

# Training Guide





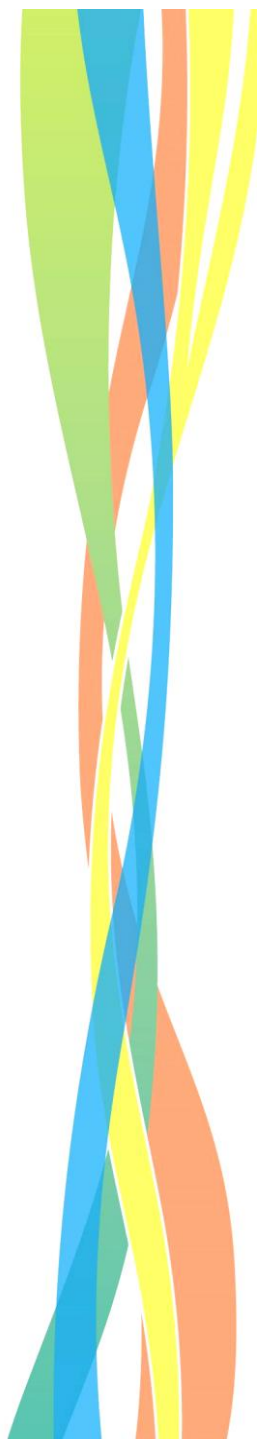
## Mission:

Promote the best start for WNY children aged birth-5 so they are healthy and prepared to succeed in school and life.

# What is Screening?

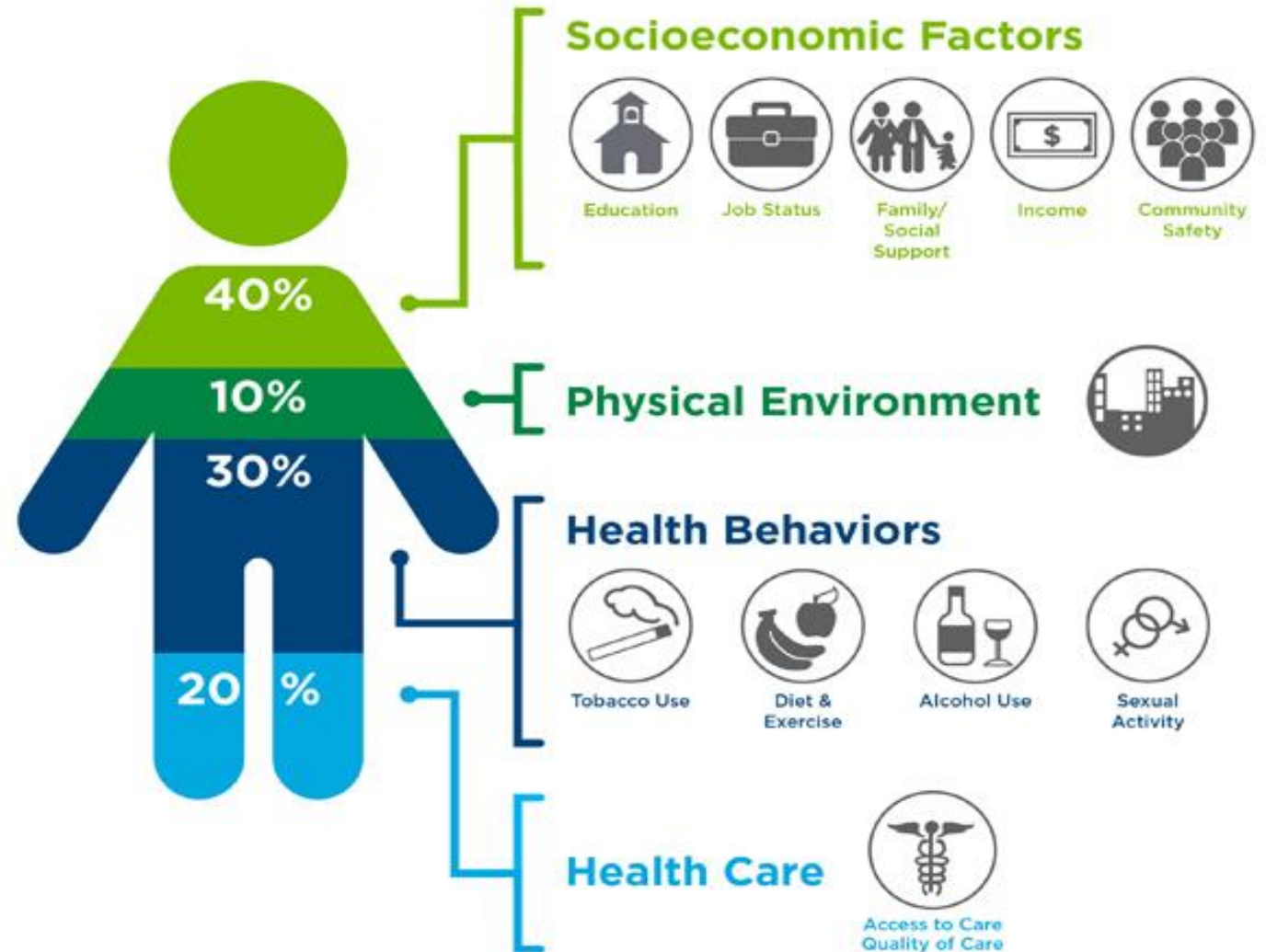
## Administration of a brief, accurate (valid) tool that:

- Identifies children developing on-schedule
- May identify children who would benefit from practice/support in specific areas
- Identifies children **at risk** for developmental delays (DD) who should be referred for further evaluation
- **Answers the question:**
  - Does the child need an in-depth evaluation?



