Gamastan

TRANSFUSION MEDICINE SERVICES

OTHER NAMES	CLASSIFICATION	ALERTS
IMIG	Immunglobin	Contains human plasma

PREPARATION and ADMINISTRATION

Reconstitution – None.

GamaSTAN® S/D is a a sterile solution of immune globulin for intramuscular administration.
It is a clear to opalescent liquid which can range from colorless, to pale yellow or pink.

Intramuscular Injection

Administer intramuscularly, preferably in the anterolateral aspects of the upper thigh and the deltoid muscle of the upper arm.

The gluteal region should not be used routinely as an injection site because of the risk of injury to the sciatic nerve.

Doses over 10 mL should be divided and injected into several muscle sites to reduce local pain and discomfort.

Requirements and Monitoring

Pre and post injection vitals

Blood pressure via cuff or arterial line

Temperature

Heart Rate

Respirations

Lung sounds in non-verbal, non-oriented or pediatric patients and patients with CHF or pulmonary dysfunction

Keep unopened back up bag of NS and standard IV tubing nearby for prompt response if an adverse event (AE) occurs.

INDICATIONS

Hepatitis A

The prophylactic value is greatest when given before or soon after exposure to hepatitis A. Not indicated in persons with clinical manifestations of hepatitis A or in those exposed more than 2 weeks previously.

Measles (Rubeola)

To prevent or modify measles in susceptible person exposed fewer than 6 days previously. A susceptible person is one who has not been vaccinated and has not had measles previously. GamaSTAN® S/D and measles vaccine should not be given at the same time. GamaSTAN® S/D may also be considered for severely immunocompromised individuals exposed to measles regardless of immunization status. Children who are immunocompromised should not receive measles vaccine or any other live viral vaccine.

Varicella

Passive immunization against varicella in immunosuppressed patients is best accomplished by use of Varicella-Zoster Immune Globulin (Human) [VZIG]. If VZIG is unavailable, GamaSTAN® S/D, promptly given, may also modify varicella.

Rubella

Indicated to modify rubella in exposed women who will not consider a therapeutic abortion.

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ADVERSE EFFECTS

Adverse reactions may include: Allergic-type hypersensitivity reactions including anaphylaxis have been reported and have manifested as pruritus, rash, urticaria, local site reactions, hives, facial swelling, dizziness, hypotension, nausea, chest discomfort, cough, dyspnea, wheezing, flushing, discomfort (generalized) and fatigue.

If an AE is suspected: Consult the authorized prescriber (AP) for medical management. Notify the TM lab of a suspected reaction.

- Review the product lot number, TM tag and patient ID to rule out a verification (clerical) error and that the expiry date and time has not passed.
- Ensure TM tag, along with a copy of the documented clinical data and interventions are sent to TM lab if an adverse event occurs.

Note: AP may require blood work

DOSAGE

Refer to product monograph for dosing based on individual clinical context.

COMPATIBILITY, STABILITY

- Single use vials. Do not use past expire date
- Do not dilute
- Protect vials from light
- Do not store unused vials in refrigerator. Administer at room temperature

DOSAGE FORMS

- Supplied by Transfusion Medicine

MISCELLANEOUS

- None

RECONSTITUTION

- Not applicable

REFERENCES

- CL-BP-030, IWK-625 Blood Component and Blood Product Administration - Policy and Procedure
- GamaSTAN product monograph. Found at https://www.grifols.com/en/products-services/-/product-search/canada