

[Retinol](#)

Essential medicine status

Section:

[27. Vitamins and minerals](#)

ATC codes: [A11CA01](#)

EMLc

Indication

Vitamin A deficiency ICD11 code: [5B55.Z](#)

INN

Retinol

Medicine type

Chemical agent

List type

Core

Formulations

Parenteral > General injections > IM: 50000 IU per mL in 2 mL ampoule or vial water-miscible (as palmitate)

Oral > Liquid: 100000 IU per mL (as palmitate or acetate)

Oral > Solid > capsule: 200000 IU (as palmitate or acetate) soft capsule ; 50000 IU (as palmitate) (EML) ; 100000 IU (as palmitate or acetate) soft capsule

EML status history

First added in 1977 ([TRS 615](#))

Changed in 1979 ([TRS 641](#))

Changed in 1987 ([TRS 770](#))

Changed in 2003 ([TRS 920](#))

Changed in 2007 ([TRS 946](#))

Changed in 2007 ([TRS 950](#))

Changed in 2009 ([TRS 958](#))

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](#).

Wikipedia

[Retinol](#)

DrugBank

[Retinol \(Vitamin A\)](#)

Summary of evidence and Expert Committee recommendations

Following the review of the age-appropriateness of formulations on the EMLc, the Expert Committee recommended: - the deletion of retinol 10000 IU sugar-coated tablets from the EML and EMLc; - the deletion of the 100000 IU/mL water-miscible injection formulation from the EML and EMLc; - the addition of a 50000 IU/mL water-miscible injection formulation to the EML and EMLc; - to modify the formulation descriptions to better describe the available dosage forms.