Don’t Just Wait and See: Improving Developmental Screening and Follow-up Quality Improvement Project

**PRE-WORK/ORIENTATION WEBINAR**

August 25 at 11:00am – 12:00pm ET

or

August 27 at 1:00pm – 2:00pm ET
# Agenda

<table>
<thead>
<tr>
<th>Agenda Item</th>
<th>Speaker</th>
<th>Time</th>
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<tbody>
<tr>
<td>Welcome and Introductions</td>
<td>Donald Lighter, MD, MBA, FAAP, FACHE, Project Leader/Quality Improvement Expert</td>
<td>5 min</td>
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<tr>
<td>Overview, Aims and Measures and Data Collection Requirements</td>
<td>Jennifer Zubler, MD, FAAP/Project Oversight Team Member</td>
<td>15 min</td>
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<tr>
<td>Quality Improvement Data Aggregator (QIDA) Demonstration</td>
<td>Kristen Gerage, MPH, Program Manager, Quality Improvement Projects</td>
<td>10 min</td>
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<tr>
<td>Overview of Quality Improvement/Model for Improvement</td>
<td>Donald Lighter, MD, MBA, FAAP, FACHE, Project Leader/Quality Improvement Expert</td>
<td>15 min</td>
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<tr>
<td>Learning Session and Next Steps</td>
<td>Jennifer Zubler, MD, FAAP/Project Oversight Team Member</td>
<td>5 min</td>
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<tr>
<td>Questions and Answers</td>
<td>All</td>
<td>10 min</td>
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Don’t Just Wait and See: Improving Developmental Screening and Follow-up

WELCOME AND INTRODUCTIONS

DONALD LIGHTER, MD, MBA, FAAP, FACHE
This quality improvement project, launched in October 2014, is part of a larger project, supported by the Centers for Disease Control and Prevention, that aims to raise awareness about developmental monitoring and screening among pediatric clinicians, early child care providers, and families.

Key activities include the following:

- Monthly messaging campaign
- Webinars
- Maintenance of Certification (MOC) Part 4 project
## Project Work Group

<table>
<thead>
<tr>
<th>Donald E Lighter, MD, MBA, FAAP, FACHE</th>
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<tbody>
<tr>
<td>Project Leader/Quality Improvement Advisor</td>
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<tr>
<td>The Institute for Healthcare Quality Research and Education</td>
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<tr>
<td>Knoxville, TN</td>
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<tr>
<td>Toni Whitaker, MD, FAAP</td>
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<tr>
<td>University of Tennessee Health Science Center</td>
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<tr>
<td>Memphis, TN</td>
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<tr>
<td>Edward S Curry MD, FAAP</td>
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<tr>
<td>Kaiser Permanente</td>
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<td>Fontana, CA</td>
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<td>Rebecca Wolf, MA</td>
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<td>Centers for Disease Control and Prevention</td>
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<td>Atlanta, GA</td>
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<td>Marian F Earls, MD, MTS, FAAP</td>
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<td>Community Care of North Carolina</td>
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<td>Raleigh, NC</td>
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<td>Jennifer Zubler, MD, FAAP</td>
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OVERVIEW, AIMS AND MEASURES AND DATA COLLECTION REQUIREMENTS

JENNIFER ZUBLER, MD, FAAP
Project Aims and Measures

• Between November 2015 and January 2016, project participants will collaborate to test, implement, disseminate, and plan to sustain strategies identified to improve and promote monitoring, screening, and follow-up for developmental concerns, so that:
  o 90% of patients are screened for risk of developmental, behavioral, and social delays using a standardized screening tool at the 9, 18, and 24 or 30-month health supervision visits.
  o The families of 90% of patients seen at the 9, 18, and 24 or 30-month health supervision visits receive a follow-up discussion of developmental screening results on the same day of the screening.
  o 90% of patients seen at the 9, 18, and 24 or 30-month health supervision visits are referred for follow-up care within 7 calendar days of receiving a positive developmental screening result.
Project Measures Continued

- 90% of patients are screened for risk of autism using a standardized screening tool at the 18- and 24-month health supervision visit.
- The families of 90% of patients seen at the 18- and 24-month health supervision visit receive a follow-up discussion of autism screening results on the same day of the screening.
- 90% of patients seen at the 18- and 24-month health supervision visit are referred for follow-up care within 7 calendar days of receiving a positive autism screening result.
# High Level Project Timeline

|------------------------------------------|-------------------------------------------------|------------------------------------------|------------------------------------------|
|                                          | • Project orientation Webinar and QIDA demo to understand data collection system  
• Submit data on up to 40 patients related to the 6 measures | • Submit data on up to 20 patients related to the 6 measures, monthly for 3 months  
• Participate in at least 3 Webinars to discuss data and receive education  
• Implement interventions using PDSA cycles  
• Communicate with other participants via listserv  
• In last month, participate in sustaining change webinar | }
Responsibilities Before Learning Session

• Sign and submit consent forms by **August 31, 2015**
• Finalize local IRB applications/approval, if necessary. Contact cboothby@aap.org for a copy of AAP IRB application and approval letter.
• Complete Pre-implementation survey by **September 30, 2015**
• Complete baseline record reviews (up to 40 charts) by **September 30, 2015**
Pre-work and Data Collection

- This project will use the Quality Improvement Data Aggregator (QIDA), a web-based data collection and aggregation tool.
- The link to QIDA is: http://qidata.aap.org/developmentalscreening
- As a participant, you will have access to enter data, view and analyze your data, complete project-related online surveys, and use the project workspace.
- AAP members will use their AAP username and password to access QIDA.
- Non-AAP members will be emailed a username and password to access QIDA.
- A QIDA user manual will be emailed to you before pre-work begins.
- You cannot begin pre-work until your consent form is signed.
Data Collection Web Site

Don't Just Wait and See: Improving Developmental Screening and Follow-up

Welcome to the Don't Just Wait and See: Improving Developmental Screening and Follow-up quality improvement project. This project will be using the AAP's Quality Improvement Data Aggregator (QIDA) as its web-based data collection tool. QIDA's secure site is meant to be a place to enter data, view real-time data reports, and share tools, resources, and improvement documents.

