

## Originalarbeiten

Kolektomie und Ileumpouchanale Anastomose bei Patienten mit Jirasek-Zuelzer-Wilson Syndrom- Bedeutung für den Patienten

Wenskus J, Burmester G, Staude C, Krebs T, **Reinshagen K**

Monatszeitschrift für Kinderheilkunde. In Press

Fetoscopic techniques for prenatal covering of gastroschisis in an ovine model are technically demanding and do not lead to permanent anchoring on the fetus until the end of gestation.

Bergholz R, Krebs T, Cremieux B, Georgi C, Fromm F, Boettcher M, Andreas T, Tiemann B, Wenke K, **Reinshagen K**, Hecher K.

Surg Endosc. 2020 Feb 18. doi: 10.1007/s00464-020-07441-7. [Epub ahead of print]

Markers of NETosis Do Not Predict Neonatal Early Onset Sepsis: A Pilot Study.

Stiel CU, Ebenebe CU, Trochimiuk M, Pagarols Raluy L, Vincent D, Singer D, **Reinshagen K**, Boettcher M.

Front Pediatr. 2020 Jan 14;7:555.

Infantile Hepatic Hemangioma: Avoiding Unnecessary Invasive Procedures.

Ernst L, Grabhorn E, Brinkert F, **Reinshagen K**, Königs I, Trah J.

Pediatr Gastroenterol Hepatol Nutr. 2020 Jan;23(1):72-78. doi: 10.5223/pghn.2020.23.1.72.

Epub 2020 Jan 9.

Digestive enzyme expression in the large intestine of children with short bowel syndrome in a late stage of adaptation.

de Laffolie J, Sheridan D, **Reinshagen K**, Wessel L, Zimmermann C, Stricker S, Lerch MM, Weigel M, Hain T, Domann E, Rudloff S, Nichols BL, Naim HY, Zimmer KP.

FASEB J. 2020 Mar;34(3):3983-3995. doi: 10.1096/fj.201901758RR. Epub 2020 Jan 19.

Classical but Not Rap Music Significantly Improves Transferability and Long-Term Acquisition of Laparoscopic Suturing Skills: A Randomized Controlled Trial.

Mietzsch S, Bergholz R, Boettcher J, Klippgen L, Wenskus J, **Reinshagen K**, Boettcher M.

Eur J Pediatr Surg. 2020 Jan 7. doi: 10.1055/s-0039-3401798. [Epub ahead of print]

Lidocaine-Epinephrine-Tetracaine Gel Is More Efficient than Eutectic Mixture of Local Anesthetics and Mepivacaine Injection for Pain Control during Skin Repair in Children: A Prospective, Propensity Score Matched Two-Center Study.

Königs I, Wenskus J, Boettcher J, **Reinshagen K**, Boettcher M.

Eur J Pediatr Surg. 2019 Nov 18. doi: 10.1055/s-0039-3400283. [Epub ahead of print]

Evaluation of a new robotic-assisted laparoscopic surgical system for procedures in small cavities.

Bergholz R, Botden S, Verweij J, Tytgat S, Van Gemert W, Boettcher M, Ehlert H, **Reinshagen K**, Gidaro S.

J Robot Surg. 2020 Feb;14(1):191-197. doi: 10.1007/s11701-019-00961-y. Epub 2019 Apr 16.

NEC is likely a NETs dependent process and markers of NETosis are predictive of NEC in mice and humans.

Vincent D, Klinke M, Eschenburg G, Trochimiuk M, Appl B, Tiemann B, Bergholz R, **Reinshagen K**, Boettcher M.

Sci Rep. 2018 Aug 22;8(1):12612. doi

Select item 3081611220.

Tissue-resident Eomes<sup>+</sup> NK cells are the major innate lymphoid cell population in human infant intestine.

Sagebiel AF, Steinert F, Lunemann S, Körner C, Schreurs RRCE, Altfeld M, Perez D, **Reinshagen K**, Bunders MJ.

Nat Commun. 2019 Feb 28;10(1):975. doi: 10.1038/s41467-018-08267-7.

Spaced Education Improves the Retention of Laparoscopic Suturing Skills: A Randomized Controlled Study.

