Lidocaine + epinephrine

Essential medicine status

Section: 1. Anaesthetics, preoperative medicines and medical gases > 1.2. Local anaesthetics

EMLc | ATC codes: N01BB52

Indication	Local anaesthetics ICD11 code: XM7Y85
INN	Lidocaine + epinephrine
Medicine type	Chemical agent
List type	Core
Formulations	**Parenteral > Locoregional injections > Other:** 1% (lidocaine hydrochloride OR lidocaine sulfate) + 1:200 000 epinephrine ; 2% (lidocaine hydrochloride OR lidocaine sulfate) + 1:200 000 epinephrine **Local > Dental > Cartridge:** 2% (lidocaine hydrochloride) + 1:80 000 epinephrine
EML status history	First added in 2002 (TRS 914) Changed in 2007 (TRS 950) 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	Lidocaine + epinephrine
DrugBank	Lidocaine, Epinephrine

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 of lidocaine + epinephrine (adrenaline) injection to better describe the available dosage forms.