Office of the Nursing & Midwifery Services Director

Seirbhís Sláinte Níos Fearr á Forbairt | Building a Better Health Service

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 Vaccination.

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

- 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

- This is for senior infants who missed vaccination in junior infants due to pandemic NOT for 2020/21 Junior infants. If this is no longer available, they can be given Tetravac.

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.hpra.ie**

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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 38^0 C or more
- Nervousness (irritability)
- Headache

For a full list of side effects refer to https:// www.hpra.ie

Constituents of IPV Boostrix Vaccination

IPV Boostrix 0.5ml contains:

- 1 dose (0.5ml) contains:
- Diphtheria toxoid[1] not less than 2 International Units (IU) (2.5 Lf)
- Tetanus toxoid[1] not less than 20 International Units (IU) (5 Lf)
- *Bordetella pertussis* antigens
- Pertussis toxoid[1] 8 micrograms
- Filamentous Haemagglutinin1 8 micrograms
- Pertactin[1] 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?