

used for patients with bleeding disorders; not to be injected into the buttock (vaccine efficacy reduced)

#### HAVRIX MONODOSE®

##### Immunisation against hepatitis A infection

- ▶ BY INTRAMUSCULAR INJECTION
- ▶ Child 1–15 years: Initially 0.5 mL for 1 dose, then 0.5 mL after 6–12 months, dose given as booster; booster dose may be delayed by up to 3 years if not given after recommended interval following primary dose, the deltoid region is the preferred site of injection. The subcutaneous route may be used for patients with bleeding disorders
- ▶ Child 16–17 years: Initially 1 mL for 1 dose, then 1 mL after 6–12 months, dose given as booster; booster dose may be delayed by up to 3 years if not given after recommended interval following primary dose, the deltoid region is the preferred site of injection. The subcutaneous route may be used for patients with bleeding disorders

#### VAQTA® PAEDIATRIC

##### Immunisation against hepatitis A infection

- ▶ BY INTRAMUSCULAR INJECTION
- ▶ Child 1–17 years: Initially 0.5 mL for 1 dose, then 0.5 mL after 6–18 months, dose given as booster, the deltoid region is the preferred site of injection. The subcutaneous route may be used for patients with bleeding disorders (but immune response may be reduced)

#### ● SIDE-EFFECTS

- ▶ **Uncommon** Anxiety · asthenia · cough · crying · drowsiness · gastrointestinal discomfort · nasal complaints · pain · sleep disorders
- ▶ **Rare or very rare** Allergic rhinitis · asthma · ataxia · burping · chest pain · constipation · dehydration · ear pain · eyelid crusting · feeling hot · flushing · gait abnormal · gastrointestinal disorders · infantile spitting up · influenza like illness · musculoskeletal stiffness · oropharyngeal pain · paraesthesia · respiratory tract congestion · screaming · sensation of tightness · sweat changes · synovitis
- ▶ **Frequency not known** Guillain-Barre syndrome · thrombocytopenia

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

##### Suspension for injection

EXCIPIENTS: May contain Neomycin

- ▶ **Avaxim** (Sanofi Pasteur)
  - Avaxim vaccine suspension for injection 0.5ml pre-filled syringes | 1 pre-filled disposable injection [PoM] £21.72 | 10 pre-filled disposable injection [PoM] £217.20
- ▶ **Havrix** (GlaxoSmithKline UK Ltd)
  - Havrix Monodose vaccine suspension for injection 1ml pre-filled syringes | 1 pre-filled disposable injection [PoM] £22.14 DT = £22.14 | 10 pre-filled disposable injection [PoM] £221.43
  - Havrix Junior Monodose vaccine suspension for injection 0.5ml pre-filled syringes | 1 pre-filled disposable injection [PoM] £16.77 | 10 pre-filled disposable injection [PoM] £167.68
- ▶ **VAQTA** (Merck Sharp & Dohme Ltd)
  - VAQTA Paediatric vaccine suspension for injection 0.5ml pre-filled syringes | 1 pre-filled disposable injection [PoM] £14.74

## Hepatitis A with typhoid vaccine

The properties listed below are those particular to the combination only. For the properties of the components please consider, hepatitis A vaccine p. 821, typhoid vaccine p. 820.

#### ● INDICATIONS AND DOSE

##### HEPATYRIX®

##### Immunisation against hepatitis A and typhoid infection (primary course)

- ▶ BY INTRAMUSCULAR INJECTION
- ▶ Child 15–17 years: 1 mL for 1 dose, the deltoid region is the preferred site of injection; not to be injected into the buttock (vaccine efficacy reduced). The subcutaneous route may be used for patients with bleeding disorders, booster dose given using single component vaccines

##### VIATIM®

##### Immunisation against hepatitis A and typhoid infection (primary course)

- ▶ BY INTRAMUSCULAR INJECTION
- ▶ Child 16–17 years: 1 mL for 1 dose, the deltoid region is the preferred site of injection; not to be injected into the buttock (vaccine efficacy reduced). The subcutaneous route may be used for patients with bleeding disorders, booster dose given using single component vaccines

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

##### Suspension for injection

EXCIPIENTS: May contain Neomycin

- ▶ **VIATIM** (Sanofi Pasteur)
  - VIATIM vaccine suspension for injection 1ml pre-filled syringes | 1 pre-filled disposable injection [PoM] £35.76 DT = £35.76

814

## Hepatitis B vaccine

#### ● INDICATIONS AND DOSE

##### ENGERIX B®

##### Immunisation against hepatitis B infection

- ▶ BY INTRAMUSCULAR INJECTION
- ▶ Neonate: 10 micrograms for 1 dose, then 10 micrograms after 1 month for 1 dose, followed by 10 micrograms after 5 months for 1 dose, anterolateral thigh is preferred site in neonates; not to be injected into the buttock (vaccine efficacy reduced), this dose should not be given to neonates born to hepatitis B surface antigen positive mother.
- ▶ Child 1 month–15 years: 10 micrograms for 1 dose, then 10 micrograms after 1 month for 1 dose, followed by 10 micrograms after 5 months for 1 dose, deltoid muscle is preferred site of injection in older children; anterolateral thigh is preferred site in infants and young children; not to be injected into the buttock (vaccine efficacy reduced)
- ▶ Child 16–17 years: 20 micrograms for 1 dose, then 20 micrograms after 1 month for 1 dose, followed by 20 micrograms after 5 months for 1 dose, deltoid muscle is preferred site of injection; not to be injected into the buttock (vaccine efficacy reduced)

##### Immunisation against hepatitis B infection (accelerated schedule)

- ▶ BY INTRAMUSCULAR INJECTION
- ▶ Neonate: 10 micrograms every month for 3 doses, followed by 10 micrograms after 10 months for 1 dose, anterolateral thigh is preferred site in neonates; not to