

Value based health care in birth care - the key to success?

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On behalf of the Santeon birth care team

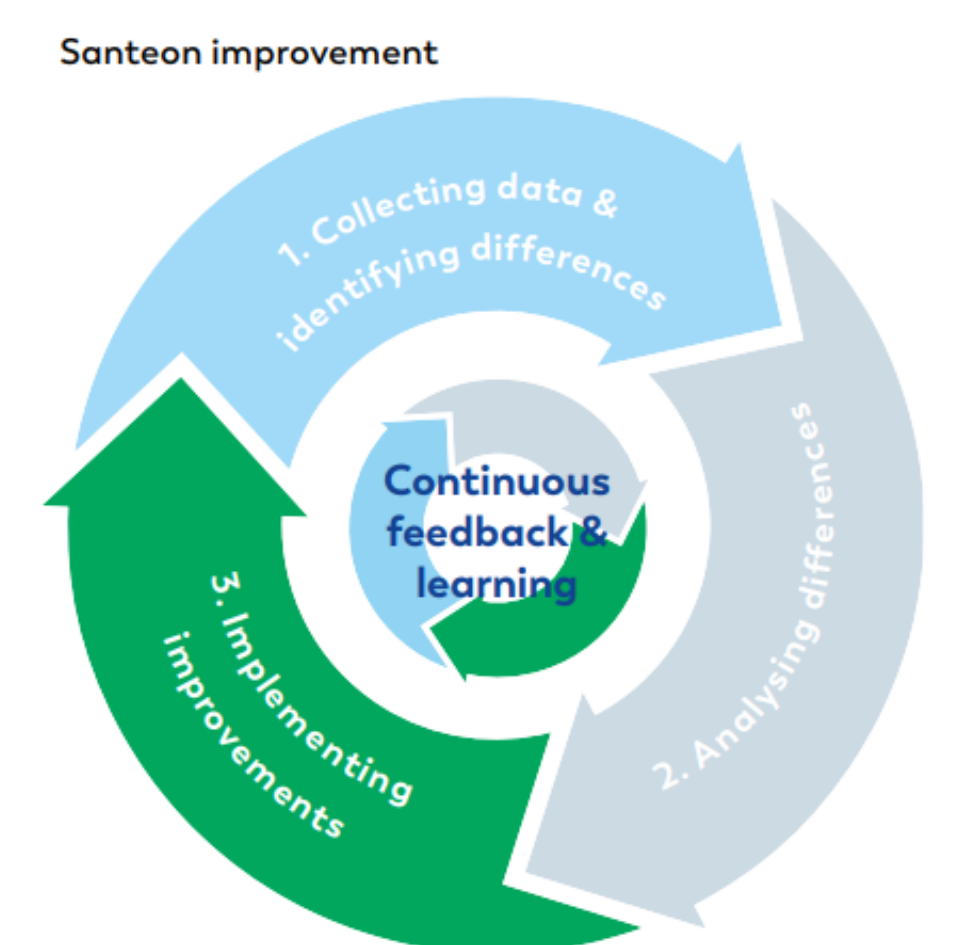
Background

Santeon is a collaboration of seven teaching hospitals in the Netherlands. Approximately 16.000 women give birth in a Santeon hospital each year ($\pm 10\%$ of all births in the Netherlands).



Methods

- Santeon Hospitals
- Women who gave birth in hospital with a gestational age of >32 weeks from 2018 – 2022
- Collection of data and identifying differences every six month.
- Implementing improvement initiatives

