

Adult Immunization & Quality Improvement for Residents – Facilitator Guide

Description

ACP developed this guide to help faculty deliver the modules on the clinical science of adult immunization and quality improvement strategies in adult immunization. Each module contains didactic material and portions for facilitated discussion among program participants. An outline of each module's content follows below.

Module 1 – The Science of Adult Immunization

1. Adult Immunization Rates and Vaccine-Preventable Disease
2. Review of ACIP Recommended Adult Immunization Schedule
3. Case Review of Vaccines by Special Population
 - a. Diabetic patients – vaccines covered include influenza, pneumococcal, Tdap, and hepatitis B
 - b. Healthcare worker – HPV (case is of a young woman), hepatitis B, MMR/Varicella
 - c. Pregnant women – indicated and contraindicated vaccines
 - d. Elderly – Tdap (with a focus on pertussis) and zoster

Module 2 – Quality Improvement in Adult Immunization

1. Standards for Adult Immunization Practice
2. Strategies to Increase Adult Immunization
 - a. Provider recommendation and patient communication
 - b. Reminder-recall
 - c. Chart/Provider Reminders
 - d. Standing Orders
 - e. Immunization Information Systems (IIS)
3. Review of Quality Improvement and PDSA
4. Example Quality Improvement Projects
5. Additional Resources

Audience and Setting

This program is intended for residents of general internal medicine programs in both ambulatory and hospital settings. The program is best facilitated when there is opportunity for both large and small group discussion. You may choose to deliver both modules at the same time (approximately 1 hour each), but you are encouraged to deliver them over the course of at least 2 weeks to allow enough time for instruction, reflection, and participation.

Equipment and Materials Required

- A computer and projector for PowerPoint presentation
- White board or flip chart for recording group work
- Printed copies of the handout materials
- If possible, a copy of your institution's clinical data regarding immunization rates for adults. Consider obtaining data on rates of immunization for at least one vaccine and at least one special population.

Presentation Instructions and Timing

Module 1 Instructions

Step	Slide Number(s)	Description	Estimated Time (60 minutes)
1	1-9	Introduction – welcome participants, introduce speaker, and review objectives and reason for the discussion: <ul style="list-style-type: none"> Primary goal is to understand clinical science of adult immunization and evidence-based strategies to increase rates using quality improvement 	5 minutes
2	10-12	Review of the ACIP Adult Immunization Schedule – spend some time walking through the schedule and how it should be interpreted with some focus on immunization by special population.	5 minutes
3	#1: 14-47 #2: 48-65 #3: 66-70 #4: 71-77	Case-based review – For each of the four cases: <ul style="list-style-type: none"> Introduce the case and prompt participants to generate a list of indicated vaccines. Use the text box feature (slides 13, 48, 66 and 71) to document the list and promote participation. Review the indicated vaccines, epidemiology, and administration and test participant’s knowledge with multiple choice quizzes. 	40 minutes (10 minutes each)
4	78	Summary and Next Steps – Conclude with summary and discussion. Consider having each participant identify two things they may do differently in practice based on the presentation.	10 minutes

Module 2 Instructions

Step	Slide Number(s)	Description	Estimated Time (60 minutes)
1	1-18	Introduction – welcome participants, introduce speaker, and review objectives and reason for the discussion: <ul style="list-style-type: none"> Primary goal is to understand clinical science of adult immunization and evidence-based strategies to increase rates using quality improvement Review the Standards for Adult Immunization Practice 	5 minutes
2	#1: 19-25 #2: 26-27 #3: 28 #4: 29-34 #5: 35-37	Review of strategies to improve immunization. For each of the six strategies: <ul style="list-style-type: none"> Review the slides associated with the strategy Briefly discuss if participants find this a useful strategy for their practice. What are the benefits and drawbacks for the strategy? 	25 minutes (5 minutes each)
3	6-7 38-48	Quality Improvement Review and Brainstorming – Review the concept of quality improvement and PDSA and use the QI starter questions to probe identification of relevant and meaningful projects. Consult the example QI projects if participants have difficulty identifying process changes.	20 minutes
4	49-54	Summary and Additional Resources – Conclude with summary and discussion. Consider having each participant identify two things they may	10 minutes

		do differently in practice based on the presentation. Consider identifying a project champion to steer implementation of the selected QI activity.	
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