Screenings Should  
Be Considered in  
Contexts and  
Over Time

# What Goes Into Your Health?



Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems (October 2014)

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# Choosing the Correct ASQ-3 when the child is Premature



- Correct for prematurity when the child is born 3 or more weeks early, until 24 months
- Create "Adjusted Age"
  - Subtract weeks of prematurity from child's age at administration.
  - Use adjusted age to choose appropriate ASQ-3 interval

# Features: ASQ-3 Intervals

- 21 Questionnaire intervals:

2, 4, 6, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24


27, 30, 33, 36 (spaced 3 months apart)


42, 48, 54, 60 (spaced 6 months apart)

# ASQ Calculator



## ASQ Age Calculator

Wed Oct 02 2019 

Thu Nov 22 2018 

3 Weeks 

**Calculate**

**Clear**

**Chronological Age**

10 Months and 10 Days

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**Adjusted Age**

9 Months and 19 Days

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**ASQ-3**

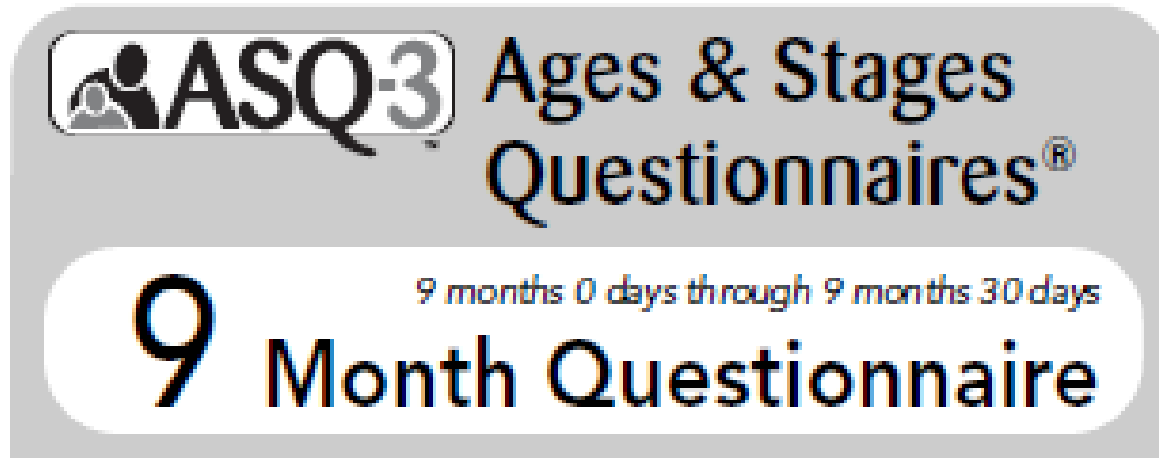
9 or 10 month

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**ASQ:SE-2**

12 month

# Features: ASQ-3 Cover Page



- Administration window indicated on ASQ-3 cover page
- 9-month "window" is for children ages 9 months 0 days through 9 months 30 days



# Features: ASQ-3 Areas and Questions



- 5 developmental areas
- 6 questions in each area
- Response options: Yes, Sometimes, Not Yet
- Written at 4<sup>th</sup> to 6<sup>th</sup> grade level
- Questions ordered in a hierarchy

PROBLEM SOLVING		YES	SOMETIMES	NOT YET	
1.	Does your baby pass a toy back and forth from one hand to the other?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—
2.	Does your baby pick up two small toys, one in each hand, and hold onto them for about 1 minute?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—
3.	When holding a toy in his hand, does your baby bang it against another toy or the table?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—
4.	While holding a small toy in each hand, does your baby clap the toys together (like "Pat-a-cake")?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—
5.	Does your baby poke his body to get a crumb or Cheerio that is inside a clear bottle (such as a plastic soda-pop bottle or baby bottle)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—
6.	After watching you hide a small toy under a piece of paper or cloth, does your baby find it? (Be sure the toy is completely hidden.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—
PROBLEM SOLVING TOTAL					—



# Features: ASQ-3 Developmental Areas

- Communication
  - Gross Motor
  - Fine Motor
  - Problem Solving (cognitive)
  - Personal Social (self help)
- Sample Item: Does your child stack a small block or toy on top of another one? (18-month questionnaire, Fine Motor area)



