

Plan-Do-Study-Act (PDSA) Worksheet

Use this worksheet to test out your developmental screening plan. A Plan-Do-Study-Act (PDSA) is a scientific method for testing out quality improvement (QI) plans. Doing a PDSA will help you test a change you wish to implement in your practice so you can identify what works best for your clinic workflow. Fill in the information below as you integrate changes into your clinic workflow. Reference the **Developmental Screening Toolkit** for more information.

Title: _____

Planned Test Date(s): _____

Today's Date: _____

1: PLAN Develop a test and make a prediction

DESCRIPTION OF TEST/TASK

Who: _____

What: _____

Where: _____

When: _____

PREDICTION

2: DO Conduct the test and collect data

STEPS TAKEN

COLLECT DATA

3: STUDY Analyze the data and summarize results

ANALYZE DATA

RESULTS

COMPARE RESULTS TO PREDICTED OUTCOME

4: ACT Refine changes for the next cycle

ADAPT (write out changes to be made next time)

ADOPT (create a timeline for full implementation)

ABANDON

Example: PDSA Worksheet

Here's an example of how to use this worksheet to test out your developmental screening plan. This example is for a small clinic that is starting to screen all patients for autism at 18 and 24 month well-child visits using the M-CHAT. Reference the **Developmental Screening Toolkit** for more information and resources on how to complete a PDSA.

Title: Implement the M-CHAT-R/F at 18 and 24 month well-child visits

Planned Test Date(s): October 1-7 (1 week)

Today's Date: August 20

1: PLAN Develop a test and make a prediction

DESCRIPTION OF TEST/TASK

Who: front desk staff, nurses, doctors

What: M-CHAT-R/F screen & resource sheets

Where: waiting room and exam room

When: at all 18 & 24 month well-child visits

PREDICTION

There will be an increase in referrals to both autism evaluation and EarlySteps.

2: DO Conduct the test and collect data

STEPS TAKEN

- M-CHAT-R forms placed at front desk. Follow-up flowcharts, scoring forms, and resource sheets placed at nurses station.
- Front desk staff hands M-CHAT-R screen to family upon check in and ask family to complete in the waiting room.
- Nursing staff scores screen in exam room and informs doctor. Will retrieve follow-up flowcharts, scoring form, and resource sheets when needed.
- Doctor reviews results with family. Completes follow-up screen, and initiates referrals if needed.

COLLECT DATA

3/5 (60%) patients completed M-CHAT-R/F

- 2 out of 3 got referrals for autism evaluation
- Difficulty remembering to include initial screen form
- Can't enter score in EHR

3: STUDY Analyze the data and summarize results

ANALYZE DATA

- Increased number of referrals for Autism Evaluation, but not for EarlySteps
- Front desk staff handed out forms for 60% of patient families who needed them (18 & 24 m visit)
- Main reason for not giving out the screen was that they forgot

RESULTS

Not in EHR yet fully so difficult to quantify results w/o chart review

COMPARE RESULTS TO PREDICTED OUTCOME

Did not increase referrals to EarlySteps, but did increase referrals for autism evaluations. Mostly smooth and families are happy with information.

4: ACT Refine changes for the next cycle

- ADAPT** (write out changes to be made next time)
 - Add flag in EHR to remind front desk about initial M-CHAT-R/F for 18 & 24 month well-visits
 - Add score information in EHR
 - Reminder to all staff: Make sure if referred for evaluation, also refer to EarlySteps!

- ADOPT** (create a timeline for full implementation)

- ABANDON**