




NORA Checklists and Timeouts

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Disclosures

- I have no actual or potential conflict of interest in relation to this presentation.
- My words are my own and do not represent the official views of the Veteran Health Administration or the United States government

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Learning Objectives

- Describe challenges associated with providing safe anesthesia care for NORA
- Discuss challenges with implementation of NORA timeout checklists
- Formulate a plan for implementing a timeout checklist at a NORA practice site

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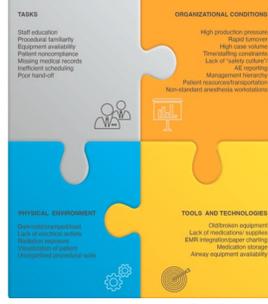



Figure 2. Characteristics of nonoperating room anesthesia settings that may contribute to adverse events

Tobin C, Bridges K. Curr Opin Anaesthesiol 2022, 35:502-507

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“Same Standard of Care as the Main Operating Room”

- Closed Claims analysis from 2006 to 2009
- NACOR database from 2010 to 2013

Metzner J, et al. Curr Opin Anaesthesiol. 2009 Aug;22(4):502-8. PMID: 19506473
 Woodward, et al. Anesthesiol Clin. 2017 Dec;35(4):569-581. PMID: 29101947.
 Chang B, et al. J Patient Saf. 2018 Mar;14(1):9-16. PMID: 29461406.
 Herman AD, et al. Br J Anaesth. 2021 Nov;127(5):729-744. PMID: 34452733.

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“Same Standard of Care as the Main Operating Room”

- Timeout checklists are inconsistently implemented in NORA
- Recent publications in GI, IR, EP, MRI



Herman AD, et al. Br J Anaesth. 2021 Nov;127(5):729-744. PMID: 34452733.

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- “In our observations of current ‘time out’ practice at a number of Victorian hospitals, the process is usually initiated and performed primarily by the nursing staff, with little regard to the readiness of the anaesthetist. Not uncommonly, the surgeon has minimal involvement and frequently the surgery has already started.”

Keane M., et al. Implementation of the World Health Organisation Surgical Safety Checklist: Implications for anaesthetists. *Anaesth Intensive Care*. 2010 Mar;38(2):397-8

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NORA Timeout Framework

- Patient
- Procedure
- Team
- Emergency Response Plan



Chang C, Dudley R. Time-out checklists promote safety in NORA. *APSF Newsletter* Oct 2021

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Successful Timeout Checklists...

- Improve Teamwork
- Improve Awareness
- Improve Patient Care
- Improve Patient Safety



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Thank you!



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