

Pregnancy outcomes in women with a surgically short cervix with no history of preterm birth.

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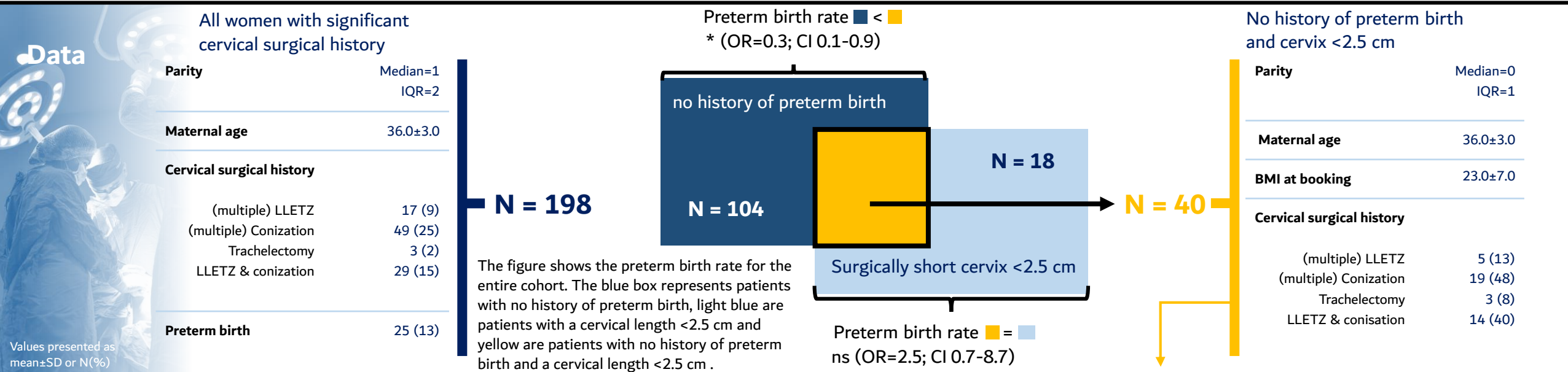


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Study design: Tertiary referral maternity hospital Retrospective cohort study September 2019 – March 2023 Patients at high risk of preterm birth



Treatment

- wait & watch 4 (10)
- Arabin pessary 11 (28)
- vaginal cerclage 2 (5)
- abdominal cerclage 18 (45)
- (+) vaginal progesterone 29 (73)

Delivery outcomes

- Preterm birth: 8 (20)
- mean gestational age (±SD) at delivery: 37.0±3.0 weeks
- Neonatal intensive care unit required: 5 (13)

Conclusion

- Preterm birth rate in women with a cervical length <2.5 cm with or without a history of preterm birth is not significantly different.
- Women without a history of preterm birth, had a significantly higher preterm birth rate if the cervical length is <2.5 cm.
- Women with a cervical length <2.5 cm without a history of preterm birth had a significantly higher preterm birth rate than all women with a significant cervical surgical history in our unit.