

Publication List Prof. Dr. med. Martin Lacher, March 2021

Original papers

1. Ginzel M, Martynov I, Haak R, **Lacher M**, Kluth D. Midgut development in rat embryos using microcomputed tomography. *Commun Biol.* 2021 Feb 12;4(1):190´
2. Morini F, Dreuning KMA, Janssen Lok MJH, Wester T, Derikx JPM, Friedmacher F, Miyake H, Zhu H, Pio L, **Lacher M**, Sgró S, Zani A, Eaton S, van Heurn LWE, Pierro A. Surgical Management of Pediatric Inguinal Hernia: A Systematic Review and Guideline from the European Pediatric Surgeons' Association Evidence and Guideline Committee. *Eur J Pediatr Surg.* 2021 Feb 10. doi: 10.1055/s-0040-1721420. Epub ahead of print. PMID: 33567466.
3. Willms AG, Oldhafer KJ, Conze S, Thasler WE, von Schassen C, Hauer T, Huber T, Germer CT, Günster S, Bulian DR, Hirche Z, Filser J, Stavrou GA, Reichert M, Malkomes P, Seyfried S, Ludwig T, Hillebrecht HC, Pantelis D, Brunner S, Rost W, Lock JF; **CAMIN Study Group**. Appendicitis during the COVID-19 lockdown: results of a multicenter analysis in Germany. *Langenbecks Arch Surg.* 2021 Mar;406(2):367-375. doi: 10.1007/s00423-021-02090-3. Epub 2021 Feb 7. PMID: 33550453; PMCID: PMC7867500.
4. Zimmermann P, Martynov I, Perger L, Scholz S, **Lacher M**. 20 Years of Single-Incision-Pediatric-Endoscopic-Surgery: A Survey on Opinion and Experience Among International Pediatric Endosurgery Group Members. *J Laparoendosc Adv Surg Tech A.* 2021 Mar;31(3):348-354. doi: 10.1089/lap.2020.0797. Epub 2020 Dec 31. PMID: 33395367.
5. Wagner R, Li H, Ayoub L, Kahnamoui S, Patel D, Stefanovici C, **Lacher M**, Keijzer R. Epithelial cell-adhesion protein cadherin 26 is dysregulated in congenital diaphragmatic hernia and congenital pulmonary airway malformation. *Pediatr Surg Int.* 2021 Jan;37(1):49-57. doi: 10.1007/s00383-020-04769-y. Epub 2020 Nov 8. PMID: 33161446.
6. Landgraf K, Klötting N, Gericke M, Maixner N, Guiu-Jurado E, Scholz M, Witte AV, Beyer F, Schwartze JT, **Lacher M**, Villringer A, Kovacs P, Rudich A, Blüher M, Kiess W, Körner A. The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPARG. *Cell Rep.* 2020 Oct 20;33(3):108295.
7. Midrio P, van Rooij IALM, Brisighelli G, Garcia A, Fanjul M, Broens P, Iacobelli BD, Giné C, Lisi G, Sloots CEJ, Fascetti Leon F, Morandi A, van der Steeg H, Giuliani S, Grasshoff-Derr S, **Lacher M**, de Blaauw I, Jenetzky E. Inter- and Intraobserver Variation in the Assessment of Preoperative Colostograms in Male Anorectal Malformations: An ARM-Net Consortium Survey. *Front Pediatr.* 2020 Sep 18;8:571.
8. Martynov I, Klink T, Slowik V, Stich R, Zimmermann P, Engel C, **Lacher M***, **Boehm R***. An exploratory randomized controlled trial comparing wood-composite and synthetic fibreglass splint systems for the immobilization of paediatric upper limb fractures. *Bone Joint J.* 2020 Oct;102-B(10):1405-1411 * **equal contribution**
9. Deffaa OJ, Gosemann JH, **Lacher M**, Wagner R. Increased Incidence of Functional Constipation in Children with a History of Perianal Abscess-A Single-Center Retrospective Cohort Study. *Eur J Pediatr Surg.* 2020 Sep 19.

