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Dental Management In Children With Low Birth Weight

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ABSTRACT

Teeth development in children is correlated with the whole body growth and development. This might be influenced by the interaction of genetical and environmental factors. Bad environmental interaction might result in Low Birth Weight (LBW) neonates that would affect their dental growth and development. A Low Birth Weight neonate is a neonate born with birth weight less than 2500 grams, or less than the 10th percentile of Lubchenko growth curve. About 70% of the LBW are Small for Gestational Age (SGA). LBW might be caused by characteristic maternal factors: infectious disease during pregnancy, alcoholic smoking habit, and the child’s factors: twins, chromosomal anomaly, and placental anomaly. The oral symptoms in LBW children are, enamel defect of deciduous teeth in the form of hypoplasia or hypocalcification, dilaceration, and delayed teeth eruption. The aim of this study was to decide comprehensive dental management in children with LBW. Dental management started with prenatal counseling, oral health management during pregnancy, infant oral health by using prediction score of severity Enamel defect of deciduous teeth based on birth weight, type of LBW, maternal illness during pregnancy and, socioeconomic status family. Prenatal counseling includes general health in pregnancy by an obstetrician, dental management during pregnancy, and postnatal oral health in child at the time of the first eruption of teeth, at age one year, and periodically oral examinations, every three months based. Prenatal counseling, good oral health in pregnant mothers and child need to be done to prevent the incidence of LBW and, as an early intervention against the child’s teeth eruption.

Keywords: Low Birth Weight, Small for Gestational Age, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia, Enamel Hypoplasia.