

Propofol Sedation

In the Emergency Department



Procedural Sedation in the Emergency Department (ED)



Choice of medication

Preference for sedative agents with rapid onset and short recovery time, such as propofol¹

Safe practice guidelines

Evidence-based recommendations for the use of propofol for ED procedural sedation updated in 2018 by the **American College of Emergency Physicians (ACEP)**²

Propofol

A valuable choice for ED procedural sedation



- Indicated for sedation in adults, adolescents, and children >1 month³
 - Sedative and amnestic properties⁴
 - Rapid onset and easily titratable to desired level of sedation⁵
 - Clinically relevant faster recovery and quicker ED discharge compared to midazolam^{1,6-9}
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- **Recommended by the ACEP** as safe to be administered to children and adults for procedural sedation and analgesia in the ED¹⁰



Propofol MCT/LCT

Fresenius Kabi offers different Propofol containers suitable for all ED procedural sedation needs

20 ml
Ampoules



20 ml
Vials



2% 50 ml
Vials



References

1. Lameijer H, Sikkema YT, Pol A et al. Propofol versus midazolam for procedural sedation in the emergency department: A study on efficacy and safety. *Am J Emerg Med* 2017; 35(5): 692-696 **2.** Miller KA, Andolfatto G, Miner JR et al. Clinical Practice Guideline for Emergency Department Procedural Sedation With Propofol: 2018 Update. *Ann Emerg Med* 2019; 73(5): 470-480 **3.** SmPC Propofol 1%/2% MCT Fresenius emulsion for injection or infusion, 2018 **4.** Sahinovic MM, Struys MMRF, Absalom AR. Clinical Pharmacokinetics and Pharmacodynamics of Propofol. *Clin Pharmacokinet* 2018; 57: 1539-1558 **5.** Cortínez LI. What is the k_{e0} and what does it tell me about propofol? *Anaesthesia* 2014; 69(5): 399-402 **6.** Dunn MJ, Mitchell R, DeSouza CI et al. Recovery from sedation with remifentanyl and propofol, compared with morphine and midazolam, for reduction in anterior shoulder dislocation. *Emerg Med J* 2011; 28(1): 6-10 **7.** Hatamabadi HR, Arhami Dolatabadi A, Derakhshanfar H et al. Propofol Versus Midazolam for Procedural Sedation of Anterior Shoulder Dislocation in Emergency Department: A Randomized Clinical Trial. *Trauma Mon* 2015; 20(2): e13530 **8.** Rahman NH, Hashim A. The use of propofol for procedural sedation and analgesia in the emergency department: a comparison with midazolam. *Emerg Med J* 2011; 28(10): 861-865 **9.** Chawla N, Boateng A, Deshpande R. Procedural sedation in the ICU and emergency department. *Curr Opin Anaesthesiol* 2017; 30(4): 507-512 **10.** Godwin SA, Burton JH, Gerardo CJ et al. Clinical policy: procedural sedation and analgesia in the emergency department [published correction appears in *Ann Emerg Med* 2017 Nov; 70(5): 758]. *Ann Emerg Med* 2014; 63(2): 247-58.e18



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