10. Rieke JM, Zhang R, Braun D, Yilmaz Ö, Japp AS, Lopes FM, Pleschka M, Hilger AC, Schneider S, Newman WG, Beaman GM, Nordenskjöld A, Ebert AK, Promm M, Rösch WH, Stein R, Hirsch K, Schäfer FM, Schmiedeke E, Boemers TM, **Lacher M**, Kluth D, Gosemann JH, Anderberg M, Barker G, Holmdahl G, Läckgren G, Keene D, Cervellione RM, Giorgio E, Di Grazia M, Feitz WFJ, Marcelis CLM, Van Rooij IALM, Bökenkamp A, Beckers GMA, Keegan CE, Sharma A, Dakal TC, Wittler L, Grote P, Zwink N, Jenetzky E, Brusco A, Thiele H, Ludwig M, Schweizer U, Woolf AS, Odermatt B, Reutter H. SLC20A1 Is Involved in Urinary Tract and Urorectal Development. *Front Cell Dev Biol.* 2020 Aug 7;8:567.
11. Martynov I, Gosemann JH, Hofmann AD, Kuebler JF, Madadi-Sanjani O, Ure BM, **Lacher M**. Vacuum-assisted closure (VAC) prevents wound dehiscence following posterior sagittal anorectoplasty (PSARP): An exploratory case-control study. *J Pediatr Surg.* 2020 Jul 12:S0022-3468(20)30488-7.
12. Feng X, **Lacher M**, Quitmann J, Witt S, Witvliet MJ, Mayer S. Health-Related Quality of Life and Psychosocial Morbidity in Anorectal Malformation and Hirschsprung's Disease. *Eur J Pediatr Surg.* 2020 Jun 26. doi: 10.1055/s-0040-1713597.
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14. Ebert AK, Zwink N, Reutter HM, Jenetzky E, Stein R, Hölscher AC, **Lacher M**, Fortmann C, Obermayr F, Fisch M, Mortazawi K, Schmiedeke E, Promm M, Hirsch K, Schäfer FM, Rösch WH. Treatment Strategies and Outcome of the Exstrophy-Eispadias Complex in Germany: Data From the German CURE-Net. *Front Pediatr.* 2020 May 19;8:174.
15. Zhang R, Gehlen J, Kawalia A, Melissari MT, Dakal TC, Menon AM, Höfele J, Riedhammer K, Waffenschmidt L, Fabian J, Breuer K, Kalanithy J, Hilger AC, Sharma A, Hölscher A, Boemers TM, Pauly M, Leutner A, Fuchs J, Seitz G, Ludwikowski BM, Gomez B, Hubertus J, Heydweiller A, Kurz R, Leonhardt J, Kosch F, Holland-Cunz S, Münsterer O, Ure B, Schmiedeke E, Nesper J, Degenhardt P, Märzheuser S, Kleine K, Schäfer M, Szychalski N, Deffaa OJ, Gosemann JH, **Lacher M**, Heilmann-Heimbach S, Zwink N, Jenetzky E, Ludwig M, Grote P, Schumacher J, Thiele H, Reutter H. Human exome and mouse embryonic expression data implicate ZFX3, TRPS1, and CHD7 in human esophageal atresia. *PLoS One.* 2020 Jun 5;15(6):e0234246.
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22. Holler AS, Muensterer OJ, Martynov I, Gianicolo EA, **Lacher M**, Zimmermann P. Duodenal Atresia Repair Using a Miniature Stapler Compared to Laparoscopic Hand-Sewn and Open Technique. *J Laparoendosc Adv Surg Tech A*. 2019 May 31.
23. Wagner R, Ayoub L, Kahnamoui S, Li H, Patel D, Liu D, Del Bigio MR, Stefanovici C, **Lacher M**, Keijzer R. Establishment of a biobank for human lung issues of congenital diaphragmatic hernia and congenital pulmonary airway malformation. *J Pediatr Surg*. 2019 May 11.
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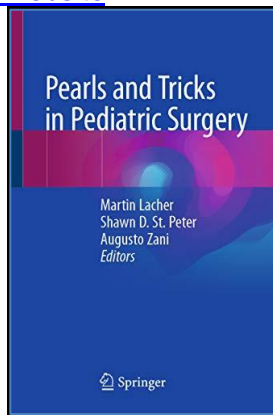
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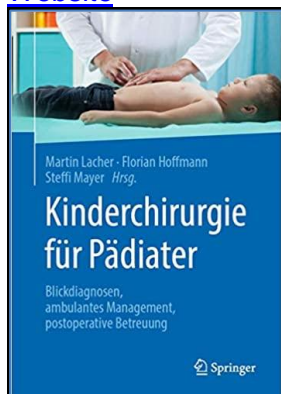
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