




		EMLc	ATC codes: N02AA01
Indication	Pain	ICD11 code: <a href="#">ML0Z</a>	
Medicine type	Chemical agent		
List type	Core (EML) (EMLc)		
Formulations	Oral > Liquid: 10 mg per 5 mL (morphine hydrochloride or morphine sulfate) ; 5 mg per 5 mL (morphine hydrochloride or morphine sulfate) (EMLc) Parenteral > General injections > unspecified: 1 mg per mL in 1 mL ampoule (morphine hydrochloride or morphine sulfate) (EMLc) ; 2 mg per mL in 1 mL ampoule (morphine hydrochloride or morphine sulfate) (EMLc) ; 10 mg per mL in 1 mL ampoule (morphine hydrochloride or morphine sulfate) Oral > Solid > tablet: 10 mg immediate release (morphine sulfate) Oral > Solid > dosage form: 5 mg slow-release (morphine hydrochloride or morphine sulfate) (EMLc) ; 10 mg slow-release (morphine hydrochloride or morphine sulfate) ; 30 mg slow-release (morphine hydrochloride or morphine sulfate) ; 60 mg slow-release (morphine hydrochloride or morphine sulfate) ; 100 mg slow-release (morphine hydrochloride or morphine sulfate) ; 200 mg slow-release (morphine hydrochloride or morphine sulfate) (EML) Oral > Solid > granules: 20 mg (morphine sulfate) ; 30 mg (morphine sulfate) ; 60 mg (morphine sulfate) ; 100 mg (morphine sulfate) ; 200 mg (morphine sulfate) (EML)		
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 2003 ( <a href="#">TRS 920</a> ) Changed in 2007 ( <a href="#">TRS 946</a> ) Changed in 2007 ( <a href="#">TRS 950</a> ) Changed in 2013 ( <a href="#">TRS 985</a> ) Changed in 2015 ( <a href="#">TRS 994</a> ) Changed in 2025 ( <a href="#">TRS 1064</a> )		
Sex	All		
Age	Also recommended for children		
Therapeutic alternatives	hydromorphone (ATC codes: N02AA03) oxycodone (ATC codes: N02AA05)		
Patent information	Patents have expired in most jurisdictions Read more <a href="#">about patents</a> . 		
Wikipedia	<a href="#">Morphine</a> 		
DrugBank	<a href="#">Morphine</a> 		

### Summary of evidence and Expert Committee recommendations

Following the review of the age-appropriateness of formulations of medicines for children on the EMLc, the Expert Committee recommended: - the addition of morphine injection 1 mg/mL and 2 mg/mL in 2 mL ampoule to the EMLc; - the addition of morphine oral liquid 5 mg/5 mL to the EMLc; - the addition of morphine solid oral dosage form (slow-release) 5 mg to the EMLc; - the deletion of morphine granules (slow-release) 200 mg and morphine solid oral dosage form 200 mg (slow release) from the EMLc; - to replace the strength range for morphine granules and solid oral dosage form (slow release) with specific strengths on the EML and EMLc; - to modify the formulation descriptions of morphine injection to better describe the available dosage forms.

