



STIMATE Facts Sheet

What is Stimate?

- ❖ Desmopressin acetate nasal spray (1.5mg/mL), a synthetic form of the body's naturally occurring hormone, vasopressin
- ❖ ***Generic Desmopressin acetate nasal spray should **NOT** be used in individuals with bleeding disorders as it is 15x lesser concentrated than brand name, Stimate and not effective in treating bleeding***

What is it used for?

- ❖ To prevent, stop, or slow prolonged bleeding (nosebleeds, mouth bleeds, heavy periods, joint bleeds or soft tissue injury) in individuals with certain types of von Willebrand Disease (VWD) and mild factor VIII deficiency (Hemophilia A)

How does it work?

- ❖ Stimate causes the body to release extra stores of von willebrand protein and factor VIII from the endothelial cells and increases the plasma levels of these clotting proteins to help stop bleeding
- ❖ It begins to work in about 30-60 minutes and may last for 8-12 hours or longer

How Is It Used?

- ❖ Stimate is administered intranasally
- ❖ Dose for patients 44- 110lbs is 1 spray and > 110lbs is 2 sprays
- ❖ If the dose is 2 sprays, administer one spray in each nostril

- ❖ If one nostril is bleeding, administer both sprays in the nostril that is not bleeding)
- ❖ The dose should not be repeated within 24 hours unless discussed with your healthcare provider and recommended

Possible Side Effects:

- ❖ Facial flushing, fluid retention, nasal congestion, headache, nausea, abdominal pain, changes in blood pressure or heart rate, dizziness
- ❖ The health care provider should be contacted if these symptoms are severe or persist

Important Facts:

- ❖ Fluids should be restricted for 24 hours after administration as the drug causes fluid retention and can decrease sodium concentration (hyponatremia) which could lead to seizures.

Weight		24hr Fluid Restriction	
kg	lbs	mL	Oz
10	22	750	25
20	44	1000	33
30	66	1200	40
40	88	1400	46
50+	110+	1600	53

- ❖ Stimate is not as effective when taken multiple days in a row as there are less stores of clotting factor that can be released each consecutive day
- ❖ There are 25 sprays per bottle and a chart within the package insert to keep track of number of doses administered
- ❖ Bottle expires 6 months from the time the pump is activated.

For further questions regarding Stimate, please see [package insert](#) or contact the **Rhode Island Hemostasis & Thrombosis Center** at 401-444-8250 Monday-Friday 8:30am-5pm. After hours/weekends/holidays, please call 401-444-4000 and ask for the pediatric or adult hematologist on-call to be paged