# Features: ASQ-3 Overall Section

- Un-scored Section
- Looks at quality of skills (e.g., speech)
  - Example: "Does your baby use both hands equally well?"
  - "NO" response indicates possible cerebral palsy; important to follow up
- Parent concerns are very predictive
- Any concerns or questionable responses require follow-up



# Features: ASQ-3 Summary Sheet

- Each ASQ-3 interval has unique summary sheets
- Summary sheets have 5 sections:
  - Child/family information
  - Bar graph with cutoffs
  - Overall section
  - Follow-up action taken (new to ASQ-3)
  - Optional section: Individual item responses



Baby's name: \_\_\_\_\_ Date ASQ completed: \_\_\_\_\_  
 Baby's ID #: \_\_\_\_\_ Date of birth: \_\_\_\_\_  
 Administering program/provider: \_\_\_\_\_ Was age adjusted for prematurity when selecting questionnaire?  Yes  No

**1. SCORE AND TRANSFER TOTALS TO CHART BELOW:** See ASQ-3 *User's Guide* for details, including how to adjust scores if item responses are missing. Score each item (YES = 10, SOMETIMES = 5, NOT YET = 0). Add item scores, and record each area total. In the chart below, transfer the total scores, and fill in the circles corresponding with the total scores.

Area	Cutoff	Total Score	0	5	10	15	20	25	30	35	40	45	50	55	60
Communication	13.97		●	●	●	●	●	●	●	○	○	○	○	○	○
Gross Motor	17.82		●	●	●	●	●	●	●	○	○	○	○	○	○
Fine Motor	31.32		●	●	●	●	●	●	●	○	○	○	○	○	○
Problem Solving	28.72		●	●	●	●	●	●	○	○	○	○	○	○	○
Personal-Social	18.91		●	●	●	●	●	○	○	○	○	○	○	○	○

**2. TRANSFER OVERALL RESPONSES:** Bolded uppercase responses require follow-up. See ASQ-3 *User's Guide*, Chapter 6.

- |  |               |  |               |
|--|---------------|--|---------------|
| 1. Uses both hands and both legs equally well?<br>Comments:    | Yes <b>NO</b> | 5. Concerns about vision?<br>Comments:   | <b>YES</b> No |
| 2. Feet are flat on the surface most of the time?<br>Comments: | Yes <b>NO</b> | 6. Any medical problems?<br>Comments:    | <b>YES</b> No |
| 3. Concerns about not making sounds?<br>Comments:              | <b>YES</b> No | 7. Concerns about behavior?<br>Comments: | <b>YES</b> No |
| 4. Family history of hearing impairment?<br>Comments:          | <b>YES</b> No | 8. Other concerns?<br>Comments:          | <b>YES</b> No |

**3. ASQ SCORE INTERPRETATION AND RECOMMENDATION FOR FOLLOW-UP:** You must consider total area scores, overall responses, and other considerations, such as opportunities to practice skills, to determine appropriate follow-up.

If the baby's total score is in the  area, it is above the cutoff, and the baby's development appears to be on schedule.  
 If the baby's total score is in the  area, it is close to the cutoff. Provide learning activities and monitor.  
 If the baby's total score is in the  area, it is below the cutoff. Further assessment with a professional may be needed.

**4. FOLLOW-UP ACTION TAKEN:** Check all that apply.

- Provide activities and rescreen in \_\_\_\_\_ months.
- Share results with primary health care provider.
- Refer for (circle all that apply) hearing, vision, and/or behavioral screening.
- Refer to primary health care provider or other community agency (specify reason): \_\_\_\_\_
- Refer to early intervention/early childhood special education.
- No further action taken at this time
- Other (specify): \_\_\_\_\_

**5. OPTIONAL:** Transfer item responses (Y = YES, S = SOMETIMES, N = NOT YET, X = response missing).

	1	2	3	4	5	6
Communication						
Gross Motor						
Fine Motor						
Problem Solving						
Personal-Social						

# Summary Page



# Features: ASQ-3 Cultural Adaptability

- Alternative administration methods for individuals from different cultural backgrounds
- Alternative materials for individuals from different cultural backgrounds
- Scoring permits omission of inappropriate items
- Normative sample includes diverse populations



