

SUGAMMADEX FOR NEUROMUSCULAR BLOCKADE REVERSAL: A REVIEW OF ITS USE IN A GENERAL HOSPITAL CPC080

Background

Sugammadex is a newly developed agent indicated to reverse the neuromuscular blockade (NMB) induced by rocuronium or vecuronium during general anesthesia in surgical procedures. It can improve patient safety in specific cases in which commonly used reversal agents should not be employed.

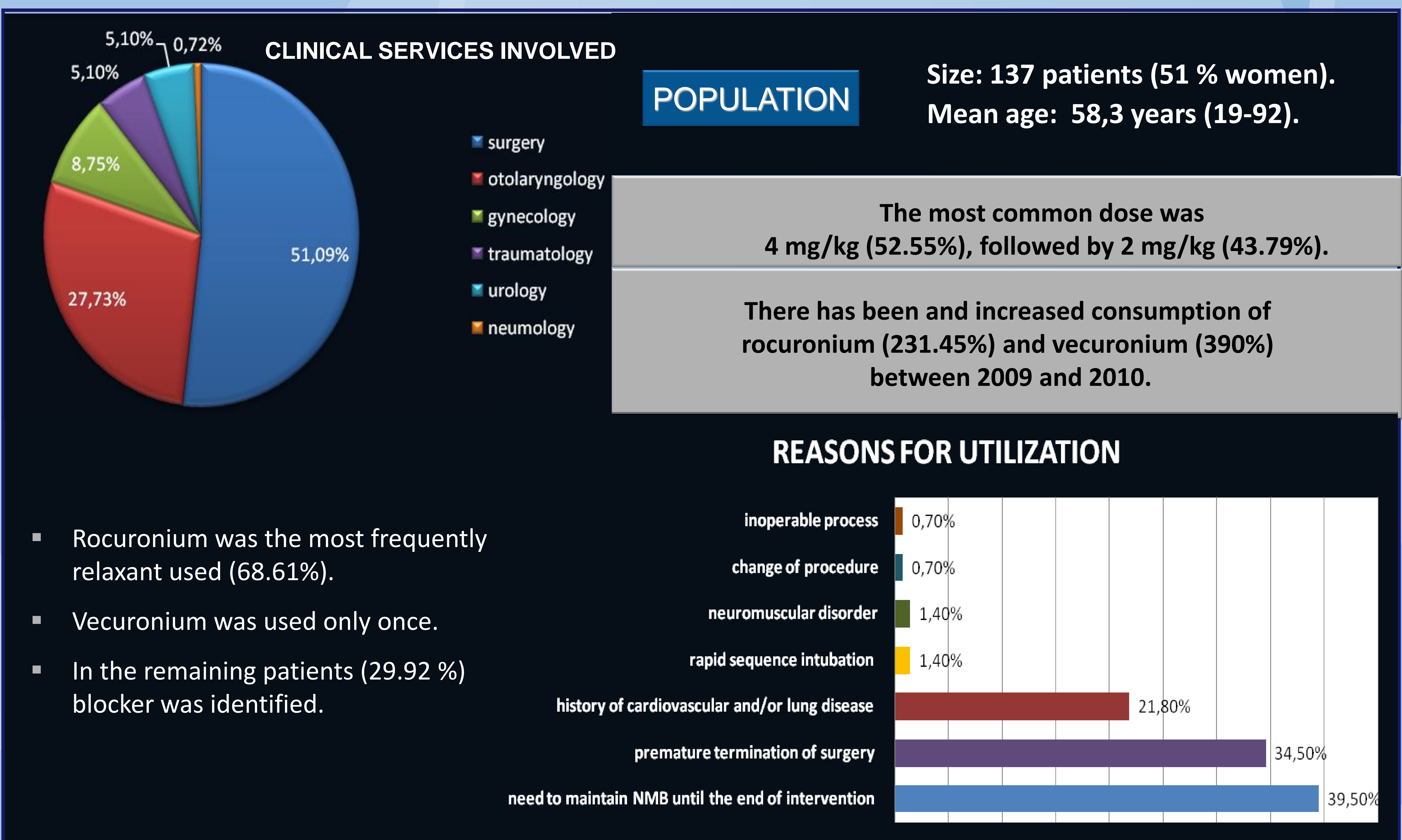
Purpose

- Evaluate the use of sugammadex for reversal of NMB in surgical patients.
- Analyze their impact on consumption of neuromuscular blocking agents.

Materials and Methods

We performed a retrospective study from February 2010 to April 2011, in which all patients using sugammadex were included. The variables studied were age, sex, indication, dosage, neuromuscular blocking agent used and surgical service to which the patient belonged. We also collected rocuronium and vecuronium consumption data of 2009 and 2010.

Results



Conclusions

- Sugammadex availability has generated an increased use of greater economic impact drugs like rocuronium and vecuronium. These results suggest an incorporation of the drug to the surgical routine replacing physiological reversal.

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