Boettcher J, Klippgen L, Mietzsch S, Grube F, Krebs T, Bergholz R, **Reinshagen K**, Boettcher M.

Eur J Pediatr Surg. 2020 Apr;30(2):193-200. doi: 10.1055/s-0039-1681022. Epub 2019 Feb 27.

Human Fetal TNF- $\alpha$ -Cytokine-Producing CD4<sup>+</sup> Effector Memory T Cells Promote Intestinal Development and Mediate Inflammation Early in Life.

Schreurs RRCE, Baumdick ME, Sagebiel AF, Kaufmann M, Mokry M, Klarenbeek PL, Schaltenberg N, Steinert FL, van Rijn JM, Drewniak A, The SML, Bakx R, Derikx JPM, de Vries N, Corpeleijn WE, Pals ST, Gagliani N, Friese MA, Middendorp S, Nieuwenhuis EES, **Reinshagen K**, Geijtenbeek TBH, van Goudoever JB, Bunders MJ.

Immunity. 2019 Feb 19;50(2):462-476.e8. doi: 10.1016/j.immuni.2018.12.010. Epub 2019 Feb 12.

Degradation of Extracellular DNA Significantly Ameliorates Necrotizing Enterocolitis Severity in Mice.

Klinke M, Vincent D, Trochimiuk M, Appl B, Tiemann B, Bergholz R, **Reinshagen K**, Boettcher M.

J Surg Res. 2019 Mar;235:513-520. doi: 10.1016/j.jss.2018.10.041. Epub 2018 Nov 26.

Vincristine resistance in relapsed neuroblastoma can be efficiently overcome by Smac mimetic LCL161 treatment.

Frommann K, Appl B, Hundsdoerfer P, **Reinshagen K**, Eschenburg G.

J Pediatr Surg. 2018 Oct;53(10):2059-2064

Undetected Cases of Non-Accidental Burns in Children - Preventive Strategies.

Klinke M, Schmidt CM, Tegtmeyer L, **Reinshagen K**, Boettcher M, Koenigs I.

Klin Padiatr. 2018 Mar;230(2):61-67.

Retrospective analysis on thermal injuries in children-Demographic, etiological and clinical data of German and Austrian pediatric hospitals 2006-2015-Approaching the new German burn registry.

Tegtmeyer LC, Herrstadt GR, Maier SL, Thamm OC, Klinke M, **Reinshagen K**, Koenigs I.

Burns. 2018 Feb;44(1):150-157.

The spaced learning concept significantly improves training for laparoscopic suturing: a pilot randomized controlled study.

Boettcher M, Boettcher J, Mietzsch S, Krebs T, Bergholz R, **Reinshagen K**.  
Surg Endosc. 2018 Jan;32(1):154-159.

Epidemiologic analysis of families with isolated anorectal malformations suggests high prevalence of autosomal dominant inheritance.

Dworschak GC, Zwink N, Schmiedeke E, Mortazawi K, Märzheuser S, **Reinshagen K**, Leonhardt J, Gómez B, Volk P, Reißmann A, Jenetzky E, Reutter H.  
Orphanet J Rare Dis. 2017 Dec 13;12(1):180.

Sensitization of neuroblastoma for vincristine-induced apoptosis by Smac mimetic LCL161 is attended by G2 cell cycle arrest but is independent of NF $\kappa$ B, RIP1 and TNF- $\alpha$ .

Langemann D, Trochimiuk M, Appl B, Hundsdorfer P, **Reinshagen K**, Eschenburg G.  
Oncotarget. 2017 Sep 23;8(50):87763-87772.

Therapeutic targeting of extracellular DNA improves the outcome of intestinal ischemic reperfusion injury in neonatal rats.

Boettcher M, Eschenburg G, Mietzsch S, Jiménez-Alcázar M, Klinke M, Vincent D, Tiemann B, Bergholz R, **Reinshagen K**, Fuchs TA.  
Sci Rep. 2017 Nov 13;7(1):15377. doi: 10.1038/s41598-017-15807-6.

Degradation of Extracellular DNA by DNase1 Significantly Reduces Testicular Damage After Testicular Torsion in Rats.