# ASQ-3 Scoring

**Step 1:** Review responses. If any missing items, try to obtain answers. If item is inappropriate, omit item

**Step 2:** Calculate area totals: "yes"= 10; "sometimes"= 5; "not yet"= 0

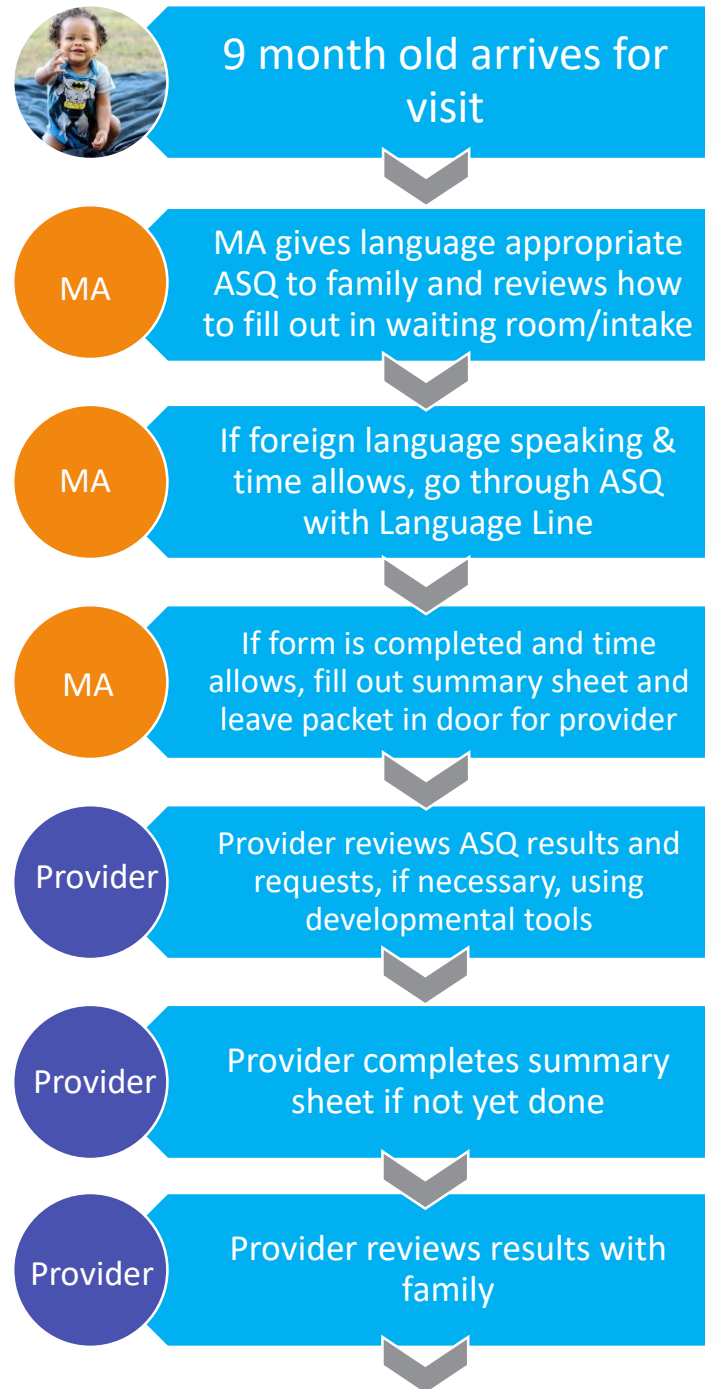
**Step 3:** If any items omitted, calculate new area total (see next slide for example)

