Continuous Professional Education Programme for Registered Nurses and Midwives to administer

Boostrix®, IPV Boostrix®, Menjugate®, Priorix® or MMRvaxPro® and Gardasil Vaccines

under the Medicine Protocol to Children/Students in Primary and/or Second Level Schools (or equivalent) through a Schools Immunisation Programme
Background

• National Immunisation Group in conjunction with Office of Nursing and Midwifery Services Director Department, (ONMSD), National Immunisation Office (NIO), National Implementation Group (NIG), Nursing and Midwifery Board of Ireland (NMBI).

• The ONMSD develops Medicine Protocols and with NMBI support the Administration of Immunisations under Medicine Protocols by nurse/midwives to children/students in Primary and/or Second Level Education through the Schools Immunisation Programme (SIP).

• The National Immunisation Office reviews the Medicine Protocols and provide national guidance and the HSE School Vaccination teams administer vaccinations under the Medicine Protocols.

• The Centres of Nurse and Midwifery Education deliver education to support the School Immunisation Programme (SIP).
Overview of Continuous Professional Education on Immunisations for Registered Nurses and Midwives

1. Introduction to Schools Immunisation Programme (SIP)
2. Current issues and Communications
3. Professional and Legal Aspects of Vaccinations
4. Immunisation Process
   1. Storage & Handling
   2. Standard Precautions
   3. Immunisation administration/monitoring
   4. Documentation
   5. Audit
6. Questions & Evaluation
Aim of National ONMSD & NIO Educational Programme

• The aim of this programme is to facilitate registered nurses/midwives employed by the HSE to develop and maintain the requisite knowledge, skills and competencies to safely administer immunisations under Medicine Protocols through the Schools Immunisation Programme (SIP).

• The Schools Immunisation Programme utilising Medicine Protocols vaccinates children/students against the following diseases;
  – Measles, Mumps, Rubella
  – Tetanus, Diphtheria, Polio, Pertussis
  – Human Papilloma Virus
  – Meningococcal Group C
Learning Outcomes

- Practice safely and maintain competence in accordance with best evidence in relation to the Schools Immunisation Programme (SIP).
- Discuss current issues in relation to immunisation and the importance of effective communication.
- Critically evaluate the professional and legal aspects that underpin the safe practice of nurses/midwives in the Schools Immunisation Programme.
- Discuss knowledge of National Schools Immunisation Guidelines, local policies and guidelines.
- Manage the safe and effective administration of vaccines.
- Demonstrate effective documentation and record keeping.
Eligibility Criteria for Use of Medicine Protocol for the Administration of Vaccines by Registered Nurses/Midwives

Professional Qualifications:
- Registered nurse and/or midwife on the live Register of Nursing and Midwifery Board of Ireland (NMBI).

Minimum Training, Experience, Competence:
Education programme for nurses and/or midwives on the use of Medicines Protocols for the administration of vaccine to children/students in Primary and Second Level schools through a Schools Immunisation Programme.

- Basic Life Support for Health Care Workers within the last 2 years
- Approved Anaphylaxis Training programme and updates. www.hseland.ie
- Competency in Injection technique.

Recommended:
- E-learning Guide to Medicine Management (www.hseland.ie)
## Vaccinations for Primary School Children

<table>
<thead>
<tr>
<th>Name</th>
<th>Vaccine</th>
<th>Age</th>
<th>Medicine Protocols</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPV Boostrix®</td>
<td>4:1</td>
<td>Recommended age 4 to 5 years.</td>
<td>Medicine Protocol for the administration of <strong>IPV Boostrix®</strong> vaccine by Registered Nurses and Midwives to Children in Primary School through a Schools Immunisation Programme.</td>
</tr>
<tr>
<td>Priorix®</td>
<td>MMR</td>
<td>Recommended age 4 to 5 years.</td>
<td>Medicine Protocol for the administration of <strong>Priorix®</strong> by Registered Nurses and Midwives to Children/Students in Primary and Second Level Schools through a Schools Immunisation Programme.</td>
</tr>
<tr>
<td>MMRvaxPro®</td>
<td>MMR</td>
<td>Recommended age 4 to 5 years.</td>
<td>Medicine Protocol for the administration of <strong>MMRvaxPro®</strong> by Registered Nurses and Midwives to Children/Students in Primary and Second Level Schools through a Schools Immunisation Programme.</td>
</tr>
</tbody>
</table>
# Vaccinations for Second Level Students

