

## Newborns of Mothers with Graves' Disease – survey of 14 years

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#### INTRODUCTION AND OBJECTIVES

# Graves` Disease (GD) is the most common cause of hyperthyroidism in fertile woman and can cause fetal and neonatal

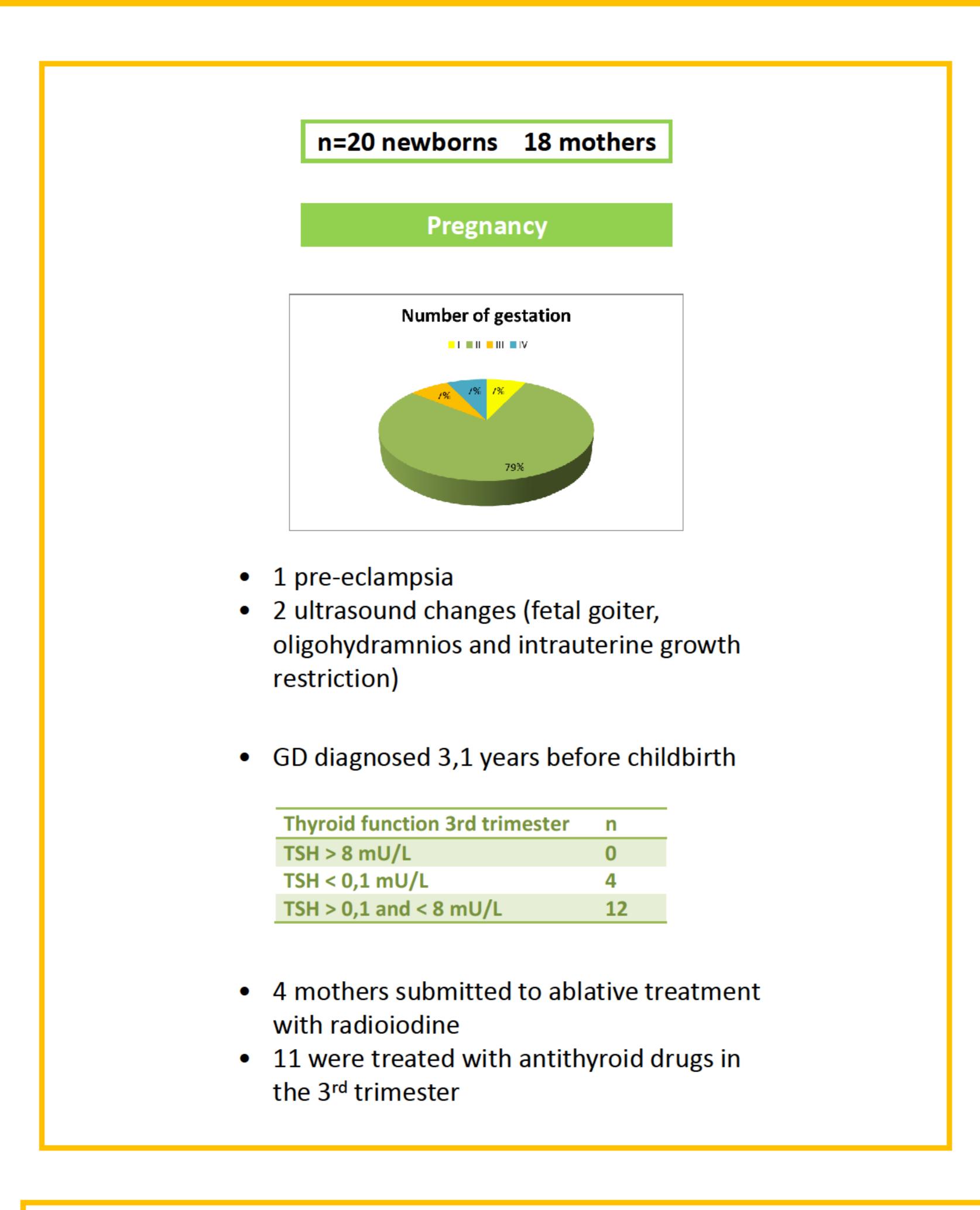
transfer of maternal thyrotropin receptor antibodies (TRAb). The main objective of this study was to characterize the neonates born to women with GD followed in our unit.

