

IV Midazolam for Procedural Sedation

Document

Prior to administration

Baseline set of vital signs (HR, RR, BP, SpO₂) and sedation score prior to administration

During sedation period & post procedure

5 minutely vital signs (HR, RR, BP, SpO₂) and sedation score if sedation score equal to or less than 2 until patient returns to baseline

Draw up

0.15mg/kg (max of 7.5mg) of midazolam diluted to 10mls with 0.9% normal saline

Bolus

Give 0.6 - 1.2mls (0.01 - 0.02mg/kg) every 2 - 3 minutes until adequate level of sedation achieved. Do not exceed 0.15mg/kg (max 7.5mg) in total

Possible side effects

- ▶ cardiorespiratory depression
- ▶ emergence delirium
- ▶ paradoxical excitement

Reversal agent

Flumazenil.

Give 5mcg/kg every 60 seconds to a max total of 40mcg/kg. (Adults 300 - 600mcg.)

References

Procedural Sedation Guidelines (2006). Hospital Clinical Guidelines, The Royal Children's Hospital Melbourne

RCH Paediatric Pharmacopea (2003) 13th ED, The Royal Children's Hospital Melbourne

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