Potassium chloride

Section: 26. Solutions correcting water, electrolyte and acid–base disturbances > Parenteral

- **Indication**: Hypokalaemia  
  **ICD11 code**: 5C57
- **Medicine type**: Chemical agent
- **List type**: Core (EML) (EMLc)
- **Formulations**:
  - Parenteral > General injections > IV:
    - 11.2% in 20 mL ampoule (equivalent to K+ 1.5 mmol/mL and Cl- 1.5 mmol/mL) (EML);
    - 7.5% solution for dilution (equivalent to K+ 1 mmol/mL and Cl- 2 mmol/mL) (EMLc);
    - 15% solution for dilution (equivalent to K+ 2 mmol/mL and Cl- 2 mmol/mL) (EMLc)
- **EML status history**:
  - First added in 1977 (TRS 615)
  - Changed in 1979 (TRS 641)
  - Changed in 1989 (TRS 796)
  - Changed in 1991 (TRS 825)
  - Changed in 2007 (TRS 950)
  - Changed in 2009 (TRS 958)
- **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**: [Potassium chloride](#)
- **DrugBank**: [Potassium chloride](#)

**Summary of evidence and Expert Committee recommendations**

The EMLc Subcommittee recommended the addition of two new strengths of potassium chloride IV solution for dilution (7.5% and 15%). The Subcommittee also recommended the deletion of the 11.2% strength from the EMLc. It remains listed on the EML.