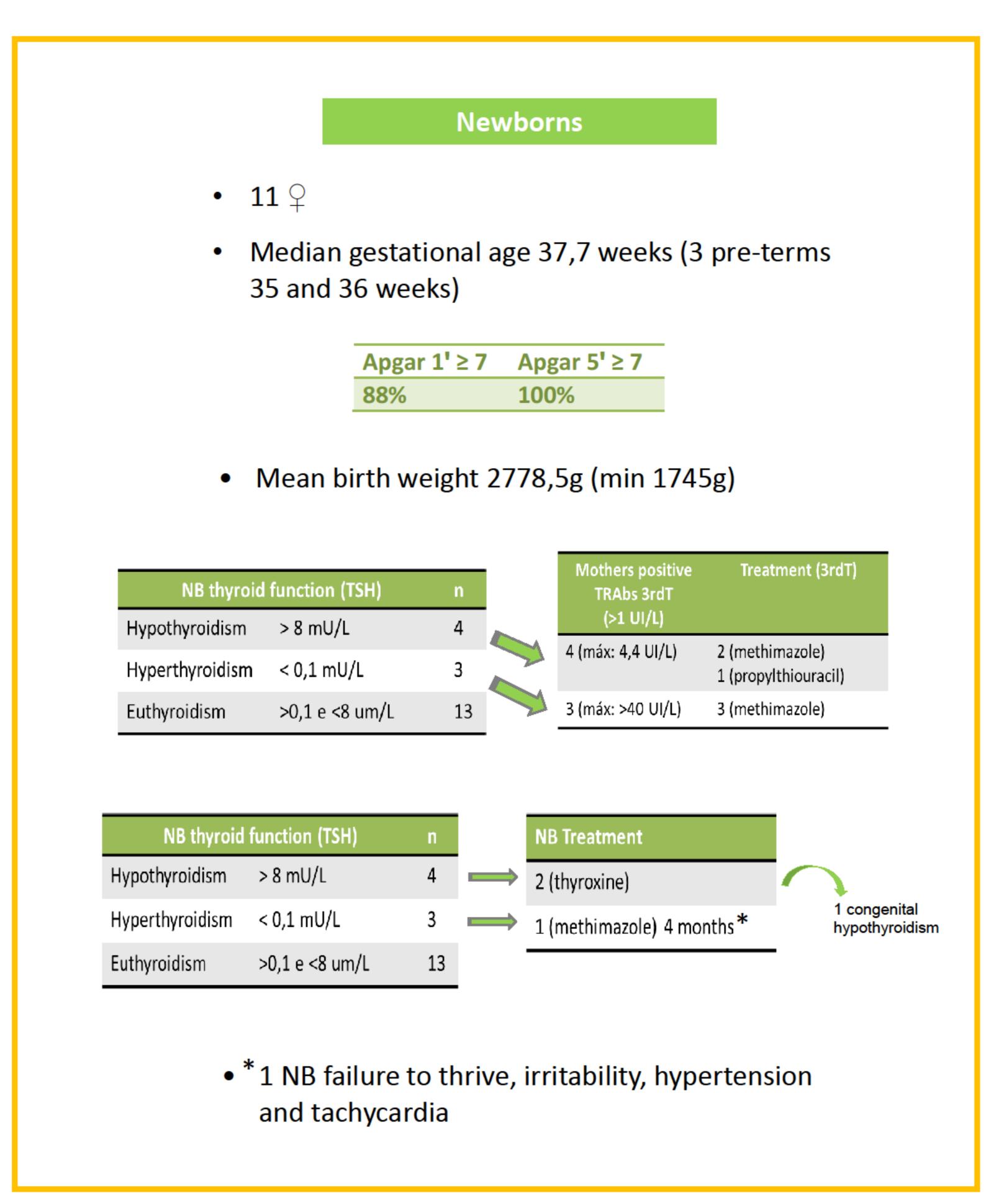
hyper or hypothyroidism. It is associated with transplacental

#### **METHODS**

A retrospective chart review was done of neonates born to mothers with GD in the last 14 years. The parameters analyzed were: maternal thyroid function and treatment during or before pregnancy, sex, gestational age, birth weight, newborn thyroid function and treatment.

### RESULTS AND CONCLUSIONS





There was an elevated number of newborns of GD mothers with abnormal thyroid function, mostly in uncontrolled mothers during pregnancy (all with elevated TRAb). We recommend an optimal follow up of these mothers and the establishment an adequate management protocol for the neonates.

#### REFERENCES

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Thyroid



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