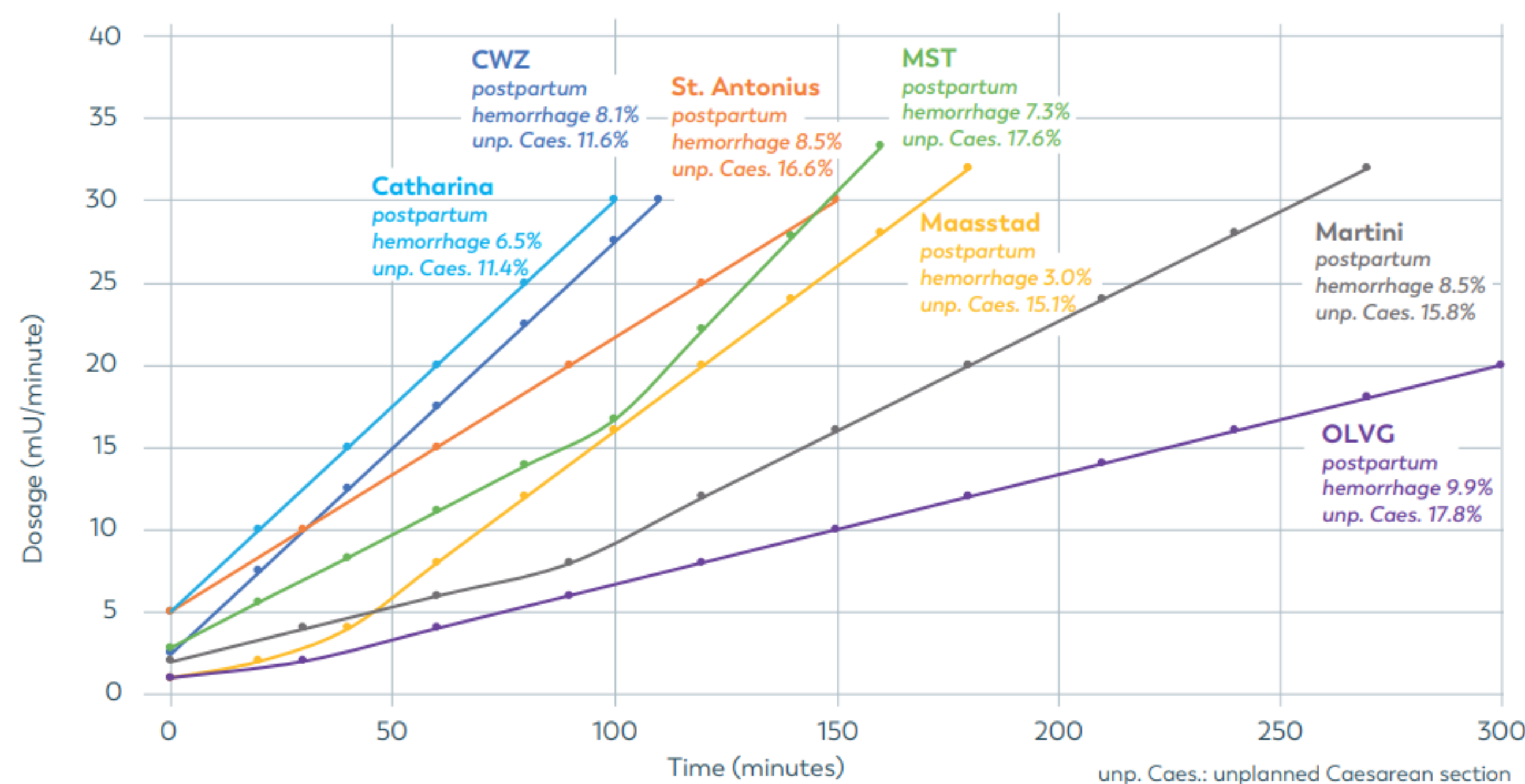


Results

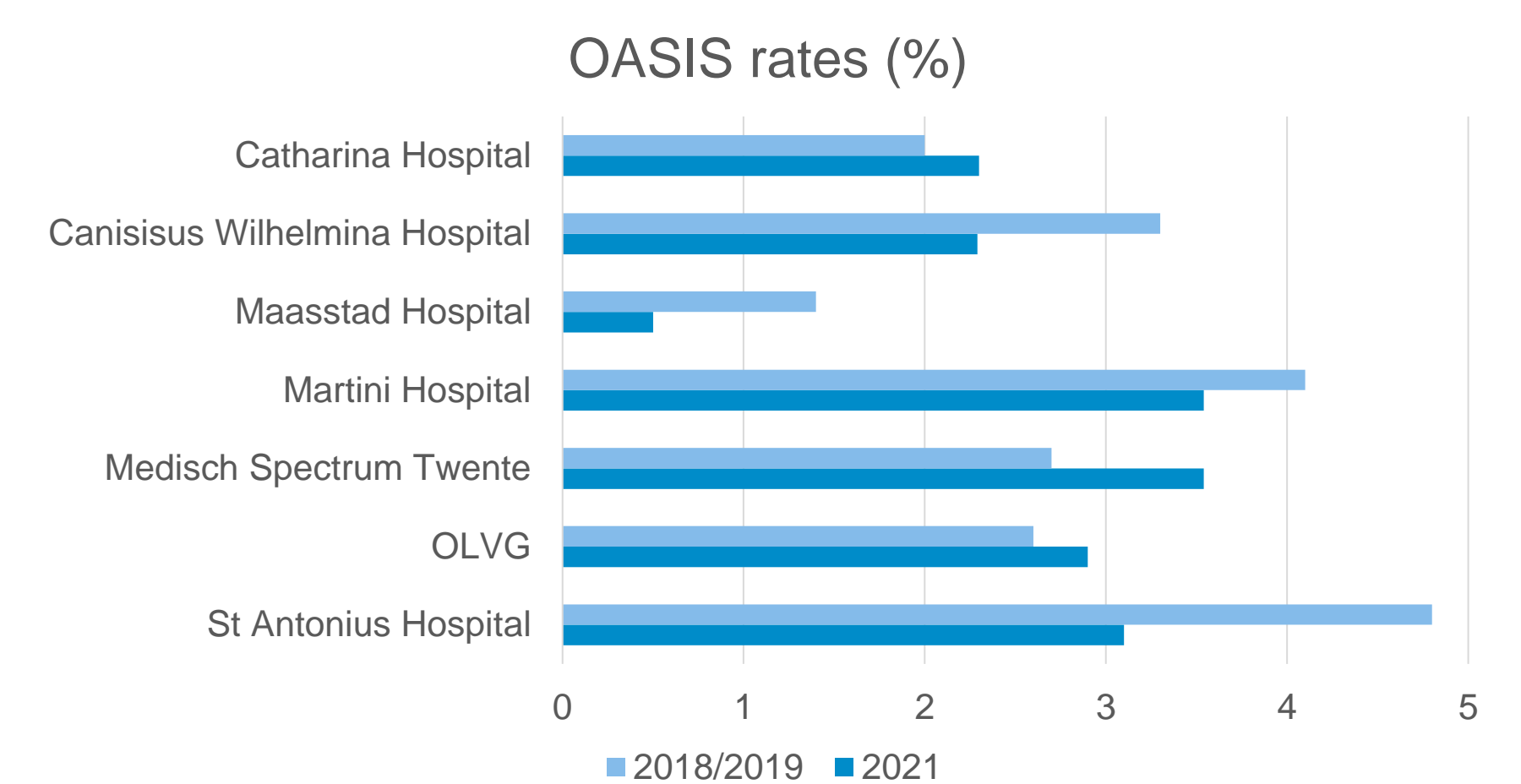
- Comparing outcomes shows how different oxytocin augmentation regimen can hugely impact adverse events

