Insulin (human, intermediate-acting)

Section: 18. Medicines for endocrine disorders > 18.5. Medicines for diabetes > 18.5.1. Insulins

EMLc | ATC codes: A10AC01

Indication	Type 1 diabetes mellitus ICD11 code: 5A10
INN	Isophane insulin
Medicine type	Biological agent
List type	Core
Additional notes	including quality-assured biosimilars
Formulations	**Parenteral > General injections > SC:** 40 IU per mL in 10 mL vial as compound insulin zinc suspension or isophane insulin (EML) ; 100 IU per mL in 10 mL vial as compound insulin zinc suspension or isophane insulin ; 100 IU per mL in 3 mL cartridge as compound insulin zinc suspension or isophane insulin ; 100 IU per mL in 3 mL pre-filled pen as compound insulin zinc suspension or isophane insulin
EML status history	First added in 1977 (TRS 615) Changed in 1979 (TRS 641) Changed in 1984 (TRS 722) Changed in 1987 (TRS 770) Changed in 1997 (TRS 882) Changed in 2007 (TRS 950) Changed in 2009 (TRS 958) Changed in 2023 (TRS 1049) 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 Read more about patents.
Tags	Biological
Wikipedia	Insulin (human, intermediate-acting)
DrugBank	Insulin (Insulin Human)

Summary of evidence and Expert Committee recommendations

Following the review of the age-appropriateness of formulations on the EMLc, the Expert Committee recommended: - the medicine description be updated to replace 'Intermediate-acting insulin' with 'Insulin (human, intermediate-acting).