# Workflow + Employee Roles

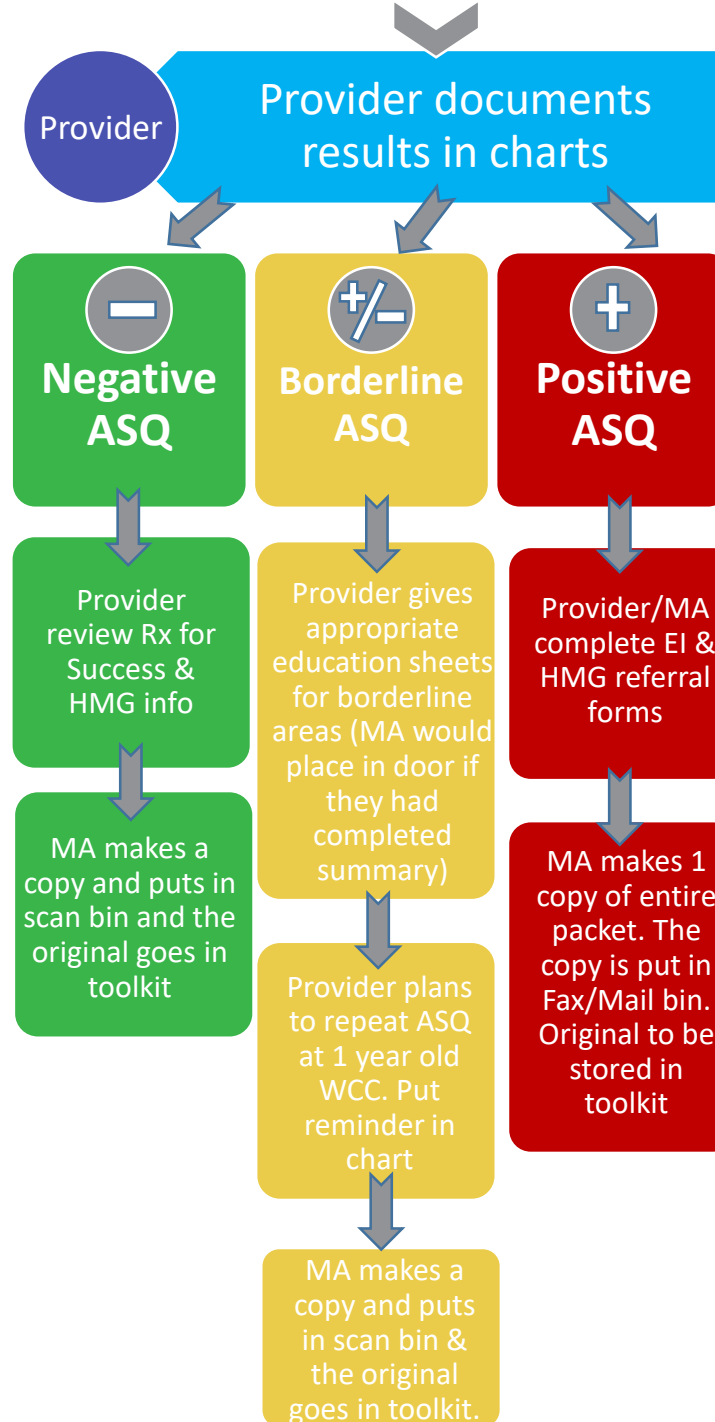
Dr. Gail Ferguson



# Workflow



# Workflow (continued)



# Documenting ASQ Results in Patient Chart

- 1. Login to EHR > Open new encounter in patient chart > Click on Assessment / Plan (left panel)
- 2. Open Templates for Well Child – scroll down & click on the link to open

## Screening for developmental handicaps in early childhood (Z13.42)

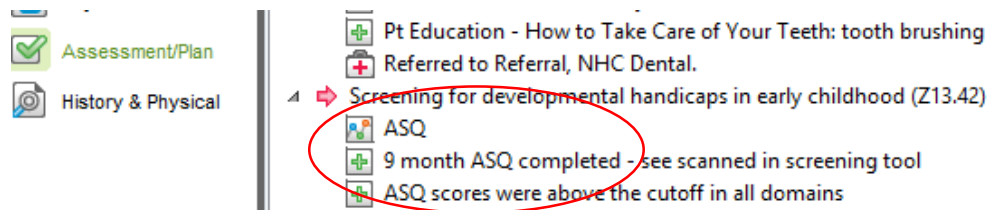
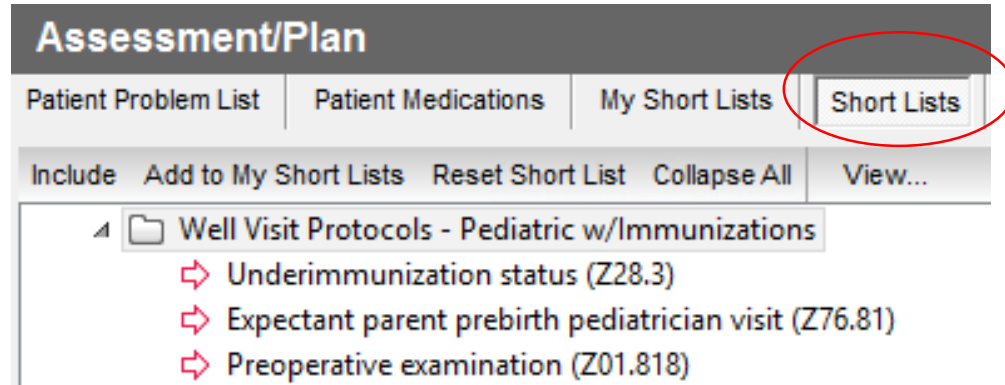
### Current Plans

- ASQ
- 9 month ASQ completed - see scanned in screening tool
- ASQ scores were above the cutoff in all domains
- Discussed normal development and reassured currently on track
- Pt Education - Well child visit: month 9
- Communication score above the cutoff

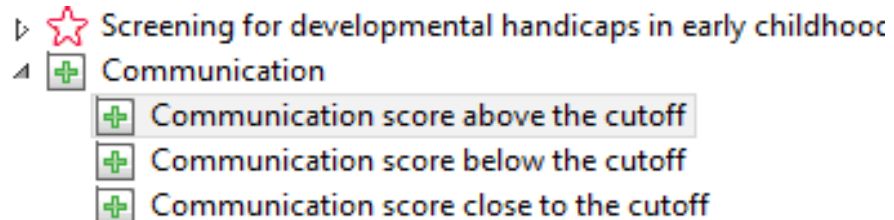
The screenshot shows the 'Problem' form in an EHR system. The diagnosis is 'Screening for developmental handicaps in early childhood (Z13.42)'. The form includes fields for 'Renamed as', 'Promoted' (checked), and 'Barrier to Health' (unchecked). Below these are tabs for 'Details' and 'Additional'. The 'Details' tab is active, showing 'Classified As', 'Status', and 'Significance' dropdown menus, and 'Onset Date' (9/30/2019 Today), 'Resolution Date', and 'Acuity' dropdown menus. There are two text areas: 'Problem Story' and 'Today's Impression', each with a toolbar containing icons for copy, paste, delete, and a dropdown menu. The 'Problem Story' and 'Today's Impression' sections are currently empty. At the bottom, there is a 'Restricted Disclosure' dropdown menu and 'OK' and 'Cancel' buttons.