Oxytocin augmentation regimen with postpartum hemorrhage and unplanned caesarean section rates in NTSV deliveries

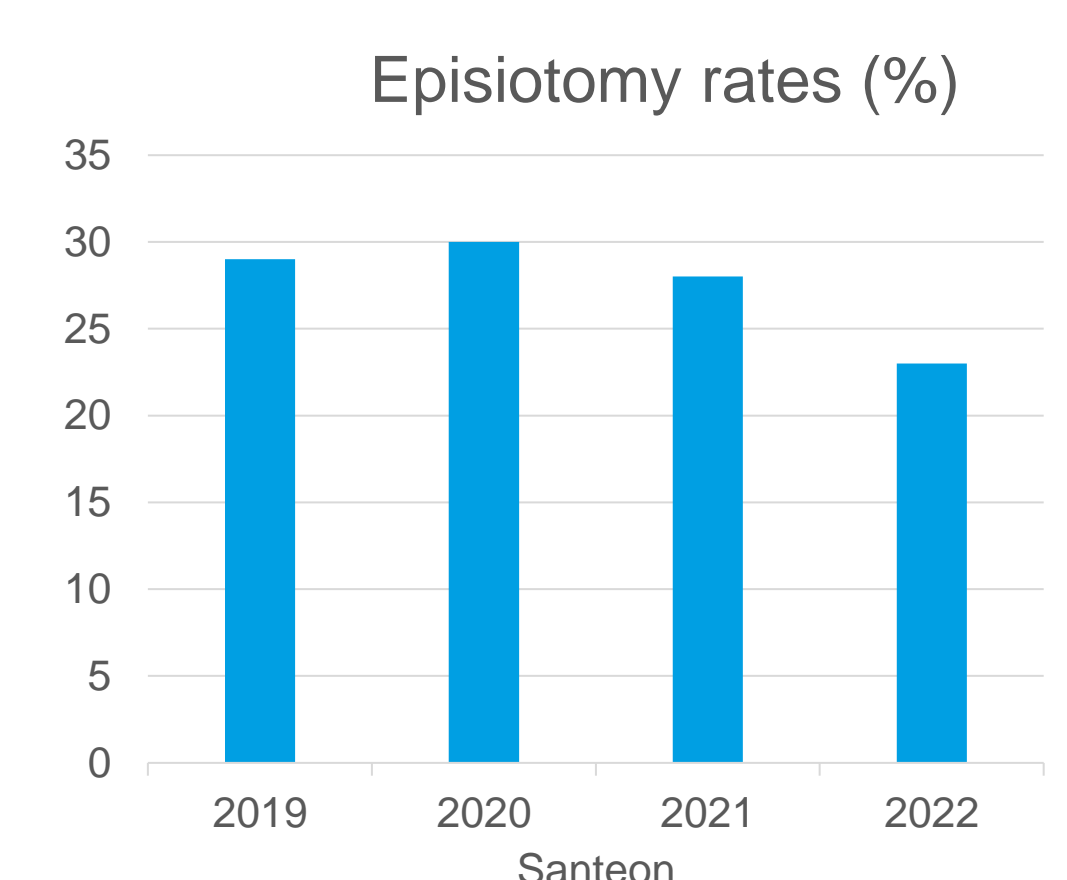
As used in Santeon hospitals in early 2020



