

**Developing the Minnesota Cancer Plan
Step 2: Recommend Objectives and Strategies**

Workgroup: Prevention - HPV

Date: 6/30/16

Objective #1: By January 1, 2020, 90% of people 13-15 years old will meet consensus national recommendations for HPV vaccination.

Desired Outcome:

At the end of five years, what would you like to accomplish? If you do not expect to achieve the objective by the end of five years, what would success look like? We would like the above objective to be met by 2020.

Alignment:

Partners currently working on this objective and type of activity:

Organization	Activity (such as PSE change, education, programmatic)
Minnesota Immunization Program	PSE change, education, programmatic
University of Minnesota	PSE change, education
Mayo Clinic	PSE change, education
AAP	PSE change, education
ACS	PSE change, education
Health Plans	PSE change, education, programmatic
Health Systems	PSE change, education, programmatic

Stakeholders for this issue not currently working on it and potential role:

Organization	Potential role (PSE change, education, programmatic)
Health care systems	PSE change, education, programmatic
Community/Advocacy organization	PSE change, education, programmatic
Quality improvement organizations	PSE change, education, programmatic
Academic partners	PSE change, education, programmatic
Payers	PSE change, education, programmatic
Employers	PSE change, education, programmatic

Strategies

Strategy #1: Conduct outreach to populations that experience disproportionate numbers of HPV cancers and those with low vaccination rates.
Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Increased number of engaged stakeholders, increased media events
Rationale: To improve vaccination rates, it is important to improve outreach to populations with low vaccination rates.
This is an <u>X</u> evidence-based practice ___ promising practice ___ other. Please explain. http://cebp.aacrjournals.org/content/20/11/2354.full http://www.thecommunityguide.org/vaccines/communityinterventions.html (recommended in combination with other strategies)
Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain. Yes, this strategy addresses health equity by promoting outreach to those with disproportionate numbers of HPV cancers.
Rank this strategy for the greatest potential for traditional and non-traditional partners working together. Rank <u>1</u> of <u>6</u> strategies

Strategy #2: Ensure that all organizations that vaccinate adolescents, including primary care, retail, and reproductive health clinics, participate in the Minnesota Immunization Information Connection (MIIC)
Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Percentage of primary care, retail, and reproductive health organizations that participate in MIIC
Rationale: It is critical that all organizations participate in MIIC to improve tracking of vaccinations.
This is an <u>X</u> evidence-based practice ___ promising practice ___ other. Please explain. http://www.thecommunityguide.org/vaccines/iminfosystems.html
Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain. No

Rank this strategy for the greatest potential for traditional and non-traditional partners working together.

Rank 2 of 6 strategies

Strategy #3: Support and promote opportunities for health care organizations and clinicians to participate in quality improvement programs that improve HPV vaccination, including MDH's adolescent AFIX program.

Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): AFIX visits are counted annually, participating clinics' QI efforts logged, and changes in their immunization rates tracked. MnAAP MOC4 projects are also counted; Could survey clinics statewide about their QI activities or ask informally via HPV Network listserv.

Rationale: It is important to provide organizations and providers with opportunities to participate in quality improvement programs.

This is an X evidence-based practice ___ promising practice ___ other. Please explain.

https://www.aap.org/en-us/Documents/immunizations_articles_effectiveness_hpv_vaccination.pdf

<http://www.thecommunityguide.org/vaccines/providerassessment.html>

Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain.

No

Rank this strategy for the greatest potential for traditional and non-traditional partners working together.

Rank 3 of 3 strategies

Strategy #4: Streamline immunization workflows by promoting the use of immunization protocols, the availability of immunization-only visits, and the adoption of processes to remind clinicians to catch patients up on vaccines at all visits, whether for preventive, acute, or follow-up care.

Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Increased number of engaged stakeholders; consider statewide clinic survey

Rationale: Streamlining workflows will make offering and conducting vaccination easier.

This is an X evidence-based practice ___ promising practice ___ other. Please explain.

<http://www.thecommunityguide.org/vaccines/standingorders.html>

<http://www.jahonline.org/article/S1054-139X%2813%2900277-2/abstract>
(missed opportunities to vaccinate occur more often at non-preventive visits)

Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain.
Yes, when implemented in high-need clinics, improved workflows may improve vaccination of vulnerable populations.

Rank this strategy for the greatest potential for traditional and non-traditional partners working together.
Rank 4 of 6 strategies

Strategy #5: Encourage primary care organizations to use MIIC or their electronic health record systems to send reminders to teens who need HPV vaccine, and to support public health reminder projects by (1) maintaining systems to ensure accurate and timely reporting of their immunization data to MIIC, ideally including any historical data they may hold, and (2) being prepared to give all indicated vaccines to patients who seek care after receiving reminder notices

Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): MIIC Regional Coordinator projects are logged annually. It is possible to track the number of clinics that use the MIIC Client Follow-Up feature, which enables reminder/recall; Consider statewide clinic survey for non-MIIC projects

Rationale: Sending reminders to teens may improve appropriate completion of the vaccination.

This is an X evidence-based practice ___ promising practice ___ other. Please explain.
<http://pediatrics.aappublications.org/content/129/6/e1437>

<http://www.ncbi.nlm.nih.gov/pubmed/21646588>

<http://www.thecommunityguide.org/vaccines/clientreminder.html>

<http://www.ncbi.nlm.nih.gov/pubmed/21300094>

Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain.
Yes, this may indirectly address health equity by improving provider-patient communication and encouraging follow-up.

