

Title	Journal	Link	Publication date	References	Top Paper
Investigating the presence and detectability of structural peripheral arterial changes in children with well-regulated type 1 diabetes versus healthy controls using ultra-high frequency ultrasound: a single-centre cross-sectional and case-control study	eClinicalMedicine		2025	Ebba, Bergdahl, Gun, Forsander, Frida, Sundberg, Linda, Milkovic, Frida, Dangardt	No
The use of ultra-high frequency ultrasound in identifying aganglionosis in Hirschsprung's disease	Scientific Reports		2025	Tebin, Hawez, Maria, Evertsson, Tobias, Erlöv, Kristine, Hagelsteen, Louise, Tofft, Tomas, Jansson, Magnus, Cinthio, Christina, Granéli, Pernilla, Stenström	No
Ultra-high-frequency ultrasound (48–70 MHz) is a promising tool for improved gastrointestinal diagnostics in infants	Acta Paediatrica, International Journal of Paediatrics		2024	Ronni Bengtson, Jacobsen, Hanna, Hebelka, Vladimir, Gatzinsky, Anders, Elfvin, Frida, Dangardt	No
Vascular structure and stiffness in pediatric Mulibrey nanism using ultra-high frequency ultrasound	Veins and Lymphatics		2023	Taisto, Sarkola, Marita, Lipsanen-Nyman, Hannu, Jalanko, Eero, Jokinen	No
Use of Ultra-high-frequency Ultrasound for Aplasia Cutis Congenita of the Scalp	Plastic and Reconstructive Surgery - Global Open		2021	Ryo, Karakawa, Tomoyuki, Yano, Hidehiko, Yoshimatsu, Mayu, Koto, Atsushi, Nakao, Shunsuke, Ichi	No
Ultra high frequency ultrasonography to distinguish ganglionic from aganglionic bowel wall in Hirschsprung disease: A first report	Journal of Pediatric Surgery	https://linkinghub.elsevier.com/retrieve/pii/S0022346821001196	2021	Christina, Granéli, Tobias, Erlöv, Rodrigo Munoz, Mitev, Ioanna, Kasselaki, Kristine, Hagelsteen, David, Gisselsson, Tomas, Jansson, Magnus, Cinthio, Pernilla, Stenström	No
Maternal obesity and gestational diabetes: Impact on arterial wall layer thickness and stiffness in early childhood - RADIEL study six-year follow-up	Atherosclerosis	https://doi.org/10.1016/j.atherosclerosis.2019.01.037	2019	Johnny K.M., Sundholm, Linda, Litwin, Kristiina, Rönö, Saila B., Koivusalo, Johan G., Eriksson, Taisto, Sarkola	No

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Skin thickness measurements for optimal intradermal injections in children	Vaccine	https://doi.org/10.1016/j.vaccine.2019.11.002	2020	T.J.S., Van Mulder, D., Van Nuffel, M., Demolder, G., De Meyer, S., Moens, K.C.L., Beyers, V.V.J., Vankerckhoven, P., Van Damme, H., Theeten	No
Feasibility and precision of transcutaneous very-high resolution ultrasound for quantification of arterial structures in human neonates – Comparison with conventional high resolution vascular ultrasound imaging	Atherosclerosis	http://dx.doi.org/10.1016/j.atherosclerosis.2015.02.016	2015	Johnny K.M., Sundholm, Rasmus F.W., Olander, Tiina H., Ojala, Sture, Andersson, Taisto, Sarkola	No
Feasibility of very-high resolution ultrasound to assess elastic and muscular arterial wall morphology in adolescents attending an outpatient clinic for obesity and lipid abnormalities	Atherosclerosis	http://dx.doi.org/10.1016/j.atherosclerosis.2011.08.036	2011	Taisto, Sarkola, Arvin A, Abadilla, Nita, Chahal, Edgar, Jaeggi, Brian W., McCrindle	No
High-frequency micro-ultrasound for vascular access in young children--a feasibility study by the High-frequency UltraSound in Kids studY (HUSKY) group.	Paediatric anaesthesia	http://www.ncbi.nlm.nih.gov/pubmed/23445349	2013	Gregory J, Latham, Melissa L, Veneracion, Denise C, Joffe, Adrian T, Bosenberg, Sean H, Flack, Daniel K, Low	No