Developmental Screening Learning Community

February 20, 2019
# Developmental Screening Learning Community Call

February 20, 2019
9:00-10:00 a.m.

**Meeting Information:**
Zoom Meeting Room: [https://zoom.us/j/3933567720](https://zoom.us/j/3933567720)
Conference Call-in #: 1-408-638-0968
Meeting ID #: 393-356-7720

<table>
<thead>
<tr>
<th>Welcome &amp; Introduction</th>
<th>9:00-9:10 a.m.</th>
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</thead>
<tbody>
<tr>
<td>Developmental Screening Quality Improvement Project</td>
<td>9:10-9:40 a.m.</td>
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<tr>
<td>• General Information</td>
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<td>• Driver Diagram</td>
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<td>• Team Highlights: Grant County</td>
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<td>Life QI Platform</td>
<td>9:40-9:55 a.m.</td>
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<td><a href="https://us.lifeqisystem.com/login/">https://us.lifeqisystem.com/login/</a></td>
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<tr>
<td>Wrap-up &amp; Next Steps</td>
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- In-person MCH Summit: April 16 & 17 (Eau Claire)
- June 19, 2019
- August 21, 2019
- December 4, 2019
Aim to Increase Community-based Sites Conducting DEVELOPMENTAL SCREENING
AIM: 69% of sites listed in REDCap will be conducting developmental screening.
Why Developmental Screening?

Approximately 12-16% of children have disabilities

- Only 30% of children with disabilities are detected before school entrance

Screening is more effective than surveillance alone at early identification of children with developmental delays

- One study showed children screened with ASQ compared surveillance alone
  - Detected significantly more delays (23-26% vs 13%)
  - Generated more referrals to early intervention (18-20% vs 10%)

Multiple sectors screening helps to build community systems of health

Earls & Shackelford, Pediatrics, 2006; Glascoe, Pediatric Review, 2000; Guevara, Pediatrics, 2013
Approach

• Learning Community = cohort of local public health and tribal health teams using quality improvement (QI) methods to reach aim
  – Facilitated by WISMHI

• Over 12 months, teams participate in learning community calls & enter data into REDCap on their efforts

• FOCUS: Increasing community sites conducting developmental screening
Learning Community Roles

**WISMHI**
- Implements all phases of the project
- Establishes and facilitates calls
- Communicates updates and results to teams
- Offers targeted, as needed coaching

**MCH Program**
- Provides funding to LPH, TH and WISMHI
- Directs focus of work (NPM 6)
- Monitors contracts
- Integrates work into broader MCH programming
- Communicates what has been learned to national partners

**LPH & TH Teams**
- Participates in learning community
- Attends calls
- Actively involves community partners in projects
- Enter data into REDCap
- Receive feedback reports & coaching
Why QI to Improve Outcomes

• Guide to continuously improve the quality of services thus promoting a healthier public

• Accreditation
What is a Learning Community?

- Modeled on the Institute for Healthcare Improvement’s **Breakthrough Series**
- Short-term (months) learning system that brings together teams seeking improvement in a focused topic area
- Components
  - **Shared learning**: face-to-face and/or virtual Learning Sessions
  - Structured goals, tests of change, data collection/analysis with feedback to teams
- Based upon the **Model for Improvement**
- Excellent track record of achieving dramatic results
The Model for Improvement

Model for Improvement

AIM
MEASUREMENT
TESTS of CHANGE

Act
Plan
Study
Do
Repeated Use of the PDSA Cycle
Test vs. Task

• A prediction is made in advance (numerical is best, if possible)

• Data is gathered related to the prediction topic during the test

• Study-compare what was predicted to the actual data gathered
Team-Based Improvement

Measures of community health and outcomes

Shared learning among teams through meetings and calls

Results back to teams showing comparison with other sites

Provide topic-specific improvement materials and tools

Coaching on improvement goals and implementing change

Improved levels of performance
Family of Measures

MEASURE

- Sites listed in REDCap conducting developmental screening
- Sites receiving training on developmental screening
- Sites changing protocols or practices to include developmental screening
- PH professionals believing developmental screening work does not complement their other professional responsibilities

GOAL

- 69%
- 77%
- 74%
- <20%
# 2019 Developmental Screening Quality Improvement Project