Rank this strategy for the greatest potential for traditional and non-traditional partners working together.
Rank 5 of 6 strategies

<p>Strategy #6: Include HPV vaccination as a standard immunization measure.</p>
<p>Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Incorporation by MNMCM; use by health care systems</p>
<p>Rationale: Adding this measure would emphasize the importance of HPV vaccination, especially in relation to other vaccines.</p>
<p>This is an <u>X</u> evidence-based practice ___ promising practice ____ other. Please explain. President's Cancer Panel recommended this change in HEDIS: http://deainfo.nci.nih.gov/advisory/pcp/annualReports/HPV/Part3Goal1.htm#sthash.Yjsl0Hk4.dpbs</p>
<p>Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain. Yes, by emphasizing the importance of HPV and holding providers accountable, this strategy may improve vaccination among vulnerable populations; a measure holds all providers to the same standard</p>
<p>Rank this strategy for the greatest potential for traditional and non-traditional partners working together. Rank <u>6</u> of <u>6</u> strategies</p>

Objective #2: Train the whole health care system team on how to effectively recommend HPV vaccination for cancer prevention to all age-eligible patients

Desired Outcome:

At the end of five years, what would you like to accomplish? If you do not expect to achieve the objective by the end of five years, what would success look like? At the end of five years, we hope for improved communication by the health care team regarding HPV vaccination.

Alignment:

Partners currently working on this objective and type of activity:

Organization	Activity (such as PSE change, education, programmatic)
Minnesota Immunization Program	PSE change, education, programmatic
University of Minnesota	PSE change, education
Mayo Clinic	PSE change, education
AAP	PSE change, education
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Stakeholders for this issue not currently working on it and potential role:

Organization	Potential role (PSE change, education, programmatic)
Health care systems	PSE change, education, programmatic
Community/Advocacy organization	PSE change, education, programmatic
Quality improvement organizations	PSE change, education, programmatic
Academic partners	PSE change, education, programmatic
Payers	PSE change, education, programmatic
Employers	PSE change, education, programmatic

Strategies

Strategy #1: Create regular opportunities for health care personnel to receive role-relevant, actionable education on HPV vaccine and how to effectively recommend it to patients.
Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Increased number of engaged stakeholders, increased media events
Rationale: Patients will be more likely to get vaccinated in providers effectively communicate the importance and safety of the vaccine.

<p>This is an <input checked="" type="checkbox"/> evidence-based practice <input type="checkbox"/> promising practice <input type="checkbox"/> other. Please explain. https://www.aap.org/en-us/Documents/immunizations_articles_effectiveness_hpv_vaccination.pdf</p>
<p>Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain. Yes, this strategy may indirectly address health equity. By improving communication skills, clinicians should be able to provide better outreach.</p>
<p>Rank this strategy for the greatest potential for traditional and non-traditional partners working together. Rank <input type="text"/> of <input type="text"/> strategies</p>

<p>Strategy #2: Support opportunities for health care organizations to engage in quality improvement programs, related to HPV vaccination</p>
<p>Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Increased number of engaged stakeholders</p>
<p>Rationale: HPV Quality improvement programs can help improve vaccination rates.</p>
<p>This is an <input type="checkbox"/> evidence-based practice <input checked="" type="checkbox"/> promising practice <input type="checkbox"/> other. Please explain.</p>
<p>Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain. Yes, quality improvement programs focused on health equity may help address one or more of these barriers.</p>
<p>Rank this strategy for the greatest potential for traditional and non-traditional partners working together. Rank <input type="text"/> of <input type="text"/> strategies</p>

Objective #3: Improve public understanding of the safety of HPV vaccination as well as the importance of HPV vaccination as cancer prevention.

Desired Outcome:

At the end of five years, what would you like to accomplish? If you do not expect to achieve the objective by the end of five years, what would success look like? We would like improved public awareness and understanding of HPV.

Alignment:

Partners currently working on this objective and type of activity:

Organization	Activity (such as PSE change, education, programmatic)
Minnesota Immunization Program	PSE change, education, programmatic
University of Minnesota	PSE change, education
Mayo Clinic	PSE change, education
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Employers	PSE change, education, programmatic

Strategies

Strategy #1: Create a public education campaign which (i) is informed by research on behavior change; (ii) emphasizes that HPV vaccine prevents cancer; and (iii) corrects the misconception that HPV vaccine is different in safety or importance than other routinely recommended vaccines.
Indicator to measure progress (such as increased number of engaged stakeholders, increased media events, increased number of local jurisdictions that pass policy): Increased number of engaged stakeholders; Increased media events; Process measures such as number of airings/placements or estimated reach.

<p>Rationale: Improved patient/caretaker understanding of HPV may improve patient/caretaker consent for vaccination.</p>
<p>This is an ___ evidence-based practice ___ promising practice ___ other. Please explain. http://www.thecommunityguide.org/vaccines/communityinterventions.html (recommended in combination with other strategies)</p>
<p>Does this strategy promote health equity by addressing a racial, economic, geographic or other barrier? If yes, explain. Yes, improving outreach to the public, including vulnerable populations, will help promote health equity.</p>
<p>Rank this strategy for the greatest potential for traditional and non-traditional partners working together. Rank <u> 1 </u> of <u> 1 </u> strategies</p>