHDS)
- Physicians Practice Connections – Patient-Centered Medical Home (PPC-PCMH)
- Parent’s Perceptions of Primary care (P3C)
- Young Adult Health Care Survey (YAHCS)



Description of Tools

- Background
- Purpose
- Description
- Development
 - Year of release
 - Number of items
 - Length of time to complete
 - Languages available
 - Type of respondent
 - Formats for completion
 - Response set
 - Cost for use
- Examples of Uses
- Obtaining a Copy or Permission to Use



Assessment of the Tools

- Coordination and family-centered care most represented attributes across tools
- Accessibility and compassion least represented attributes
- Family Centered-Care Self-Assessment Tool, Primary Care Assessment Survey and Primary Care Assessment Tool contained most elements
- None of the tools contained more than one element of all domains as defined by the AAP



Difficulties in Measurement

- Primary care addresses a wider range of patient needs, beyond disease-oriented preventive or treatment programs
- Outcomes of primary care less specific than disease-oriented preventive or treatment programs
- Within medical home demonstrations, challenges with need to understand relationship between changes in processes and structures with outcomes



Difficulties in Measurement

- “Without adequate and standardized methods for measuring this concept, it is not possible to determine what practices have achieved a medical home. Research on the outcomes related to the adoption of a medical home is even more problematic to determine when there is no accepted definition. Because of the lack of standardization and the previous ambiguity of the definition, it is not always clear that researchers are measuring the same construct”.

Wallis A, Mercer, K, Askelson N. Evaluation of the Statewide Implementation of the Medical Home Concept for Children with Special Health Care Needs, Phases 1 and 2. Iowa City, IA: Iowa Center for Evaluation Research; 2005.



Recommendations

- Reach consensus on specific elements within each attribute of a pediatric medical home (same for adults and children?)
- Develop new or expanded tools to incorporate appropriate constructs for evaluating a pediatric medical home
- Develop new or expand existing tools for parallel formats to incorporate multiple perspectives)and possible use for quality improvement)



Recommendations

- Greater inclusion of pediatric practices in medical home pilot and demonstration projects



For More Information

- National Center for Medical Home Implementation (a cooperative agreement between the Maternal and Child Health Bureau/HRSA and the American Academy of Pediatrics)

[http://www.medicalhomeinfo.org/how/performance_ management.aspx](http://www.medicalhomeinfo.org/how/performance_management.aspx)

- A limited number of hard copies are available at no charge (Corrie Pierce cpierce@aap.org or (847) 434-7605)



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