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REVIEW

Preterm Postnatal Follow-up

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To date, the growth curves constructed from weight and length at birth often used for monitoring premature babies assuming the premise that extrauterine growth should mimic intrauterine growth. However, this assumption often to overfeeding conditions, for the purpose of treating a putative restriction extrauterine growth. Such management, resulting in a diagnosis not always correct, can cause nutritional damage and future damage to the health of premature.

In this context, the Postnatal Preterm Follow-up Study of the INTERGROWTH - 21st Project (Study Tracking Postnatal Preterm the INTERGROWTH - 21st Project) proposes prescriptive patterns of growth for premature babies, from a longitudinal multicenter population-based study which Brazil participated.

This study, conducted between 2009 and 2014 , was recently released , and growth curves generated (weight, length and head circumference for gestational age) are available on The Fetal International and Newborn Growth Consortium website for the 21th Century - https://intergrowth21.tghn.org/. This website can also be found free digital tools for the application of growth benchmarks, including calculators of percentiles and Z scores, as well as all publications for the study, including the text here presented.

This paper presents the methods and results of the multicenter study. The authors recommend the use of these growth curves for premature infants until they are 64 weeks of gestational age based on the date of the last mother of menstruation. After this age the curves of the World Health Organization would already be appropriate .

The work is essential reading for pediatrician update. It is mandatory for residents of residency programs in pediatrics, since the study implies a shift of paradigm in the area.

BIBLIOGRAPHY

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