# Protamine sulfate

Section: 10. Medicines affecting the blood > 10.2. Medicines affecting coagulation

EMLc | ATC codes: V03AB14

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|---|---|
| **Indication** | Haemorrhagic disorder due to circulating anticoagulants or coagulation factors inhibitors ICD11 code: 3B21 |
| **INN** | Protamine sulfate |
| **Medicine type** | Chemical agent |
| **List type** | Core (EML)<br>Complementary (EMLc) |
| **Formulations** | **Parenteral > General injections > IV:** 10 mg per mL in 5 mL ampoule or vial |
| **EML status history** | First added in 1977 (TRS 615)<br>Changed in 1979 (TRS 641)<br>Changed in 1984 (TRS 722)<br>Changed in 2007 (TRS 950)<br>Changed in 2025 (TRS 1064) |
| **Sex** | All |
| **Age** | Also recommended for children |
| **Therapeutic alternatives** | The recommendation is for this specific medicine |
| **Patent information** | Patents have expired in most jurisdictions<br>Read more about patents. |
| **Wikipedia** | Protamine sulfate |
| **DrugBank** | Protamine sulfate |

## Summary of evidence and Expert Committee recommendations

Following the review of the age-appropriateness of formulations on the EMLc, the Expert Committee recommended: - to modify the formulation descriptions to better describe the available dosage forms.