

Effects of night surgery on postoperative mortality and morbidity: a multicentre cohort study.

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Althoff FC, Wachtendorf LJ, Rostin P, et al. Effects of night surgery on postoperative mortality and morbidity: a multicentre cohort study. *BMJ Qual Saf.* 2020;30(8):678-688. doi:10.1136/bmjqs-2020-011684. <https://psnet.ahrq.gov/issue/effects-night-surgery-postoperative-mortality-and-morbidity-multicentre-cohort-study>

[Prior research](#) suggests that patients undergoing surgery at night are at greater risk for intraoperative adverse events. This retrospective cohort study including over 350,000 adult patients undergoing non-cardiac surgery found that night surgery was associated with an increased risk of postoperative mortality and morbidity. The effect was mediated by potentially preventable factors, including higher blood transfusion rates and more frequent [provider handovers](#).