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TOP 10 QUALITY INDICATORS SELECTED BY BELGIAN ANESTHESIOLOGISTS

Tom Vansteenkiste^{1,3}, Walter Swinnen¹, Bart Van Damme¹, Marc Vande Velde²

¹ MD | Department of Anesthesiology & Intensive Care | az Sint-Blasius | Dendermonde | Belgium

² MD, PhD | Department of Anesthesiology | University Hospitals Catholic University Leuven | Leuven | Belgium

³ MD | Department of Anesthesiology | University Hospital Ghent | Ghent | Belgium

BACKGROUND & GOAL

Quality and patient safety (QPS) is becoming increasingly important in the organization of healthcare.

In Belgium, there is very little experience with quality indicators (QI) for Anesthesia.

There is also no national standard for measuring quality in anesthesia, nor for benchmarking between hospitals.

GOAL:

To explore opinions on the collection and use of QI for Anesthesia.

METHODS & MATERIALS

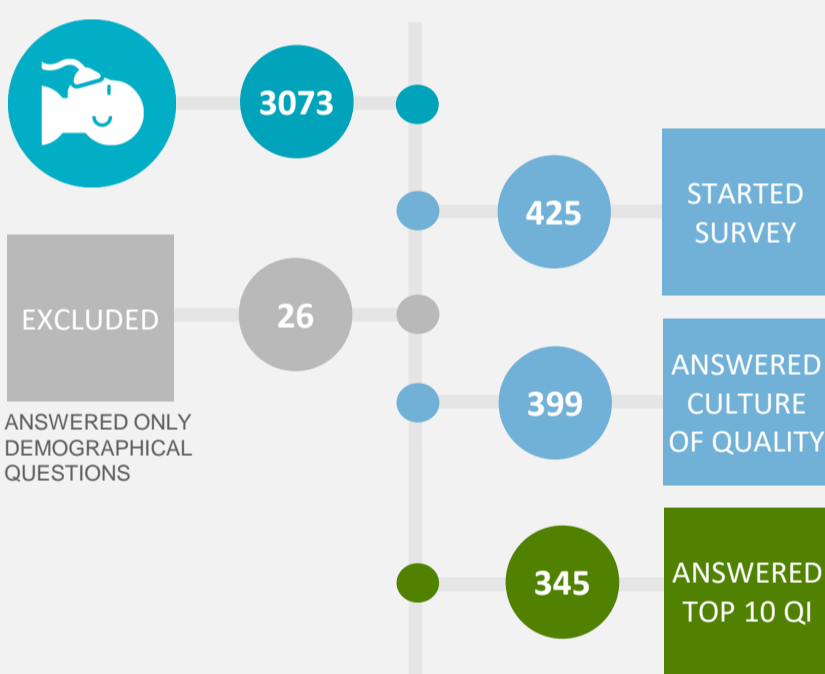


Opinions about the importance of 31 QI.

All data were acquired anonymously.

The study was approved (n° B012201835189) by the Committee for Medical Ethics of az Sint-Blasius.

