

# VAX

# FACTS

**FROM: Communicable Disease Prevention Unit  
Population Health Division  
San Francisco Department of Public Health**

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## **INCREASED DOSAGE RECOMMENDED FOR INTRAMUSCULAR IMMUNE GLOBULIN FOR HEPATITIS A PRE- AND POST-EXPOSURE PROPHYLAXIS**

The recommended dosage of human immunoglobulin (IG) for intramuscular administration has been **increased to 0.1 mL/kg** for pre- and post-exposure prophylaxis of Hepatitis A virus (HAV) infection – this is 5 times greater than the previously recommended dose.

- GamaSTAN® S/D (Grifols Therapeutics) is the only available formulation of human intramuscular (IM) immunoglobulin (IG) in the USA.
- In July 2017 Grifols increased the recommended dosages of GamaSTAN S/D for pre- and post-exposure prophylaxis of HAV infection. The dosages were changed based on reportedly lower concentrations of anti-HAV antibodies in the product due to decreasing prevalence of previous HAV infection among plasma donors.
- **Post-Exposure Prophylaxis.** Susceptible contacts exposed to HAV are recommended to receive a dose of single-antigen HAV vaccine and/or intramuscular IG as soon as possible within 2 weeks of last exposure. When intramuscular IG is indicated, the dose should be **0.1 mL/kg**. For guidance in managing HAV exposures contact SFDPH Communicable Disease Control at (415) 554-2830.
- **Pre-Exposure Prophylaxis.** HAV vaccine is recommended for susceptible persons planning international travel to countries with endemic Hepatitis A; however, intramuscular IG may be used as pre-exposure HAV prophylaxis in infants age <12 months for whom vaccine is not approved, and for certain others (e.g. immune compromised persons who might not develop seroprotection after vaccination). The dose of intramuscular IG for pre-exposure HAV prophylaxis is **0.1 mL/kg for travel of duration up to one month**, 0.2 mL/kg for duration up to two months, and repeated boosters of 0.2 mL/kg every two months for duration beyond two months.

CA Dept. Public Health Hepatitis A Info: <https://archive.cdpd.ca.gov/HealthInfo/discond/Pages/HepatitisA.aspx>  
Grifols GamaSTAN page: <https://www.hypermunes.com/en/hcp/gamastan-hepatitis-a>  
CDC Travelers Health page: <https://wwwnc.cdc.gov/travel/yellowbook/2018/infectious-diseases-related-to-travel/hepatitis-a>



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