<table>
<thead>
<tr>
<th>Name</th>
<th>Vaccine</th>
<th>Age</th>
<th>Medicine Protocols</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boostrix®</td>
<td>Tdap</td>
<td>Recommended age 12 to 13 years.</td>
<td>Medicine Protocol for the administration of <strong>Boostrix®</strong> by Registered Nurses and Midwives to Students in First Year in Second Level Schools or equivalent through a Schools Immunisation Programme.</td>
</tr>
<tr>
<td>Gardasil®</td>
<td>HPV</td>
<td>Recommended age 12 to 13 years.</td>
<td>Medicines Protocol for the administration of <strong>Gardasil®</strong> by Registered Nurses and Midwives to girls in second level schools or equivalent through a Schools Immunisation Programme.</td>
</tr>
<tr>
<td>Menjugate®</td>
<td>Men C</td>
<td>Recommended age 12 to 13 years.</td>
<td>Medicine Protocol for the administration of <strong>Menjugate®</strong> by Registered Nurses and Midwives to Students in First Year in Second Level Schools or equivalent through a Schools Immunisation Programme.</td>
</tr>
</tbody>
</table>

# Uptake Vaccinations for Primary School Children

<table>
<thead>
<tr>
<th>Name</th>
<th>Vaccine</th>
<th>Uptake 2015/2016</th>
<th>Uptake 2015/2016</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>GP Administered</td>
</tr>
<tr>
<td>IPV Boostrix</td>
<td>4:1</td>
<td>91.9% (WHO target 95%)</td>
<td>90.4</td>
</tr>
<tr>
<td>MMR</td>
<td>MMR</td>
<td>91.5% (WHO target 95%)</td>
<td>90.7</td>
</tr>
</tbody>
</table>

Source: HSE Health Protection Surveillance Centre (HPSC) www.hpsc.ie
Uptake Vaccinations for Second Level Students

<table>
<thead>
<tr>
<th>Name</th>
<th>National Uptake 2016/2017</th>
<th>International Uptake</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPV Vaccine Uptake</td>
<td>72.3% (85% uptake of 2 dose schedule HIQA Target)</td>
<td>• Northern Ireland – 90.7%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Scotland – 90%</td>
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<tr>
<td></td>
<td></td>
<td>- England – 85.1%</td>
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<tr>
<td></td>
<td></td>
<td>- Wales – 85.2%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Australia – 77.4%</td>
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<tr>
<td></td>
<td></td>
<td>• United States – 52.2%</td>
</tr>
</tbody>
</table>

Source: HSE Health Protection Surveillance Centre (HPSC) [www.hpsc.ie](http://www.hpsc.ie)
Sources of Information / websites

- Centre for Diseases Control and Prevention [http://www.cdc.gov/vaccinations/](http://www.cdc.gov/vaccinations/)

- European Medicines Agency available at [www.EMA.europa.eu](http://www.EMA.europa.eu)


- Health Service Executive - [http://www.hse.ie](http://www.hse.ie)

- Health Protection Surveillance Centre [http://www.hpsc.ie](http://www.hpsc.ie)

- Health Protection Agency - *Core Curriculum for Immunisation Training* [http://www.hpa.org.uk/infections/topics_az/vaccination/training_menu.htm](http://www.hpa.org.uk/infections/topics_az/vaccination/training_menu.htm)
Sources of Information / websites

- Irish Cancer Society [http://www.cancer.ie](http://www.cancer.ie)
- National Immunisation Office [http://www.immunisation.ie](http://www.immunisation.ie)
- NMBI guidance documents [http://www.nursingboard.ie](http://www.nursingboard.ie)
Any Questions

• Presentations to follow
• Current Issues and Communication
• Professional and Legal Aspects
• Immunisation Process
• Vaccination Protocols 1 – 6
• Evaluation