# Institute<sup>u</sup>nglo<u>ř</u>kiurdvody





manifestations (asthma, eczema, etc.). If the patient did not previously receive horse proteins, a complete dose can be administered at once, except in patients with allergic diseases in their personal or family anamnesis.

In patients who have previously received horse proteins without allergic reaction, a 0.2 ml dose is administered subcutaneously. If after at least 30 minutes no allergic reaction occurs, the remainder of the dose can be administered intramuscularly (IM). In patients who have previously received horse antiserum with local or general reactions (as in individuals with allergy), an antiserum of another animal should be administered. Only if it is unavoidable (there is no antiserum available of another animal), desensitization should be tried with 0.2 ml of a 1:10 dilution subcutaneously, and after 30 minutes with 0.2 ml undiluted antiserum. If in the next 30 minutes there is no reaction, the remaining quantity of antiserum can be administered intramuscularly.

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None known.					
Diphtheria antitoxin (equine) must not be administered during pregna	ncy.				
posology and methods of administration					
It is administered intramuscularly ( <i>im</i> ). Prophylaxis					
antitoxin. The dose of diphtheria antitoxin (equine) for prophylaxis dep the extent of exposure, and the medical condition of the individual, but administered intramuscularly as a single dose to adults or children. Di diphtheria toxoid (diphtheria and tetanus vaccine) should not be inject place due to possible diphtheria toxoid neutralization in the compositic Treatment	ends on t is usuall phtheria ed simult on of the	the tim by 5 00 antitox aneou vaccino duratic	ingle d le sinc 0 to 10 in (equ sly or i e. on of th	e expo 0000 I uine) a n the s	osure, .U. nd same same ase, ay in

#### side effects

In administering diphtheria antitoxin (equine), a foreign protein enters the body and this may cause hypersensitivity reactions. Reactions occur in individuals sensitized to horse proteins or proteins of other animals either by previous administration of the antiserum or in some other way. Reactions to a foreign protein may be manifested as an anaphylactic reaction and serum sickness. An anaphylactic reaction to horse antiserum is immediate and includes urticaria, dyspnoea, and

vascular collapse due to disorder in the blood system and sudden drop in blood pressure accompanied by paleness, cyanosis and an accelerated pulse.

Serum sickness (7-12 days after the first injection of antiserum, or 3-5 days after the second injection, which follows 4-5 months after the first), is evident in a small percentage of patients with more or less generalised erythema, urticaria, itching, occasionally fever, pain and oedema of the joints and lymph nodes.

The incidence of anaphylactic reaction and serum sickness depends on the quantity of the horse proteins administered for treatment. During manufacture of diphtheria antitoxin (equine), non-specific proteins, other than immunoglobulins, are removed by purification, so that in the preparation less than 50% of the total proteins present in the hyperimmune horse plasma remain. Purification increases the specific activity of the preparation considerably.

### storage

Store at 2 °C to 8 °C. Once the vial is opened, the preparation must be used immediately.

#### shelf-life

The expiration date is indicated on the outer carton.

## manufactured exclusively for

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