# Documenting ASQ Results in Patient Chart

- OR
- Open Short List for Well Child



- Document Communication Score



# Documenting ASQ Results in Patient Chart

- If ASQ is Positive – use the following template and follow referral process with CHWs

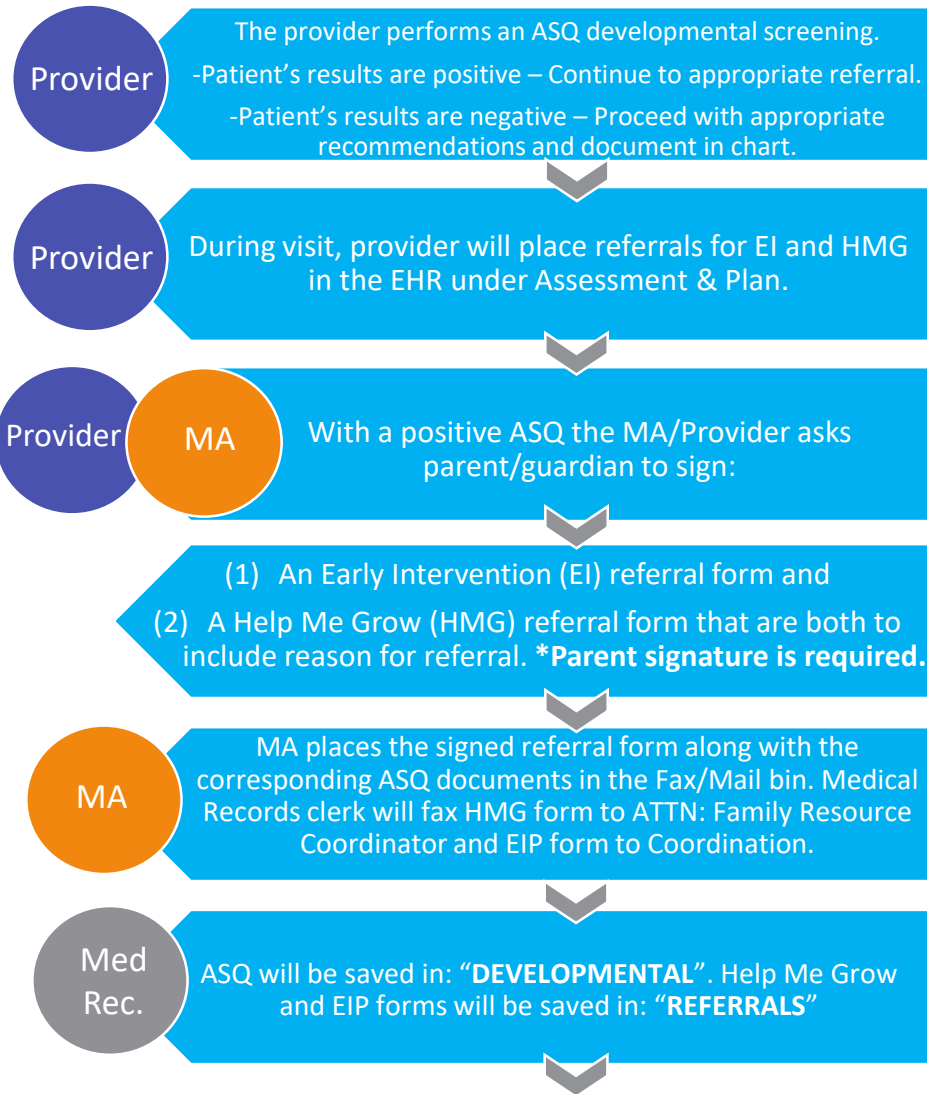
## 9 MONTH WELL CHILD VISIT with abnormal findings (Z00.121)

The screenshot shows a 'Problem' window in a medical software interface. The window title is 'Problem' and it has a close button (X) in the top right corner. The main content area is divided into several sections:

