

Problem

School Nurses lag acute nurses in development of measures sensitive to nursing interventions

Established measures:

- NDNQI : Falls, Decubitus, Central line infections, Failure to Rescue, Readmission, Pain assessment
- AHRQ Pediatric Quality Indicators: Asthma admissions, Diabetes short-term complications, Perforated appendix, Urinary tract infection admissions
- NQF Child Health Outcome Measures: Children who have problems obtaining referrals; Children who did not receive care coordination or satisfactory communication



Structure Measures (selected sample)

Free & Reduced Lunch
 State school nurse leadership
 Disabilities
 Acute health system, School Based Health Center, community providers
 EMS response time
 School supports
 Geography, Distance
 Rural urban suburban
 Transportation

Process Measures (selected sample)

Assessment
 Care plans, Emergency Plans, IEPs
 Care coordination / Communicate
 Health Promotion
 Staff & faculty training
 UAP Supervision
 Immunization practices
 Medication practices
 SCHIP enrollment
 Vision Hearing Screening follow up

Outcome Measures

Health outcomes

911
 Surveillance
 Failure to rescue
 Deaths
 Serendipitous case finding
 Emergency room utilization / Hospitalizations
 Health care costs
 Immunization rate
 Health office visits / Medical Home
 Pregnancy
 Injury
 Health and lifestyle behaviors
 Vision follow-up
 Smoking
 Seatbelts, etc
 Medications, errors, missed dose, wrong dose
 Quality of life

Behavior
 Well-being
 Depression
 Connectedness
 Obesity / Nutrition – healthy food / Physical activity
 Dental health
 Insurance

Education outcomes

Inclusion / Exclusion
 Instruction time / Early dismissal / Attendance
 Test scores / Achievement
 Graduation rates

Phase I Consensus Panel

2008 – 2010 School Nurse Leaders Panel

- Consensus on set of potential sensitive indicators
- Feedback & clarification at national conference

Phase II Delphi Panel

2011 – 2012

- Establish definitions for critical indicators
- Score indicators scale 1-9 validity feasibility usability
- Conduct pilot studies
- Include measures in electronic student health records
- Disseminate to research partners

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