TETANUS ANTITOXIN 1000/1500 IU IP/BP/IHS

(Each mL Contains Enzyme Refined, Equine Tetanus Antitoxic Immunoglobulin Fragments)

Description

Tetanus antitoxin is prepared by hyperimmunising horses with Tetanus toxoid. Plasma obtained from healthy immunised horses is enzyme refined, purified and concentrated. The Tetanus antitoxin has the specific antitoxic immunoglobulins which neutralize the toxin formed by *Clostridium tetani* the causative organism of Tetanus infection.

Administration and Dosage

Tetanus antitoxin is given prophylactically to persons at the risk of tetanus infection by infected wounds or severe wounds. A dose of 1000/1500 IU should be given intramuscularly or subcutaneously and the dose may be doubled or tripled in case of multiple and severe wounds. Prophylactic dose is also given in surgical operations as post operative care.

Along with this passive immunisation it is advisable to initiate active immunisation with adsorbed Tetanus vaccine.

Serum reaction

In case of patients receiving Tetanus antitoxin, it should be essential to test for hypersensitivity of the individual with a test dose.

Serum sensitivity test is carried out by injecting 0.1 mL Tetanus antitoxin serum in 1:10 dilution either subcutaneously or intradermally and observing for half an hour for any local or general reaction. In case of hypersensitive reaction, serum should be given with great caution in small divided dose subcutaneously at regular intervals of half an hour. Adrenaline Injection (1:1000) must be given for immediate treatment of shock if it develops. Intravenous administration of serum is not recommended in hypersensitive cases.

Storage

The liquid Tetanus antitoxin should be stored at $2^{\circ}C$ to $8^{\circ}C$. It should not be allowed to freeze.

Presentation

Tetanus antitoxin is supplied as 1mL liquid in a glass vial/ampoule/pfs.

Disposable

Left over antiserum and used vials/ampoule/pfs should be discarded as Biomedical waste.

Manufactured by:
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