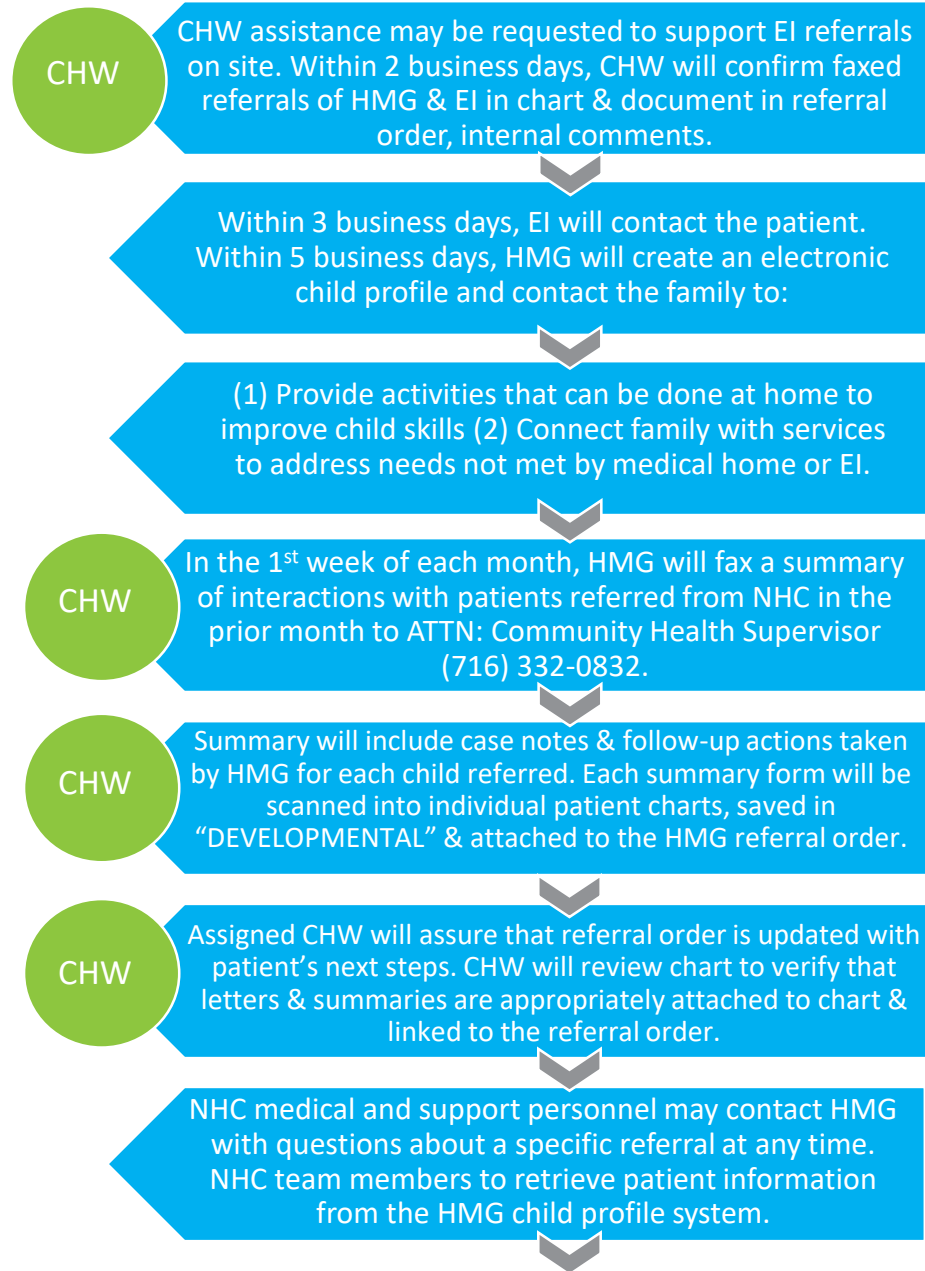
- Diagnosis:** A text field containing '9 MONTH WELL CHILD VISIT with abnormal findings (Z00.121)'. There are small icons for search and edit to the right of the text.
- Renamed as:** An empty text field.
- Promoted/Barrier to Health:** Two checkboxes. 'Promoted' is checked, and 'Barrier to Health' is unchecked.
- Details/Additional:** A tabbed interface with 'Additional' selected. It contains several dropdown menus and date pickers:
  - Classified As:** A dropdown menu with an asterisk (\*) in the selected option.
  - Status:** A dropdown menu with 'Active' selected.
  - Significance:** A dropdown menu with an asterisk (\*) in the selected option.
  - Onset Date:** A date picker field.
  - Resolution Date:** A date picker field.
  - Acuity:** A dropdown menu with an asterisk (\*) in the selected option.
- Problem Story:** A text area for entering the problem story. Above the text area is a toolbar with icons for edit, copy, paste, undo, redo, and delete. There are also two green checkmarks with 'ABC' labels and a dropdown menu with 'aA' selected. To the right of the toolbar is a checkbox labeled 'Exclude from H&P'.
- Today's Impression:** A text area for entering today's impression. It has the same toolbar and 'Exclude from H&P' checkbox as the Problem Story section.

At the bottom of the window, there is a 'Restricted Disclosure' section with a dropdown menu and a 'Restricted Disclosure' label. To the right of this are 'OK' and 'Cancel' buttons.

