



RESOLUTION: # S'18-2

SUBMITTED BY: RJ Sontag, MD and Sushant Kapoor, MD

SUBJECT: Procedural Sedation

1 **Whereas** extensive medical research has established procedural sedation as performed by emergency physicians to be
2 safe, effective, and associated with high patient satisfaction in adult and pediatric patients; and
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4 **Whereas** The Model of the Clinical Practice of Emergency Medicine, the document which delineates the specific
5 medical knowledge and procedural skills that define the unique skill set of an emergency physician that differentiates
6 us from other specialties and serves as the basis for residency training and board certification in Emergency Medicine
7 requires competency in the administration of procedural sedation, airway management, and pharmacotherapy; and
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9 **Whereas** The Accreditation Council for Graduate Medical Education (ACGME) Emergency Medicine Residency
10 Review Committee requires that all graduates of emergency medicine residency training programs complete a
11 minimum number of supervised procedural sedations; and
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13 **Whereas** the American Society of Anesthesiologists (ASA) released guidelines in March 2018 “intended for use by
14 all providers who perform moderate procedural sedation” that attempt to define the scope of practice of emergency
15 physicians and arbitrarily categorize medications such as propofol, ketamine, and etomidate as “medications intended
16 for general anesthesia”; and
17

18 **Whereas** the American College of Emergency Physicians, the authoritative body for the establishment of guidelines
19 for the sedation of patients in the emergency department, believes that graduates of accredited emergency medicine
20 residency programs have received the training and skills necessary to safely provide procedural sedation, and should
21 be credentialed to perform procedural sedation without additional requirements;
22

23 Therefore, be it
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25 **RESOLVED** that EMRA believes

- 26 • that graduates of accredited emergency medicine residency programs possess the medical knowledge and
27 procedural skills necessary to safely administer procedural sedation, without the need for additional
28 credentialing requirements
- 29 • that graduates of accredited emergency medicine residency programs should have the ability to choose among
30 the full breadth of pharmacologic agents available for procedural sedation, including but not limited to
31 opioids, benzodiazepines, barbiturates, ketamine, propofol, dexmedetomidine, etomidate, and nitrous oxide
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33 **References**
34

35 Accreditation Council for Graduate Medical Education, Review Committee for Emergency Medicine. Emergency
36 Medicine Defined Key Index Procedure Minimums. Published November 2017. Accessed March 8, 2018.
37 https://www.acgme.org/Portals/0/PFAssets/ProgramResources/EM_Key_Index_Procedure_Minimums_103117.pdf?v

38 er=2017-11-10-130003-693
39
40 American College of Emergency Physicians. Procedural Sedation in the Emergency Department. Published June
41 2017. Accessed March 8, 2018. [https://www.acep.org/Clinical---Practice-Management/Procedural-Sedation-in-the-](https://www.acep.org/Clinical---Practice-Management/Procedural-Sedation-in-the-Emergency-Department/#sm.0001vtimmvzx7f5wsf914yzyz0q16)
42 [Emergency-Department/#sm.0001vtimmvzx7f5wsf914yzyz0q16](https://www.acep.org/Clinical---Practice-Management/Procedural-Sedation-in-the-Emergency-Department/#sm.0001vtimmvzx7f5wsf914yzyz0q16)
43
44 American Society of Anesthesiologists. Practice guidelines for moderate procedural sedation and analgesia 2018.
45 *Anesthesiology*. 2018; <http://doi.org/10.1097/ALN.0000000000002043>.
46
47 Bellolio MF, Gilani WI, Barrionuevo P, et al. Incidence of Adverse Events in Adults Undergoing Procedural Sedation
48 in the Emergency Department: A Systematic Review and Meta-analysis. *Carpenter C, ed. Academic Emergency*
49 *Medicine*. 2016;23(2):119-134. doi:10.1111/acem.12875.
50
51 Burton, J. H., Miner, J. R., Shipley, E. R., Strout, T. D., Becker, C. and Thode, H. C. (2006), Propofol for Emergency
52 Department Procedural Sedation and Analgesia: A Tale of Three Centers. *Academic Emergency Medicine*, 13: 24–30.
53 doi:10.1197/j.aem.2005.08.011
54
55 Counselman FL, Babu K, Edens MA, Gorgas DL, Hobgood C, Marco CA, Katz E, Rodgers K, Stallings LA, Wadman
56 MC, for the 2016 EM Model Review Task Force; Beeson MS, Keehbauch JN, for the American Board of Emergency
57 Medicine. The 2016 model of the clinical practice of emergency medicine. *J Emerg Med* 2017 March 25;pii: S0736-
58 4679(17)30108-7. doi: 10.1016/j.jemermed.2017.01.040.
59
60 Dunn T, Mossop D, Newton A, Gammon A. Propofol for procedural sedation in the emergency department.
61 *Emergency Medicine Journal : EMJ*. 2007;24(7):459-461. doi:10.1136/emj.2007.046714.
62
63 Miner, J. R., Gray, R. O., Bahr, J., Patel, R. and McGill, J. W. (2010), Randomized Clinical Trial of Propofol Versus
64 Ketamine for Procedural Sedation in the Emergency Department. *Academic Emergency Medicine*, 17: 604–611.
65 doi:10.1111/j.1553-2712.2010.00776.x
66
67 Pitetti RD, Singh S, Pierce MC. Safe and Efficacious Use of Procedural Sedation and Analgesia by
68 Nonanesthesiologists in a Pediatric Emergency Department. *Arch Pediatr Adolesc Med*. 2003;157(11):1090–1096.
69 doi:10.1001/archpedi.157.11.1090
70
71 Zed PJ1, Abu-Laban RB, Chan WW, Harrison DW. Efficacy, safety and patient satisfaction of propofol for
72 procedural sedation and analgesia in the emergency department: a prospective study. *CJEM*. 2007 Nov;9(6):421-7.
73
74 **EMRA Policy:** None
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76 **Financial Note:** None
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