



# ANTI RH-D IMMUNOGLOBULIN: RHOPHYLAC to replace RHESONATIV

Anti Rh-D Immunoglobulin  
250mcg/2ml (Rhesonativ®)  
has been **discontinued**

REPLACED BY

Anti Rh-D Immunoglobulin  
300mcg/2ml (Rhophylac®)



1 mcg = 5 international units

## INDICATION AND DOSAGE OF RHOPHYLAC<sup>1</sup>

Suppression of Rh Isoimmunization (IV or IM administration only)

Indication	Timing of Administration	Dose
<b>Antepartum prophylaxis:</b>		
Planned antepartum prophylaxis	At 28 to 30 weeks of pregnancy	300 mcg (1500 IU) as single dose
Antepartum prophylaxis following complications of pregnancy	Within 72 hour of complication	300 mcg (1500 IU) as single dose*
<b>Postpartum prophylaxis:</b> (The postpartum dose must be given even when antepartum prophylaxis has been administered)	Within 72 hour of birth	300 mcg (1500 IU) as single dose*
<b>Large feto-maternal haemorrhage (&gt; 4 ml)</b>	Within 72 hour of complication	300 mcg (1500 IU) as single dose <b>plus:</b> <ul style="list-style-type: none"> <li>10 mcg (50 IU) per 0.5 ml Rh(D) positive foetal RBCs</li> </ul> <b>OR</b> <ul style="list-style-type: none"> <li>10 mcg (50 IU) per 1 ml Rh(D) positive foetal blood</li> </ul>
<b>Incompatible transfusions</b> (IV route of administration is recommended as it will achieve adequate plasma levels immediately. If given by IM administration, the large doses should be administered over a period of several days)	Within 72 hour of exposure	<ul style="list-style-type: none"> <li>10 mcg (50 IU) per 0.5 ml transfused Rh(D) positive RBCs concentrate</li> </ul> <b>OR</b> <ul style="list-style-type: none"> <li>10 mcg (50 IU) per 1 ml transfused Rh(D) positive blood</li> </ul> Due to possible risk of haemolysis, it is suggested to <b>not exceed the dose of 3000 micrograms (15000 IU)</b>

\* The Rhophylac dose may need to be increased if the patient is exposed to > 15 ml of Rh(D) positive foetal RBCs. In this case, follow the dosing guidelines for large feto-maternal haemorrhage.

# RHOPHYLAC ADMINISTRATION <sup>2</sup>

## IM administration

- Gently twist off the clear syringe cap.
- Attach syringe to SafetyGlide™ needle.
- Following administration, firmly push lever to activate shielding mechanism.



- If large doses (>5 ml) are required and IM route is chosen, it is advisable to administer them in divided doses at different sites.

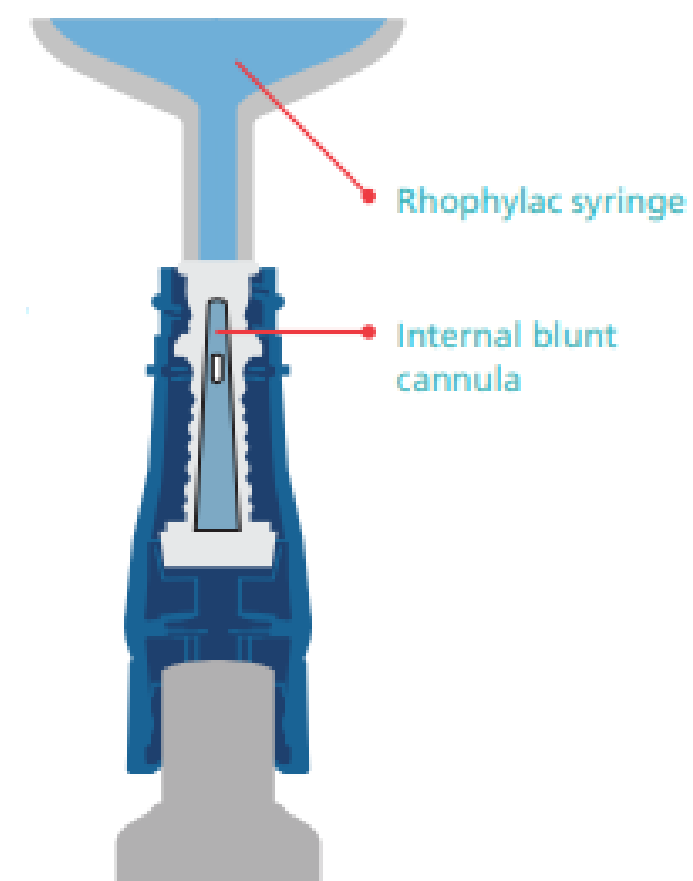
## IV administration

- Attach the prefilled syringe to the IV access device.



- Not every needle-free IV system is compatible with standard glass syringes. In particular, those connectors that have an internal blunt cannula are known to potentially block the Rhophylac syringe conus in an irreversible way. These connectors must NOT be used with Rhophylac.

Cross-sectional view of a connector with an internal blunt cannula



- In case of haemorrhagic disorders where IM route are contraindicated and for obese patient with BMI  $\geq 30$ , Rhophylac should be administered intravenously. <sup>1,2</sup>

## STORAGE <sup>2</sup>

- ✓ Store Rhophylac between 2°C to 8°C in its original carton
- ✓ Protect from light
- ✓ Do not freeze



**Note:** Rhophylac should be brought to room temperature prior to administration.

## CONTRAINDICATION <sup>3</sup>

- ✗ Anaphylactic or severe systemic reaction to a previous dose of human immune globulin
- ✗ Use in IgA-deficient patients with antibodies to IgA and a history of hypersensitivity to Rhophylac or any component of the formulation
- ✗ Administration to the neonate of a mother who received Rhophylac postpartum.



### REFERENCES :

1. RHOPHYLAC, 300 HUMAN ANTI-D IMMUNOGLOBULIN [Product Information]. CSL Behring. Retrived on 15/10/2025 from: [https://quest3plus.bpfk.gov.my/front-end/attachment/66/pharma/69518/V\\_54928\\_20220208\\_185739\\_D3.pdf](https://quest3plus.bpfk.gov.my/front-end/attachment/66/pharma/69518/V_54928_20220208_185739_D3.pdf)
2. Rhophylac Administration Guide . <https://labeling.cslbehring.com/PRODUCT-DOCUMENT/US/Rhophylac/EN/Administration-Guide.pdf>
3. UpToDate2025.Drug Information. [https://www.uptodate.com/contents/anti-d-immune-globulin-rho-d-immune-globulin-drug-information?search=rhophylac&source=panel\\_search\\_result&selectedTitle=1~91&usage\\_type=panel&kp\\_tab=drug\\_general&display\\_rank=1](https://www.uptodate.com/contents/anti-d-immune-globulin-rho-d-immune-globulin-drug-information?search=rhophylac&source=panel_search_result&selectedTitle=1~91&usage_type=panel&kp_tab=drug_general&display_rank=1)

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