

GOMPERTZ GROWTH CURVES IN THE FOLLOW-UP OF CHILDREN WITH HIGH-RISK CONDITIONS

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- **ABSTRACT:** *This article explores the applicability of the Gompertz curve to describe the weight gain in high-risk children followed at a specialized clinic. The Gompertz model with random effects was effective in describing the weight gain of children considering a period of approximately 24 months. The results here obtained allowed to demonstrate the importance of the specialized clinic for the recovery of the weight of high-risk children.*
- **KEYWORDS:** *Non-linear regression; Gompertz curve; growth curves; children with high-risk conditions; biostatistics.*

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