

RECENT RESEARCH PUBLICATIONS – RCH GASTRO DEPT WEBSITE (RESEARCH PAGE) v2

Disease Group	Year	Publication
Liver	Accepted for publication 2022	Hardikar W et al. Odevixibat Treatment in Progressive Familial Intrahepatic Cholestasis: A Randomised, Placebo-Controlled, Phase 3 Trial. <i>The Lancet Gastroenterology & Hepatology</i> (thelancetgastrohep-D-21-01112R3) (In press,2022)
	Accepted for publication 2022	Rosenbaum J . Distinct diagnostic trajectories in NBAS-associated acute liver failure highlights the need for timely functional studies. <i>JIMD Reports</i> (In press). Article ID: JMD212280
	2021	Apelt K, White SM, Kim HS, Yeo JE, Kragten A, Wondergem AP, Rooimans MA, González-Prieto R, Wiegant WW, Lunke S, Flanagan D, Pantaleo S, Quinlan C, Hardikar W , van Attikum H, Vertegaal ACO, Wilson BT, Wolthuis RMF, Schärer OD, Luijsterburg MS. ERCC1 mutations impede DNA damage repair and cause liver and kidney dysfunction in patients. <i>J Exp Med</i> . 2021 Mar 1;218(3):e20200622. doi: 10.1084/jem.20200622. PMID: 33315086; PMCID: PMC7927433.
	2021	Gonzales E, Hardikar W , Stormon M, Baker A, Hierro L, Gliwicz D, Lacaille F, Lachaux A, Sturm E, Setchell KDR, Kennedy C, Dorenbaum A, Steinmetz J, Desai NK, Wardle AJ, Garner W, Vig P, Jaecklin T, Sokal EM, Jacquemin E. Efficacy and safety of maralixibat treatment in patients with Alagille syndrome and cholestatic pruritus (ICONIC): a randomised phase 2 study. <i>Lancet</i> . 2021 Oct 30;398(10311):1581-1592. doi: 10.1016/S0140-6736(21)01256-3. Epub 2021 Oct 28. PMID: 34755627.
	2019	Hardikar W . Viral hepatitis. <i>J Paediatr Child Health</i> . 2019 Sep;55(9):1038-1043. doi: 10.1111/jpc.14562. Epub 2019 Jul 17. PMID: 31317618.
	2018	Bannister EG , Yuen L, Littlejohn M, Edwards R, Sozzi V, Colledge D, Li X, Locarnini S, Hardikar W, Revill PA. Molecular characterization of hepatitis B virus (HBV) in African children living in Australia identifies genotypes and variants associated with poor clinical outcome. <i>J Gen Virol</i> . 2018 Aug;99(8):1103-1114. doi: 10.1099/jgv.0.001086. Epub 2018 Jun 22. PMID: 29932395.
	2008	Nydegger A, Van Dyck M, Fisher RA, Jaeken J, Hardikar W . Hardikar syndrome: long term outcome of a rare genetic disorder. <i>Am J Med Genet A</i> . 2008 Oct 1;146A(19):2468-72. doi: 10.1002/ajmg.a.32226. PMID: 18348269.
Inflammatory Bowel Disease	2022	Ford T, Danchin M, McMinn A, Perrett K, Alex G , Crawford NW. Immunisation status of children and adolescents with a new diagnosis of inflammatory bowel disease. <i>BMC Infect Dis</i> . 2022 Jan 4;22(1):6. doi: 10.1186/s12879-021-06976-x. PMID: 34983407; PMCID: PMC8725393.
	2022	Dawson R, Wands D, Logan M, Merdeith J, Efkliedes S, Benn L, Wilson D, Henderson P, Grant H, Bremner G, Gerasimidis K, Alex G , Russell RK. Comparing effectiveness of a generic oral nutritional supplement with a specialised formula in the treatment of active