Boettcher M, Meier D, Jiménez-Alcázar M, Eschenburg G, Mietzsch S, Vincent D, Klinke M, Trochimiuk M, Appl B, Tiemann B, Bergholz R, **Reinshagen K**, Fuchs TA.  
Urology. 2017 Nov;109:223.e1-223.

Comparison of In-Vitro and Ex-Vivo Wound Healing Assays for the Investigation of Diabetic Wound Healing and Demonstration of a Beneficial Effect of a Triterpene Extract.

Ueck C, Volksdorf T, Houdek P, Vidal-Y-Sy S, Sehner S, Ellinger B, Lobmann R, Larena-Avellaneda A, **Reinshagen K**, Ridderbusch I, Kohrmeyer K, Moll I, Daniels R, Werner P, Merfort I, Brandner JM.  
PLoS One. 2017 Jan 3;12(1):e0169028. doi: 10.1371/journal.pone.0169028. eCollection 2017.

Smac mimetic LCL161 supports neuroblastoma chemotherapy in a drug class-dependent manner and synergistically interacts with ALK inhibitor TAE684 in cells with ALK mutation F1174L.

Najem S, Langemann D, Appl B, Trochimiuk M, Hundsdorfer P, **Reinshagen K**, Eschenburg G.  
Oncotarget. 2016 Nov 8;7(45):72634-72653.

Major cell biological parameters of keratinocytes are predetermined by culture medium and donor source.

Zorn-Kruppa M, Volksdorf T, Ueck C, Zöller E, **Reinshagen K**, Ridderbusch I, Bruning G, Houdek P, Moll I, Brandner JM.  
Exp Dermatol. 2016 Mar;25(3):242-4.

Modulation of Thrombosis Significantly Reduces Testicular Damage after Testicular Torsion in Rats: Anti-Thrombotic Treatment and Testicular Torsion.

Boettcher M, Fuchs TA, Schäfer H, Appl B, Trochimiuk M, Jiménez-Alcázar M, Tiemann B, Jung R, Bergholz R, **Reinshagen K**, Eschenburg G.

Urology. 2016 Feb;88:227.e1-7.

Influence of hypoxia-dependent factors on the progression of neuroblastoma.

Ameis HM, Drenckhan A, Freytag M, Izbicki JR, Supuran CT, **Reinshagen K**, Holland-Cunz S, Gros SJ.

Pediatr Surg Int. 2016 Feb;32(2):187-92.

Training Significantly Improves Fetoscopy Performance: A Pilot Randomized Controlled Trial.

Mietzsch S, Boettcher J, Yang S, Chantereau P, Romero P, Bergholz R, **Reinshagen K**, Boettcher M.

Eur J Pediatr Surg. 2016 Oct;26(5):436-442.

Carbonic anhydrase IX correlates with survival and is a potential therapeutic target for neuroblastoma.

Ameis HM, Drenckhan A, Freytag M, Izbicki JR, Supuran CT, **Reinshagen K**, Holland-Cunz S, Gros SJ.

J Enzyme Inhib Med Chem. 2016;31(3):404-9.

A chicken embryo model for the study of umbilical and supraumbilical body wall malformations.

Ridderbusch I, Bergholz R, Fattouh M, Eschenburg G, Roth B, Appl B, Maenner J, **Reinshagen K**, Kluth D.

Eur J Pediatr Surg. 2015 Jun;25(3):257-61.

Midterm outcome of transumbilically laparoscopic-assisted versus laparoscopic and open appendectomy in children--a matched prospective study.

Bergholz R, Klein I, Wenke K, Boettcher M, **Reinshagen K**, Krebs T.

Eur J Pediatr Surg. 2015 Apr;25(2):216-9.

Taurolidine cooperates with antineoplastic drugs in neuroblastoma cells.

Eschenburg G, Luckert C, **Reinshagen K**, Bergholz R.

Genes Cancer. 2014 Nov;5(11-12):460-9.

Taurolidine specifically inhibits growth of neuroblastoma cell lines in vitro.

Luckert C, Eschenburg G, Roth B, Appl B, **Reinshagen K**, Bergholz R.

J Pediatr Hematol Oncol. 2014 May;36(4):e219-23.

Early prediction of complex midgut volvulus in neonates and infants.

Kanellos-Becker I, Bergholz R, **Reinshagen K**, Boettcher M.

