

EMLc

ATC codes: **V03AB14**

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

## 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.

