



Grace Lalana Christopher  
Grace Specialist Clinic, India

**Background:** Understanding the effect of biological factors on birth weight of newborns has public health importance because these indicators are associated with infants' health and survival and influence development and health in later life.

**Aim:** This is a retrospective study. The study was undertaken to determine the birth weight and gestational age characteristics in South Indian babies and correlated to biological factors.

**Materials & Methods:** A cohort of singleton live births, born from January 2015 to May 2017 was analysed to determine the mean birth weight and gestation and influence of various biological factors such as gender of baby, birth order, mother's age, obstetric complication such as PIH and Diabetes etc.

**Results:** Among a total of 2789 singleton live births, the mean birth weight was

Notes: