Cycle 1:

AIM of this project Describe the aim of this project. What are you trying to accomplish? Every aim will require multiple small tests of change.

Plan

Describe the proposed test. What performance gap will it address? What idea will you test? What barriers will you need to overcome? What do you predict will happen?

Performance Gap

Idea for Test
For all children, the MAs will do the following (consider only doing this for children 2 and under, if it is too difficult to do for all children):

1. As soon as possible when the patient arrives, check the immunization record to see if any vaccines are due and if there are any contraindications to vaccination.
2. If a vaccine is due, the MA will prepare it.
3. The MA will check everything with a licensed provider before administering the vaccine (and the vaccine can be administered either before or after the doctor has seen the patient, or during a vaccine-only visit).
4. The MA will do all the charting per routine.
5. If the parent declines vaccination, the MA will ask the parent to speak to the physician about the vaccine, notify the physician, and track the outcome on our Vaccine Refusal Board (does talking to the physician lead to a change of heart about accepting a recommended vaccine?).

Barriers:

- The MA has to check with a licensed provider before administering the vaccine. If the physician is the only one available it wouldn’t save him/her any time.
- The patient record could be inaccurate and MAs should double check with the immunization registry. (The MA can also ask the parent if any other vaccines had been received, but receipt of a vaccine outside the office that is not in the registry should be verified).
- Parents may think it’s odd if the child is vaccinated before the doctor part of the visit?
- MAs may not be allowed to administer vaccines in some states. Each of the 50 states separately regulates physicians, nurses, MAs and other health-related practitioners. Contact your state immunization program or the appropriate state body (e.g., state board of medical/nursing/pharmacy practice) to determine who is authorized to administer vaccines under standing orders.
- Using standing orders results in different coding for immunization administration. Depending on your payers, this may affect overall payment for vaccine administration. Using Standing order for adolescent vaccines may be very effective.

Measures

What is the desired goal that will close the performance gap? *Describe the specific measures that will determine a successful outcome for the test.*

How we will measure our rates:

<table>
<thead>
<tr>
<th>Up-to-date patents</th>
<th>Current Number of charts (percentage)</th>
<th>Current Number of charts (percentage)</th>
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Predicted outcome: Describe your plan for change. List the tasks and tools needed to perform the test. Predict what will happen when the test is carried out?

Do

Make a change! Try your change with a few patients over a short period of time. Collect data that can be measured. Describe what happened when you ran the test.
Study

Did the change lead to the desire improvement? Describe how the measured results compare to the predicted outcome.

<table>
<thead>
<tr>
<th>Up-to-date patients</th>
<th>Baseline Number of charts (percentage)</th>
<th>Cycle 1 Number of charts (percentage)</th>
<th>Goal Number of charts (percentage)</th>
</tr>
</thead>
</table>

Act

Describe how you will modify the plan. In the next test cycle based on “learnings” from this cycle. Or, describe a new idea to test to help you achieve your aim.

End of Cycle 1