

## **Drug class**

Antipsychotic

## Pharmacology<sup>[1]</sup>

Droperidol is a antipsychotic drug from the butyrophenone group that produces sedation.

#### Metabolism[1]

Hepatic metabolism with biliary/renal excretion as inactive metabolites.



#### **Indications**

 Acute behavioural disturbances (with a SAT Score  $\geq 2$ )



## **Contraindications**

- Allergy and/or Adverse Drug Reaction
- Parkinson's disease
- Previous dystonic reaction to droperidol
- Patients < 8 years



### **Precautions**

• Concomitant use of CNS depressants



## **Side effects**

• Extrapyramidal effects e.g. dystonic reactions (rare)

#### **Presentation**

• Vial, 10 mg/2 mL droperidol (DORM®)

| Onset (IV/IM) | Duration (IV/IM) | Half-life |
|---------------|------------------|-----------|
| 5–15 minutes  | 4–6 hours        | N/A       |

#### **Schedule**

• S4 (Restricted drugs).

| Routes of administration     |      |
|------------------------------|------|
| Intramuscular injection (IM) | ACP2 |
| Intravenous injection (IV)   | ACP2 |



# Adult dosages [3,4]

## Acute behavioural disturbances (with a SAT Score $\geq$ 2) ACP2 OAS Clinical Consultation and Advice Line consultation IM and approval required in all patients ≥65 years **OR** 13-15 years. $\geq$ 65 years – 5 mg May be repeated once at 15 minutes. Total maximum dose 10 mg. 16 years to < 65 years - **10 mg** May be repeated once at 15 minutes. Total maximum dose 20 mg. 13-15 years - **0.1-0.2 mg/kg** Single maximum dose 10 mg. May be repeated once at 15 minutes. Total maximum dose 20 mg. CCP OAS Clinical Consultation and Advice Line consultation IM and approval required in all patients 13–15 years. ≥ 65 years – **5 mg** May be repeated once at 15 minutes. Total maximum dose 10 mg. 16 years to < 65 years - **10 mg** May be repeated once at 15 minutes. Total maximum dose 20 mg. 13-15 years - **0.1-0.2 mg/kg** Single maximum dose 10 mg. May be repeated once at 15 minutes. Total maximum dose 20 mg.

# Adult dosages [3,4]

## Acute behavioural disturbances (with a SAT Score $\geq$ 2) ACP2 IV OAS Clinical Consultation and Advice Line consultation and approval required in all patients ≥65 years **OR** 13-15 years. $\geq$ 65 years – 5 mg May be repeated once at 15 minutes. Total maximum dose 10 mg. 16 years to < 65 years - **10 mg** May be repeated once at 15 minutes. Total maximum dose 20 mg. 13-15 years - **0.1-0.2 mg/kg** Single maximum dose 10 mg. May be repeated once at 15 minutes. Total maximum dose 20 mg. IV OAS Clinical Consultation and Advice Line consultation CCP and approval required in all patients 13–15 years. ≥ 65 years – **5 mg** May be repeated once at 15 minutes. Total maximum dose 10 mg. 16 years to < 65 years - **10 mg** May be repeated once at 15 minutes. Total maximum dose 20 mg. 13 - 15 years - **0.1-0.2 mg/kg** Single maximum dose 10 mg. May be repeated once at 15 minutes. Total maximum dose 20 mg.



# **Paediatric dosages**

| Acute behavioural disturbances (with a SAT Score ≥ 2) |    |   |
|---|----|---|
| ACP <sup>2</sup>                                      | IM | QAS Clinical Consultation and Advice Line consultation and approval required in all situations.  8–12 years – <b>0.1–0.2 mg/kg</b> Single maximum dose 10 mg. May be repeated once at 15 minutes.  Total maximum dose 20 mg.  |
| ACP <sup>2</sup>                                      | IV | QAS Clinical Consultation and Advice Line consultation and approval required in all situations.  8–12 years – <b>0.1–0.2 mg/kg</b> Single maximum dose 10 mg.  May be repeated once at 15 minutes.  Total maximum dose 20 mg. |

# **Special notes**

- There is no significant difference in the onset of effect following IM or IV injection.
- Numerous studies have shown no evidence of increased QT prolongation risk following droperidol administration in doses routinely used for patients with ABD.<sup>[2]</sup>
- All parenteral medications must be prepared in an aseptic manner. The rubber stopper of all vials must be disinfected with a 2% Chlorhexidine/70% Isopropyl Alcohol swab and allowed to dry prior to piercing.
- Under **no** circumstances is an IV cannula to be inserted for the sole purpose of droperidol administration. IV droperidol administration is only to occur when an IV cannula is already insitu.