Pediatr Surg Int. 2014 Jun;30(6):579-86.

Transumbilical laparoscopic-assisted versus 3-port laparoscopic and open appendectomy: a case-control study in children.

Bergholz R, Krebs TF, Klein I, Wenke K, **Reinshagen K**.

Surg Laparosc Endosc Percutan Tech. 2014 Jun;24(3):244-7.

Gut inflammation and expression of ICC in a fetal lamb model of fetoscopic intervention for gastroschisis.

Krebs T, Boettcher M, Schäfer H, Eschenburg G, Wenke K, Appl B, Roth B, Andreas T, Schmitz C, Fahje R, Jacobsen B, Tiemann B, **Reinshagen K**, Hecher K, Bergholz R.

Surg Endosc. 2014 Aug;28(8):2437-42.

Prenatal latex sensitization in patients with spina bifida: a pilot study.

Boettcher M, Goettler S, Eschenburg G, Kracht T, Kunkel P, Von der Wense A, **Reinshagen K**.

J Neurosurg Pediatr. 2014 Mar;13(3):291-4.

PGK1 as predictor of CXCR4 expression, bone marrow metastases and survival in neuroblastoma.

Ameis HM, Drenckhan A, von Loga K, Escherich G, Wenke K, Izbicki JR, **Reinshagen K**, Gros SJ.

PLoS One. 2013 Dec 20;8(12):e83701.

Mucosal loss with increased expression of IL-6, IL-8, and COX-2 in a formula-feeding only neonatal rat model of necrotizing enterocolitis.

Bergholz R, Zschiegner M, Eschenburg G, Wenke K, Tiemann B, Roth B, Appl B, **Reinshagen K**, Sommerfeldt D, Ridderbusch I.

J Pediatr Surg. 2013 Nov;48(11):2301-7.

Clinical and sonographic features predict testicular torsion in children: a prospective study.

Boettcher M, Krebs T, Bergholz R, Wenke K, Aronson D, **Reinshagen K**.

BJU Int. 2013 Dec;112(8):1201-6.

Differentiation of epididymitis and appendix testis torsion by clinical and ultrasound signs in children.

Boettcher M, Bergholz R, Krebs TF, Wenke K, Treszl A, Aronson DC, **Reinshagen K**.

Urology. 2013 Oct;82(4):899-904.

Abdominal wall incision with or without exteriorization of bowel: results from a fetal lamb model for the embryogenesis of gastroschisis.

Bergholz R, Krebs T, Wenke K, Boettcher M, Andreas T, Tiemann B, Jacobsen B, Fahje R, Schmitz C, Roth B, Appl B, **Reinshagen K**, Hecher K.

Fetal Diagn Ther. 2013;33(1):55-60.

Right- versus left-sided congenital diaphragmatic hernia: postnatal outcome at a specialized tertiary care center.

Schaible T, Kohl T, **Reinshagen K**, Brade J, Neff KW, Stressig R, Büsing KA.

Pediatr Crit Care Med. 2012 Jan;13(1):66-71.

Preventive antireflux surgery in neonates with congenital diaphragmatic hernia: a single-blinded prospective study.

Maier S, Zahn K, Wessel LM, Schaible T, Brade J, **Reinshagen K**.

J Pediatr Surg. 2011 Aug;46(8):1510-5.

A 20-year experience on neonatal extracorporeal membrane oxygenation in a referral center.  
Schaible T, Hermle D, Loersch F, Demirakca S, **Reinshagen K**, Varnholt V.  
Intensive Care Med. 2010 Jul;36(7):1229-34.

Transanal pull-through procedure for Hirschsprung's disease: a 5-year experience.  
Jester I, Holland-Cunz S, Loff S, Hosie S, **Reinshagen K**, Wirth H, Ali M, Waag KL.  
Eur J Pediatr Surg. 2009 Apr;19(2):68-71.

Evaluation of stents in treating childhood benign esophageal strictures.  
**Reinshagen K**, Kähler G, Manegold BC, Waag KL.  
Klin Padiatr. 2009 Jan-Feb;221(1):25-30.

