

# Propranolol for hemangiomas doesn't impair infant growth

March 21 2016

---



(HealthDay)—For infantile hemangiomas, systemic propranolol appears

safe and does not impair physical growth, according to a study published online March 6 in the *Journal of Dermatology*.

Li Hu, from the Shanghai Jiao Tong University School of Medicine, and colleagues examined complications associated with systemic propranolol therapy for [infantile hemangiomas](#). Propranolol was given at 2 mg/kg per day. During therapy, abnormal symptoms and growth parameters were recorded; 76 patients with complete growth parameters were included in the study. Patients were followed at least through age 2 years.

The researchers identified minor complications of propranolol, including sleeping disorders, diarrhea, decrease in fasting glucose, bronchial hyperactivity, and hyperkalemia. During [therapy](#), four (5.26 percent) patients' growth curves dropped off more than 20 percentiles; after medication withdrawal half returned to normal. When medication was stopped, none of the [patients](#) suffered from underweight, wasting, or stunning.

"Systemic propranolol was proved to be a safe treatment for problematic infantile hemangiomas and did not affect the physical growth," the authors write.

**More information:** [Abstract](#)  
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Propranolol for hemangiomas doesn't impair infant growth (2016, March 21) retrieved 27 April 2024 from  
<https://medicalxpress.com/news/2016-03-propranolol-hemangiomas-doesnt-impair-infant.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.