RESULTS & DISCUSSION

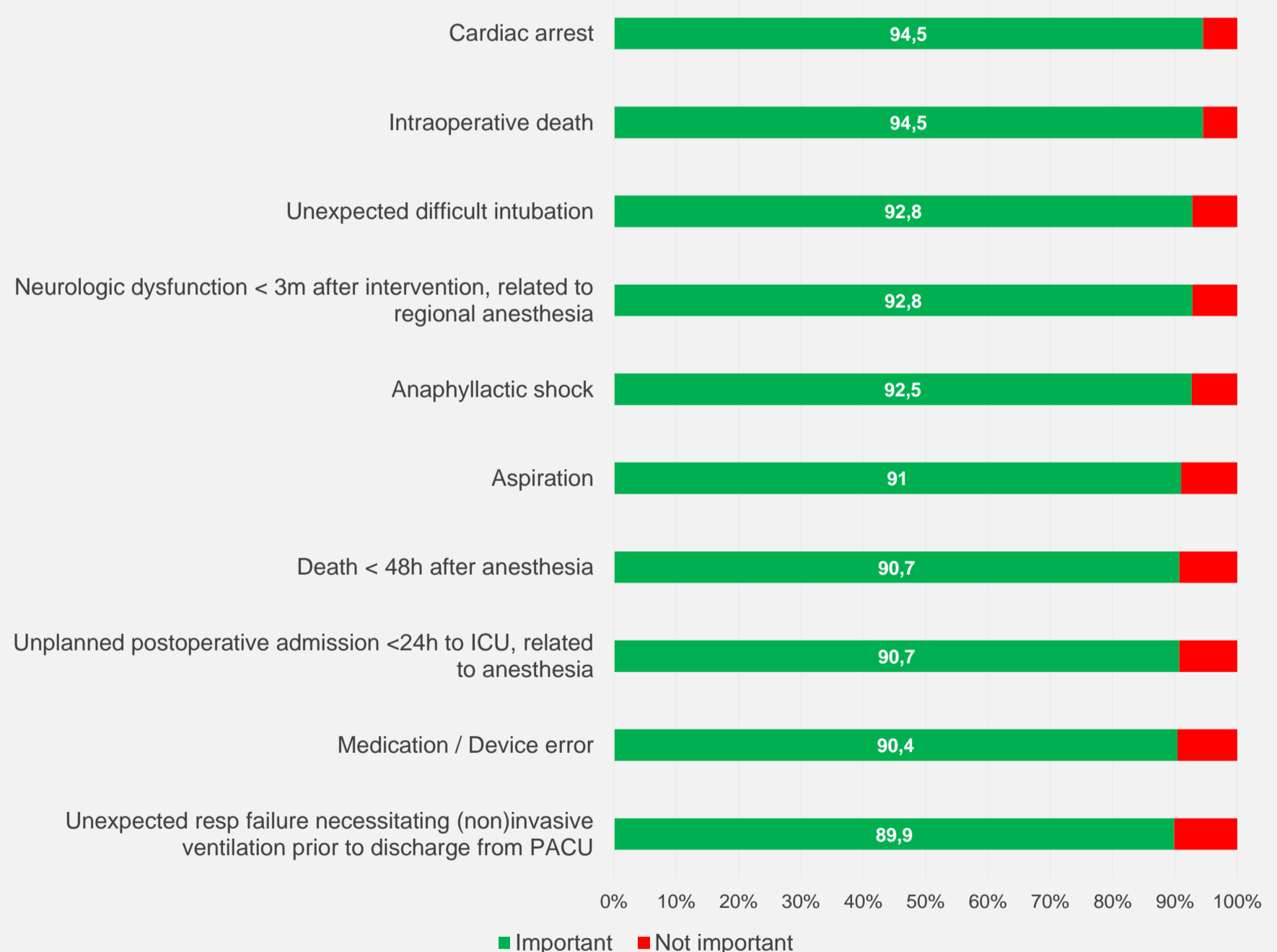


Other QI for Anesthesia (not selected):

Importance 89-50%, in decreasing order:
Malignant hyperthermia
Impossible mask ventilation
Severe pain (NRS > 7) in PACU
Unplanned admission after day-stay surgery, related to anesthesia
Prolonged neuromuscular blockade
Accidental dural puncture
Dental damage
PONV requiring treatment in PACU
Absence of pre-anesthesia assessment
Failed regional anesthesia, with conversion to general anesthesia
Emergency C-section, with conversion from regional to general anesthesia
Elective C-section, with conversion from regional to general anesthesia

Importance < 50%, in decreasing order:
Death during hospital stay
Emergency C-section with general anesthesia
Hypothermia <36°C (96.8°F) upon arrival in PACU
Unplanned pre/perioperative discontinuation of beta blockers
Unplanned PACU-stay > 2h
Elective C-section with general anesthesia
Non-emergency bleeding, where Hb is measured prior to RBC-transfusion
Death within 30d
Death after hospital discharge

Top 10 QI for Anesthesia



CONCLUSIONS

There is a broad consensus among Belgian anesthesiologists on the top 10 QI for Anesthesia. This top 10 will be presented to the anesthesia departments and professional associations.

Furthermore, these results could be used to establish a national standard for QI in Belgium.

More research on this matter is needed to further implement QI as a way of developing and maintaining QPS in anesthesia.