Long-term outcome in patients with short bowel syndrome after longitudinal intestinal lengthening and tailoring.  
**Reinshagen K**, Kabs C, Wirth H, Hable N, Brade J, Zahn K, Hagl C, Jester I, Waag KL.  
J Pediatr Gastroenterol Nutr. 2008 Nov;47(5):573-8.

The impact of longitudinal intestinal lengthening and tailoring on liver function in short bowel syndrome.  
**Reinshagen K**, Zahn K, Buch Cv, Zoeller M, Hagl CI, Ali M, Waag KL.  
Eur J Pediatr Surg. 2008 Aug;18(4):249-53

Treatment of lymphangiomas with picibanil in the first year of life.  
Subotic U, Hosie S, Waag KL, **Reinshagen K**.  
Klin Padiatr. 2008 Jul-Aug;220(4):248-52.

Mosaic pattern of sucrase isomaltase deficiency in two brothers.  
**Reinshagen K**, Keller KM, Haase B, Leeb T, Naim HY, Zimmer KP.  
Pediatr Res. 2008 Jan;63(1):79-83.

Efficacy of ERCP in infancy and childhood.  
**Reinshagen K**, Müldner A, Manegold B, Kähler G.  
Klin Padiatr. 2007 Sep-Oct;219(5):271-6.

Endoscopically controlled strictureplasty for stenotic colorectal anastomosis.  
**Reinshagen K**, Müldner A, Reinshagen S, Kähler G.  
Endoscopy. 2005 Sep;37(9):873-5.

Autophagocytosis of the apical membrane in microvillus inclusion disease.  
**Reinshagen K**, Naim HY, Zimmer KP.  
Gut. 2002 Oct;51(4):514-21.

Befunde und Therapie beim adhäsionsbedingten mechanischen Ileus  
W Sendt, **K Reinshagen**, A Pippow, U Schöffel, EH Farthmann  
Acta Chir Austriaca 2000; 32:73-75

## Review

Rescue Nuss procedure for inferior vena cava compression syndrome following posterior scoliosis surgery in Marfan syndrome.

Löhnhardt M, Hättich A, Andresen A, Stangenberg M, Mir TS, **Reinshagen K**, Dreimann M. Eur Spine J. 2019 Jun;28(Suppl 2):31-36

Complex gastroschisis is a different entity to simple gastroschisis affecting morbidity and mortality-a systematic review and meta-analysis.

Bergholz R, Boettcher M, **Reinshagen K**, Wenke K. J Pediatr Surg. 2014 Oct;49(10):1527-32.

Therapy of paediatric pancreatic trauma.

Maier S, **Reinshagen K**, Kähler G, Wessel LM. Zentralbl Chir. 2014 Jun;139(3):266-70.

The chronic liver disease in patients with short bowel syndrome: etiology and treatment.

**Reinshagen K**, Adams R, Trunk M, Wessel LM. Minerva Pediatr. 2009 Jun;61(3):273-81.

Diagnostik der chronischen Obstipation/ Enkopresis

**Reinshagen K**

Coloproctology 2007; 29: 238-42

Die chirurgische Therapie des Kurzdarmsyndroms

K.-L. Waag, **Reinshagen k**

Kinder- und Jugendmedizin 2007; 78: 443-49

Pathophysiology in Microvillus inclusion disease.

**Reinshagen K**, Naim H, Heusipp G, Zimmer KP.

Z Gastroenterol. 2006 Aug;44(8):667-71. Review.

Congenital epulis: a rare diagnosis in paediatric surgery.

**Reinshagen K**, Wessel LM, Roth H, Waag KL.

Eur J Pediatr Surg. 2002 Apr;12(2):124-6.

A simple aid in gastroenterology. Even the stomach tube has its risks.

**Reinshagen K**, Imdahl A.

MMW Fortschr Med. 2000 Apr 6;142(14):35-6.

## Andere Publikationen

Hair Restriction at Female External Genitalia in Children.

Dorth DED, **Reinshagen K**, Königs I.

Klin Padiatr. 2018 Aug 28. doi: 10.1055/a-0657-3873. [Epub ahead of print]

Integra®-Dermal Regeneration Template and Split-Thickness Skin Grafting: A Therapy Approach to Correct Aplasia Cutis Congenita and Epidermolysis Bullosa in Carmi Syndrome.