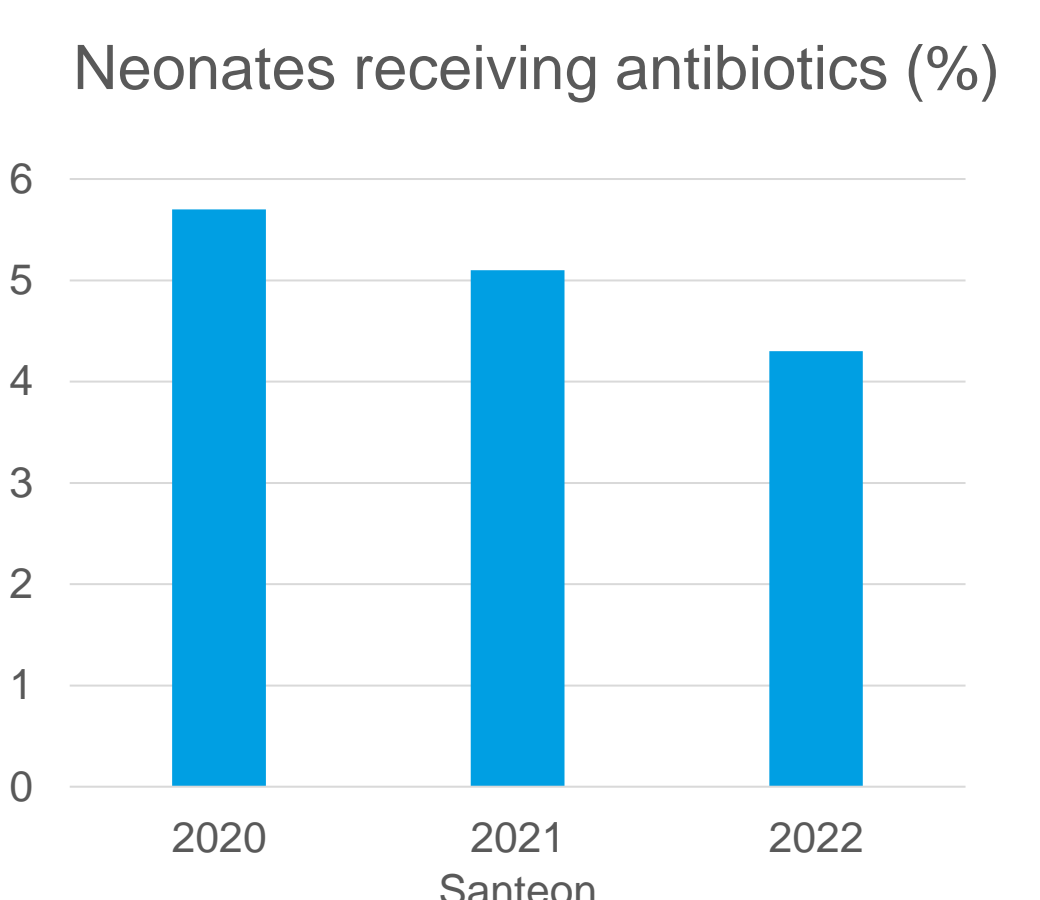
- Effect of training in "hands-on" delivery of all hospitals by best practice hospital on OASIS (Obstetric Anal Sphincter Injury) rates



- Exchange of best practices and joint optimization significantly reduced % episiotomy



- Implementing a sepsis calculator reduced the use of neonatal antibiotics



Conclusion

Comparing maternal and neonatal outcomes shows where best practices can be found and how improvements can be made.



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