Outcomes for *Influenza Update and Review* (Interim Report)

**Start Date:** 11/18/19  
**Outcomes through:** 1/18/20

**Target Audience:** This activity was intended for nurse practitioners working primarily in primary care practice, but it is anticipated NP students and NPs in other specialties will participate.

**Actual Learners (in attendance):** 2,357  
**Actual Completers (took evaluation):** 1,555

**Activity description:** This enduring audio-visual presentation provides the NP with education on preventing and treating influenza in the outpatient setting including precision vaccination and current guidelines for antiviral treatment. Case studies aid the learner in applying the knowledge gained using real-life clinical scenarios and white board animation videos illustrate key information in an entertaining format.

**Credit Offered**  
This activity is approved for 1.5 contact hour(s) of continuing education (which includes 1.5 hour(s) of pharmacology) by the American Association of Nurse Practitioners.

**Learning Objectives**
1. Describe current CDC guidelines for influenza vaccination  
2. Describe various evidence-based strategies to increase influenza vaccination uptake in the NP’s practice setting  
3. Differentiate influenza from acute respiratory infection  
4. Contrast efficacy and benefits of antiviral treatment for influenza vs. non-treatment  
5. Identify populations appropriate for antivirals based on current treatment guidelines

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### LEARNER PARTICIPATION

**Total Actual Unique Learners (based on evaluations received n=1555)**

<table>
<thead>
<tr>
<th>TOTAL Learners</th>
<th>NP</th>
<th>Nurse/NP student</th>
<th>Other APRN</th>
<th>Other not listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1555</td>
<td>89% (1390)</td>
<td>9% (134)</td>
<td>1% (20)</td>
<td>1% (11)</td>
</tr>
</tbody>
</table>

**Breakdown of NP certification (based on evaluations received & answers n=1555)**

<table>
<thead>
<tr>
<th>TOTAL Learners</th>
<th>Family</th>
<th>Adult / Gerontology</th>
<th>Acute care</th>
<th>Other</th>
<th>NA, not certified as NP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1555</td>
<td>73.6% (1144)</td>
<td>13.4% (209)</td>
<td>5.9% (91)</td>
<td>4.6% (72)</td>
<td>2.5% (39)</td>
</tr>
</tbody>
</table>

**Breakdown of practice setting* (based on evaluations received & answers n=1555)**

<table>
<thead>
<tr>
<th>TOTAL Learners</th>
<th>Primary care</th>
<th>Inpatient/Hospital</th>
<th>Urgent care</th>
<th>Retail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1555</td>
<td>41.5% (646)</td>
<td>12.6% (196)</td>
<td>10.8% (168)</td>
<td>5.5% (85)</td>
</tr>
</tbody>
</table>

*Additional practice sites: Pediatrics- 4.1% (63)  
Long term care- 2.1% (33)  
Women’s health- 2.3% (35)  
Other- 21.1% (329)

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**Impact of activity**

Post Activity Gains  
30% (1555 paired)  
Overall increase in mean percent correct answers from pre to post, P < 0.001

43,956  
# of potential patients impacted monthly

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**Faculty**

Ruth Carrico, PhD, DNP, APRN, CIC

Dr. Carrico is a Professor and Family Nurse Practitioner with the University of Louisville School Medicine, Division of Infectious Diseases, and director of epidemiological research in the University’s Center of Excellence for Research in Infectious Diseases (CERID). Dr. Carrico has received training specific for healthcare epidemiology at the Centers for Disease Control and Prevention (CDC) in conjunction with the Rollins School of Public Health at Emory University in Atlanta and the Society for Healthcare Epidemiology of America (SHEA).