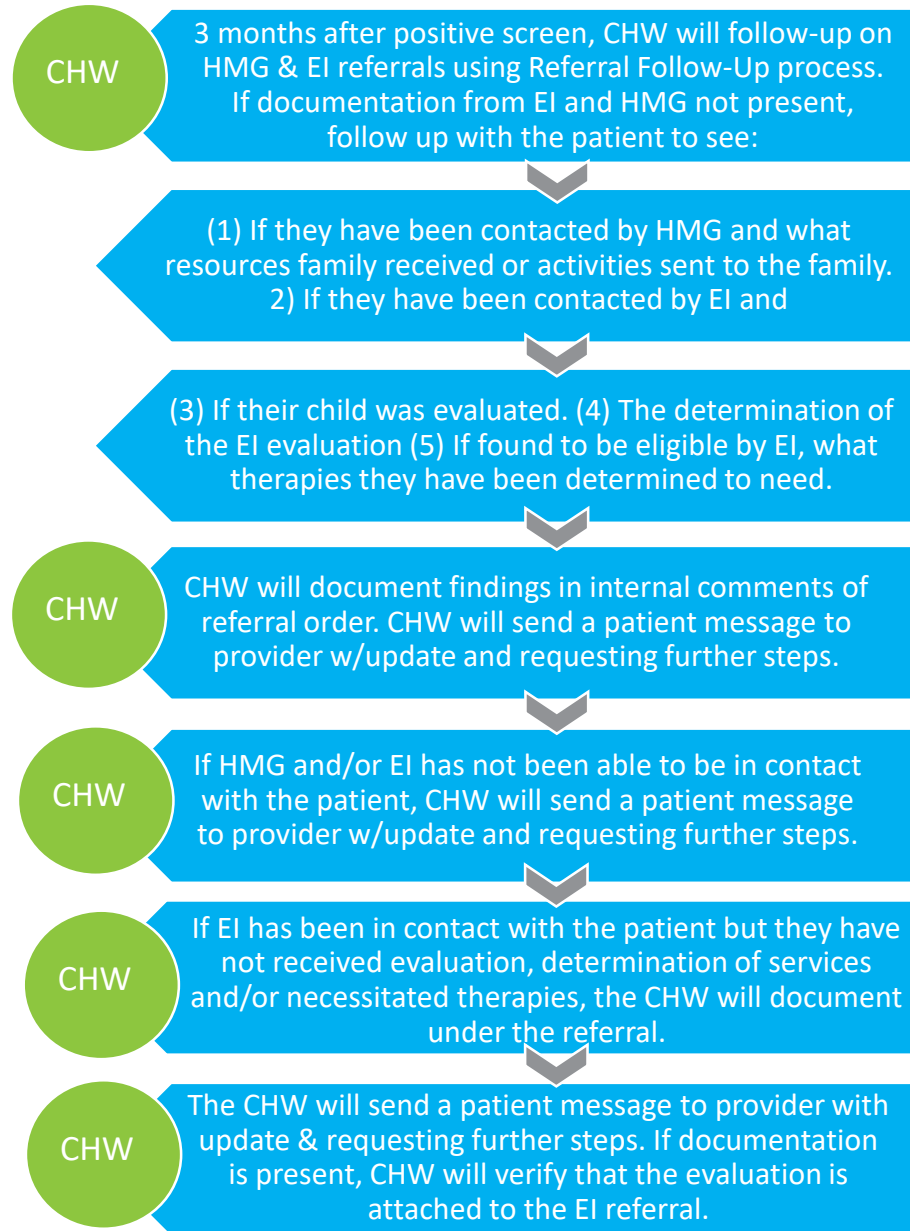
# Positive ASQ Algorithm for Referral & Follow-up Workflow



# Positive ASQ Algorithm for Referral & Follow-up Workflow



# Positive ASQ Algorithm for Referral & Follow-up Workflow





# ASQ-Portal

- <https://www.asqonline.com/login>
- Username: nhcenter
- Password: asqnhc

# ASQ-Portal



ASQ  
Ages & Stages  
Questionnaires®  
www.asqonline.com

Logged in as **nhcenter** | Logout  
Program: Health Care Providers / Role: Provider



Home My Profile Program Child Profiles Screening Management Reports Family Access

Home



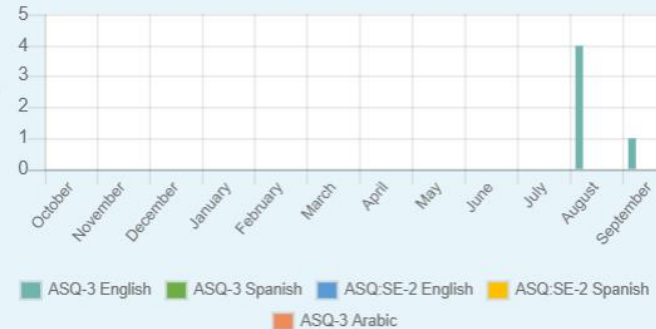
## Provider Snapshot

### Overall Screening Snapshot



- ASQ-3 English
- ASQ-3 Spanish
- ASQ:SE-2 English
- ASQ:SE-2 Spanish
- ASQ-3 Arabic

### Screening Usage, by Month



This snapshot is updated every twenty-four hours.

### Overall Stats

Number of Child Profiles: 10  
Number of Caregiver Profiles: 10  
Finalized Screenings: 5  
Screenings in Progress: 0  
Family Access Screenings: 3

## Announcements

## Resource Corner

## Quick Links

- [Q&A: UNDERSTANDING THE OVERALL ASQ QUESTIONS](#)
- [NEW! Just for Parents Web Section on Ages and Stages Website](#)
- [Connecting Data Across Systems](#)

- [Add Child Profile](#)
- [View All Child Profiles](#)
- [View All Screenings](#)