Trah J, Has C, Hausser I, Kutzner H, **Reinshagen K**, Königs I.

Dermatol Ther (Heidelb). 2018 Jun;8(2):313-321

Perioperative Medizin: Chirurgie ist mehr als operieren Schwenk, Freya Kalff (Hrsg)

Kinder und Jugendliche

**Reinshagen K**

Georg Thieme Verlag 2017: 448-53

Angeborene Thoraxfehlbildung–Sternumaplasie (Sternal Cleft) Gerling, J; Boettcher, M;

Mietzsch, S; Pawlik, M; Klaassen, I; Hempel, M; **Reinshagen, K**; Singer, D

Zeitschrift für Geburtshilfe und Neonatologie 2016 220;06: 269-270

Neonatal primary care -- "atypical intubation" in tracheal agenesis.

Wolf M, Klaassen I, **Reinshagen K**, Hermann J, Singer D.

Z Geburtshilfe Neonatol. 2014 Apr;218(2):87-8.

Anastomosis instead of resection: an unusual approach for the treatment of a cervical esophageal duplication cyst

Wenke K, **Reinshagen K**

J Pediatr Surg Case Reports 2014; 2(3): 93-96

Concomitant bilateral adnexal entanglement in a 7-year-old girl with precocious puberty.

Boettcher M, Kanellos-Becker I, Akkurt I, **Reinshagen K**.

Int J Gynaecol Obstet. 2013 Dec;123(3):248-9.

Akutes Skrotum bei Kindern

Boettcher M, **Reinshagen K**

Pädiat Prax 2013 81:33-39

Candidiasis caused by Candida kefyr in a neonate: case report.

Weichert S, **Reinshagen K**, Zahn K, Geginat G, Dietz A, Kilian AK, Schroten H, Tenenbaum T.

BMC Infect Dis. 2012 Mar 18;12:61.

Die minimal-invasive Trichterbrustkorrektur nach Nuss. 10 Jahre Erfahrung

Hagl CI, Vehar S, **Reinshagen K**, Wirth H, Waag KL, Wessel LM

Chirurgische Praxis 2012; 75(1): 99-109



Ultra late onset group B streptococcal sepsis with acute renal failure in a child with urethral obstruction: a case report.

Freudenstein D, **Reinshagen K**, Petzold A, Debus A, Schrotten H, Tenenbaum T.  
J Med Case Rep. 2012 Feb 20;6:68.

Diaphragmatic Hernia Associated with Esophageal Atresia: A Challenging Combination for the Neonatologist and the Pediatric Surgeon

Apostolidou, S; **Reinshagen, K**; Zahn, K; Hien, S; Wessel, LM; Schaible, T  
Pediatric Research 2010; 68, S1

Die minimal-invasive Trichterbrustkorrektur nach Nuss

Hagl CI, Vehar S, **Reinshagen K**, Wirth H, Waag KL, Wessel LM  
Pädiat. Prax. 2009; 74: 101-11.

Intima tear of the renal artery-a consequential complication in blunt abdominal trauma, Zahn, K; **Reinshagen, K**; Wessel, LM;  
Klinische Pädiatrie 2009,2:104

Reply to letter to the editor.

**Reinshagen K**

J Pediatr Surg. 2007 Aug;42(8):1466-7

Gastrobronchial fistula after toothbrush ingestion.

Karcher JC, von Buch C, Waag KL, **Reinshagen K**.  
J Pediatr Surg. 2006 Oct;41(10):1768-70.

Dysphagia after taking an acetaminophen-tablet during oral anticoagulation.

Bauer KM, Harenberg J, Jörg I, Diezler P, **Reinshagen K**, Burkhardt H, Gladisch R.  
Internist (Berl). 2005 Dec;46(12):1394-8.

A case of severe Pierre Robin sequence with failure to thrive and tachycardia resolved after redo-fundoplication and hiatoplasty.

**Reinshagen K**, Schellscheidt J, Zimmer KP.  
Eur J Pediatr. 2005 Sep;164(9):573-6.

Modified self-expanding plastic stent for the treatment of refractory benign esophageal strictures.

Müldner A, **Reinshagen K**, Wüstner M, Kähler G.  
Endoscopy. 2005 Sep;37(9):925.