Additional information about data collection for this project and QIDA is included in the "Instructions for Chart Review" posted on the Project Workspace.

The project team will post project information, tools, resources, summaries and recordings from monthly webinars, and other materials you may find helpful. You will also have the opportunity to upload your own project tools in the My Documents section, so that relevant project information is housed in one location. Other participants and project staff will be unable to view the documents that you have posted.

We hope that you will visit this site frequently and make use of the information provided.

Contact us:
Donald E. Lightner, MD, MBA, FAAP, FACHE
Project Leader/Quality Improvement Expert
Email: DLIGHTNERMD@aphire.org
Pre-implementation Survey

• Assesses current systems in place related to monitoring and screening for developmental concerns and autism, including:
  o If materials are available to parents to help track development
  o If surveillance/monitoring is conducted at every well child visit and document results
  o If developmental screening tests are routinely performed using a standard screening tool
  o If results are communicated with families

• Accessible via the Quality Improvement Data Aggregator (QIDA): http://qidata.aap.org/developmentalscreening
Baseline Chart/Record Review

- Review up to the first 10 patient charts/records who received health supervision visits by you during September 2015 for the following sets of patients:
  - Patients seen for the 9-month health supervision visit
  - Patients seen for the 18-month health supervision visit
  - Patients seen for the 24- and/or 30-month health supervision visit
- Log in to QIDA by entering user ID and password
- Must accept project disclosure statement and complete general profile questions before entering any baseline data
- Enter chart/record review data on the “Project Home” page of QIDA
- Once 30 to 40 charts/records for September have been entered, click on “Close Data Cycle” button to close your data cycle for the month.
- Baseline charts/records must be submitted no later than September 30, 2015.
## Record Review Tool

**Chart # 1**

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| 1. | Select the appropriate patient set.  
|    | Patients seen for the 9-month health supervision visit  
|    | Patients seen for the 18-month health supervision visit  
|    | Patients seen for the 24-month health supervision visit  
|    | Patients seen for the 30-month health supervision visit  
| 2. | Developmental Screening conducted at health supervision visit  
|    | 2A. Is there documentation in the medical record that a standardized developmental screening was conducted at the health supervision visit?  
|    | Yes  
|    | No  
|    | NA (Developmental Screening will be done at the 30 month Health Supervision Visit)  
|    | 2B. Is there documentation in the medical record that a standardized developmental screening was conducted at the health supervision visit?  
|    | Yes  
|    | No  
| 3. | Is there documentation that developmental screening results were discussed with the patient's family at the time of the screening?  
|    | Yes  
|    | No  
| 4. | Was a positive developmental screen identified?  
|    | Yes  
|    | No |
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QUALITY IMPROVEMENT DATA AGGREGATOR (QIDA) DEMONSTRATION

KRISTEN GERAGE, MPH
Don’t Just Wait and See: Improving Developmental Screening and Follow-up

OVERVIEW OF QUALITY IMPROVEMENT/MODEL FOR IMPROVEMENT

DONALD LIGHTER, MD, MBA, FAAP, FACHE
The Improvement Model

• What’s the problem?
• What should we measure?
• What can we improve?

• Revise our plan based on what we’ve learned
• Deploy the improvement throughout the practice

• Pilot the improvement initiative

• See if we’ve made a difference
Don’t Just Wait and See: Improving Developmental Screening and Follow-up

LEARNING SESSION AND NEXT STEPS

JENNIFER ZUBLER, MD, FAAP
Learning Session Overview

- Friday, **October 23, 2015: 7:30 am to 11:00 am ET** at the Washington Convention Center
  - Introduction to the *Don’t Just Wait and See: Improving Developmental Screening and Follow-up* project
  - Report on baseline data
  - Developmental monitoring/screening topical sessions
  - Overview of quality improvement science
  - Discuss barriers to implementation and solutions
  - Share strategies
## Important Dates & Next Steps

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<tr>
<th>Date</th>
<th>Activity</th>
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<tr>
<td>August 31, 2015</td>
<td>• Submit signed consent form to Christina Boothby at <a href="mailto:cboothby@aap.org">cboothby@aap.org</a> or 847/228-5034 (fax)</td>
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<td>Prior to submitting baseline data (no later than <strong>September 30, 2015</strong>)</td>
<td>• Determine local IRB process and obtain IRB approval if necessary</td>
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<td>September 30, 2015</td>
<td>• Complete Pre-implementation Survey</td>
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<td>• Review up to the first 10 patient charts/records for the following sets of patients (up to 40 charts):</td>
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<td>o Patient seen for the 24-and/or 30-month health supervision visit</td>
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<td>October 23, 2015</td>
<td>• Attend the in-person Learning Session</td>
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<td>November 2015 – January 2016</td>
<td>• Action Period</td>
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<td>o Monthly record/chart reviews</td>
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<td>o Monthly progress reports</td>
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Project Contact

Christina Boothby, MPA
Manager, National Center for Medical Home Implementation
Email: cboothby@aap.org
Phone: 847/434-4311
Questions?

We look forward to working with all of you to improve developmental surveillance, screening, and follow-up!