All live NB in Botucatu, 2004 to 2008 (n=8442)

- All low weight NB in the period (n=860) (Case group)
- Randomized sample of non-low weight NB (n=860) (Control group)

1720 NB and pregnant women

Data Survey from LBC – SINASC + MIS (deaths)

Based on the mother’s name of NB – N° and place of enrollment at SUS

1720 found and analyzed

Prenatal data survey of records in medical files from BHU-FHU – CH Units

With no enrollment in services – 208 (12.1%)

1512: searched medical charts

Medical charts not found (loss) - 86 (5%)
Medical charts with no records of visits – 377 (21.9%)
Medical charts with records of visits - 1049 (61%)

Group (LBW)
Birth weight < 2500g (n=860)

Group
Birth weight ≥2500g (n=860)

1049
Medical chart records of prenatal follow-up. Variables: gestational age at the beginning of it, initial weight and height, number of PN visits, number of medical visits and nursing visits, performed and/or requested exams (laboratorial, cervical colpocitology, clinical breast examination), maternal previous and/or gestational diseases, smoking habit, weight gain and maternal BMI classification.

Group (LBW)
Birth weight < 2500g
n= 511

Group
Birthweight ≥2500g
n =538