**AIM**
By December 31, 2019, 69% of sites listed in REDCap will be conducting developmental screening.

<table>
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<th>Drivers</th>
<th>Tests of Change</th>
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| Local public health department provides education and promotion of developmental screening in their community | • Include information in birth letters to families  
• Provide trainings to specified target audience (physicians, child care providers, community partners)  
• Intentional outreach to target audiences via email, call and in-person meetings  
• Share information at a community event |
| Collaborate with relevant partners | • Attend early childhood coalition meetings  
• Provide technical assistance to partners  
• Share best practices with or across Health Departments  
• Develop relationships with a clinical partner who is conducting developmental screening |
| Promote screening availability by multiple partners in the community | • Explore who in the community is currently using screening  
• Provide screening opportunities at established events |
| Advocate for systems (like WIR) that identify children in need of screening or appropriate follow-up | • Share data with partners to create common messaging  
• Work with statewide organizations including WPHA, WCHQ, WNA, WHA and WI AAP to discuss advocacy efforts  
• Identify a community champion to support advocacy efforts |
| Conduct a community assessment | • Identify where screening is being done in your community  
• Identify what resources are available and what resources are needed  
• Identify who is interested in receiving training |
| Promote established referral networks | • Provide information to partners on Regional Centers for Children and Youth with Special Health Care Needs  
• Provide information to partners on Well Badger  
• Maintain local listing of resources |
| Participate in learning community opportunities on developmental screening | • Initiate discussions with other health departments in Life QI  
• Share resources and best practices in Life QI  
• Document your Plan-Do-Study-Act (PDSA) cycles in Life QI  
• Participate on learning community calls  
• Partner with the Medical Home Initiative for technical assistance |

**Measures**
1. Percent of sites conducting developmental screening (Outcome)
2. Percent of sites that received training (Process)
3. Percent of sites that changed their protocols or practices to include developmental screening (Process)
4. Percent of LPHD professionals who disagree/strongly disagree that developmental screening work complements other professional responsibilities (Balancing)
## 2019 Developmental Screening Quality Improvement Project

**Grant County**

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https://us.lifeqisystem.com/login/
Programmes

2019 NPM Developmental Screening
By December 31, 2019, 69% of sites listed in RedCap will be conducting developmental screening.

Geeta Wadhwani Children's Health Alliance of Wisconsin

2018 Local Public Health Department Data
By December 31, 2019, 69% of sites listed in REDCap will be conducting developmental screening.

Geeta Wadhwani Children's Health Alliance of Wisconsin

Shared Plans of Care Project 2019
By December 31, 2019, 85% of families will agree/strongly agree that the SPoC helps ensure more of their child's needs are met.

Geeta Wadhwani Children's Health Alliance of Wisconsin
Life QI

Programmes vs. Projects

2019 NPM: Developmental Screening

Everyone can view

Programme team
Driver diagram
Measures

Projects

View all Projects →
Project Teams

2019 NPM: Developmental Screening
Everyone can view

Member projects

- Kenosha County Health Department
  - Kenosha County
  - Geeta Wadhwani Children’s Health Alliance of Wisconsin
    - Unlink project

- Sokaogon Chippewa Community
  - Geeta Wadhwani Children’s Health Alliance of Wisconsin
    - Unlink project

- Chippewa County Health Department
  - Chippewa County
  - Geeta Wadhwani Children’s Health Alliance of Wisconsin
    - Unlink project

- Saint Croix County Health Department
  - Saint Croix County
  - Geeta Wadhwani Children’s Health Alliance of Wisconsin
    - Unlink project
Groups and Discussion

Groups

2019 Shared Plan of Care Project Teams
Shared Plan of Care QI Project

2019 NPM Developmental Screening Teams
Developmental Screening

Showing 1 to 2 of 2
Discussion Posting and Resource Sharing

2019 NPM Developmental Screening Teams

Projects

There is nothing in this list

Discussions

Welcome
Naomi Kowald started on 13/0

Actions

- Reports
- Pin

Work with 2019 NPM Developmental Screening Teams

- Start a new project
- Start a new discussion

Admin actions

- Delete
- Show all notifications

Showing 1 to 1 of 1
## Wrap-up & Next Steps

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Thank you!

Naomi Kowald (nkowald@chw.org)