



Developing the First Pragmatic Dose Conversion Between Long-Acting and Daily Growth Hormone in Prepubertal Children With Idiopathic Short Stature: A Joint Modeling Method Using Real-World Data in China

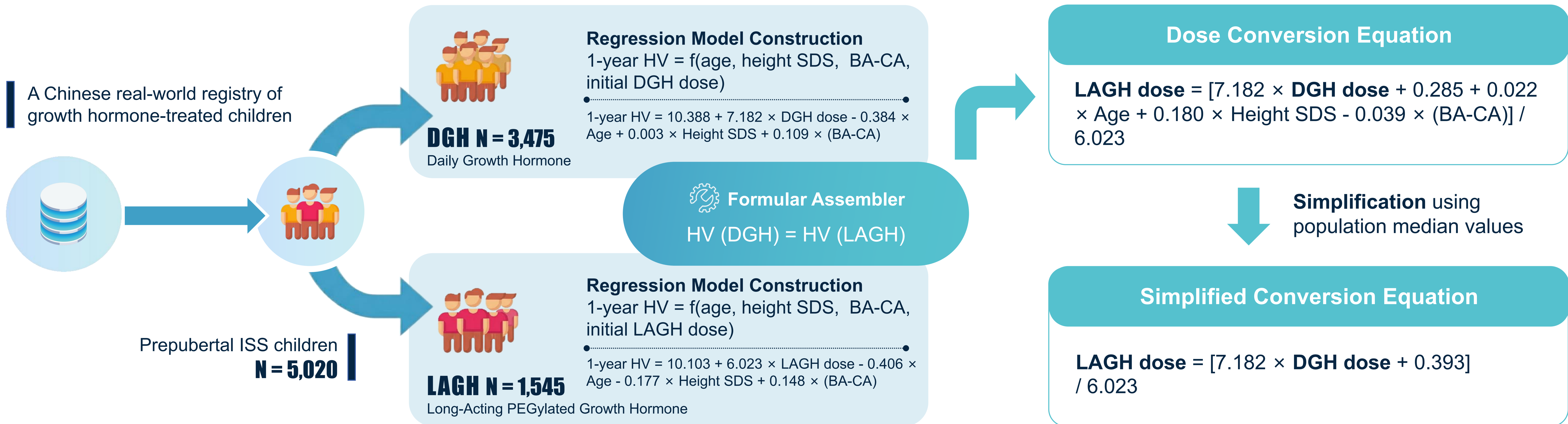
Authors: Xiaoping Luo, MD¹, Chunxiu Gong, MD².

¹ Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China

² Beijing Children's Hospital, Capital Medical University, National Center for Children's Health, Beijing, China.

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How to convert daily growth hormone (DGH) dose to long-acting growth hormone (LAGH) dose for prepubertal ISS children?



OBJECTIVES

To establish a clinically applicable dose conversion model between long-acting PEGylated growth hormone (LAGH) and daily growth hormone (DGH) for prepubertal children with idiopathic short stature (ISS).

CONCLUSIONS

This joint modeling method provides the first dose conversion model for LAGH and DGH in prepubertal ISS children using large-scale real-world data. The conversion equation accounts for key clinical variables and real-world dosing practices, and also offers a simplified practical tool for therapeutic efficacy.

Clinical Decision Tool

