Continuous Professional Education Programme for Registered Nurses and Midwives to administer

IPV Boostrix Vaccine

Under the Medicine Protocol to Children in Primary School (or age equivalent) through a Schools Immunisation Programme
Medicine Protocol

This Medicine Protocol is a specific written instruction for the administration of IPV Boostrix Vaccine

- Diphtheria,
- Tetanus,
- Pertussis (acellular, component) &
- Poliomyelitis (inactivated),

vaccine to children who may not be individually identified before presentation for treatment.
Clinical Criteria

Active immunisation against and prevention of:
- Diphtheria
- Tetanus
- Pertussis (whooping cough)
- Poliomyelitis (polio)

- **Booster Immunisation** to children who have previously completed a primary course when they were younger.
Circumstances in which the Medicine Protocol applies

• The School Immunisation Programme is delivered annually by the Health Service Executive (HSE).

• The aim of the immunisation programme is to administer **IPV Boostrix vaccine** - **diphtheria, tetanus, pertussis** (acellular, component) and **poliomyelitis** (inactivated) vaccine, absorbed to children in primary schools who have previously received a primary immunisation series against these diseases.
Inclusion Criteria for IPV Boostrix

• Children in junior infants class in primary schools in Ireland or age equivalent e.g. home schooled, and special school, and who have previously received primary vaccinations against these diseases.

• Children with valid consent
Exclusion Criteria for IPV Boostrix

- Children who have not commenced or completed primary immunisation course.

Children with a history of:
- Known anaphylactic or hypersensitivity reaction to IPV Boostrix or any of the vaccine components including neomycin, polymyxin.
- Acute febrile illness.
- Children who are immunocompromised either due to disease or treatment.
- Children with a contraindication to intramuscular injection.
IPV Boostrix Vaccine

Details of the most current and update information of the SmPC and other data is available on the website https://www.hptra.ie
Possible Side Effects

Very Common Reactions (more than 1 in 10 doses)
- Redness induration at injection site
- Somnolence (drowsiness)

Common Reactions (more than 1 in 100 doses and less than 1 in 10)
- Diarrhoea and/or vomiting
- Anorexia
- Pyrexia - fever of 38 C or more
- Nervousness (irritability)
- Headache

For a full list of side effects refer to https://www.hpra.ie
What are the constituents of IPV Boostrix Vaccination?

IPV Boostrix 0.5ml contains:

- 1 dose (0.5ml) contains:
  - Diphtheria toxoid¹ not less than 2 International Units (IU) (2.5 Lf)
  - Tetanus toxoid¹ not less than 20 International Units (IU) (5 Lf)
  - *Bordetella pertussis* antigens
  - Pertussis toxoid¹ 8 micrograms
  - Filamentous Haemagglutinin1 8 micrograms
  - Pertactin¹ 2.5 micrograms
  - Inactivated poliovirus
  - type 1 (Mahoney strain)² 40 D-antigen unit
  - type 2 (MEF-1 strain)² 8 D-antigen unit
  - type 3 (Saukett strain)² 32 D-antigen unit

1. adsorbed on aluminium hydroxide, hydrated (A1(OH)₃) 0.3 milligrams A1 and aluminium phosphate (A1PO₄) 0.2 milligrams A1
2. propagated in VERO cells
Nature and contents of Pack

• Packs of 10 of pre-filled syringes with 25G x 25mm needles
Any Questions?