		paediatric Crohn's Disease. IBD-D-21-01372R1 (accepted for publication in IBD 2022) Now published
	2021	Vernon-Roberts A, Lopez RN, Lewindon P, Lember DA, Hearn N, Alex G , Otley A, Jacobsen K, Evans H, Roberts A., Geary RB Day AS. Assessment of disease-related knowledge among children with inflammatory bowel disease and their family using IBD-KID2; evaluating tool generalizability- JPGN Reports (2021) 2:3 (e075)
	2020	Grover Z, Alex G . Management of inflammatory bowel disease in children: It is time for an individualised approach. J Paediatr Child Health. 2020 Nov;56(11):1677-1684. doi: 10.1111/jpc.14652. Epub 2019 Oct 15. PMID: 31613039.
	2019	Kansal S, Catto-Smith AG, Boniface K, Thomas S, Cameron DJ, Oliver M, Alex, G , Kirkwood CD, Wagner J. Variation of Gut Mucosal Microbiome with ASCA Status in Paediatric Crohns Disease. <i>J Pediatric Gastroenterolo Nutr</i> 2019 Dec 69(6) 696-703
	2018	Bolia R, Rosenbaum J , Schildkraut V, Hardikar W, Oliver M, Cameron D, Alex G. Secondary Loss of Response to Infliximab in Pediatric Crohn Disease: Does It Matter How and When We Start? <i>J Pediatr Gastroenterol Nutr</i> . 2018 Apr;66(4):637-640. doi: 10.1097/MPG.0000000000001742. PMID: 28906316.
	2014	Bannister EG , Cameron DJ, Ng J, Chow CW, Oliver MR, Alex G, Catto-Smith AG, Heine RG, Webb A, McGrath K, Simpson D, Hardikar W. Can celiac serology alone be used as a marker of duodenal mucosal recovery in children with celiac disease on a gluten-free diet? <i>Am J Gastroenterol</i> . 2014 Sep;109(9):1478-83. doi: 10.1038/ajg.2014.200. Epub 2014 Jul 29. PMID: 25070050.
Liver transplantation	2020	Ooi PH, Mazurak VC, Siminoski K, Bhargava R, Yap JYK , Gilmour SM, Mager DR. Deficits in Muscle Strength and Physical Performance Influence Physical Activity in Sarcopenic Children After Liver Transplantation. <i>Liver Transpl</i> . 2020 Apr;26(4):537-548. doi: 10.1002/lt.25720. PMID: 31965696.
	2020	Stormon MO, Hardikar W , Evans HM, Hodgkinson P. Paediatric liver transplantation in Australia and New Zealand: 1985-2018. <i>J Paediatr Child Health</i> . 2020 Nov;56(11):1739-1746. doi: 10.1111/jpc.14969. Epub 2020 Jul 10. PMID: 32649047.
	2019	Mager DR, Hager A, Ooi PH, Siminoski K, Gilmour SM, Yap JYK . Persistence of Sarcopenia After Pediatric Liver Transplantation Is Associated With Poorer Growth and Recurrent Hospital Admissions. <i>JPEN J Parenter Enteral Nutr</i> . 2019 Feb;43(2):271-280. doi: 10.1002/jpen.1414. Epub 2018 Jul 23. PMID: 30035306.
Intestinal failure	2021	Gattini D, Roberts AJ, Wales PW, Beath SV, Evans HM, Hind J, Mercer D, Wong T, Yap J , Belza C, Huysentruyt K, Avitzur Y. Trends in Pediatric Intestinal Failure: A Multicenter, Multinational Study. <i>J Pediatr</i> . 2021 Oct;237:16-23.e4. doi: 10.1016/j.jpeds.2021.06.025. Epub 2021 Jun 18. PMID: 34153281.

	2021	Rumore S, McGrath K , Scott A, Sexton E, Wong T. Fat soluble vitamin status in children on home parenteral nutrition in a tertiary paediatric intestinal rehabilitation unit. Clin Nutr ESPEN. 2021 Dec;46:240-245. doi: 10.1016/j.clnesp.2021.10.002. Epub 2021 Oct 20. PMID: 34857203.
	2020	Osland EJ, McGrath KH , Ali A, Carey S, Daniells S, Angstmann K, Bines J, Asrani V, Watson C, Jones L, De Cruz P. A framework to support quality of care for patients with chronic intestinal failure requiring home parenteral nutrition. J Gastroenterol Hepatol. 2020 Apr;35(4):567-576. doi: 10.1111/jgh.14841. Epub 2019 Oct 30. PMID: 31441085.
	2020	Yap JYK , Roberts AJ, Bines JE . Paediatric intestinal failure and transplantation. J Paediatr Child Health. 2020 Nov;56(11):1747-1753. doi: 10.1111/jpc.15052. PMID: 33197983.
	2020	McGrath KH , Evans V, Yap J . Indications and Patterns of Use for Parenteral Nutrition in Pediatric Oncology. JPEN J Parenter Enteral Nutr. 2020 May;44(4):632-638. doi: 10.1002/jpen.1685. Epub 2019 Jul 22. PMID: 31332795.
	2019	Jo SC, McCallum Z, Shalley H, Peterkin M, Rogers E, Paxton G, Wong T, Bines JE . Outcomes of Children With Chronic Intestinal Failure: Experience Over 2 Decades at a Tertiary Paediatric Hospital. J Pediatr Gastroenterol Nutr. 2019 Sep;69(3):e79-e87. doi: 10.1097/MPG.0000000000002384. PMID: 31169663.
	2019	McGrath KH , Pitt J, Bines JE . Small intestinal bacterial overgrowth in children with intestinal failure on home parenteral nutrition. JGH Open. 2019 Apr 4;3(5):394-399. doi: 10.1002/jgh3.12174. PMID: 31633044; PMCID: PMC6788370.
Cystic Fibrosis	2021	Colombo C, Alicandro G, Oliver M , Lewindon PJ, Ramm GA, Ooi CY, Alghisi F, Kashirskaya N, Kondratyeva E, Corti F, Padoan R, Asherova I, Evans H, de Monestrol I, Strandvik B, Lindblad A; CF UDCA study group. Ursodeoxycholic acid and liver disease associated with cystic fibrosis: A multicenter cohort study. J Cyst Fibros. 2021 Apr 1:S1569-1993(21)00090-4. doi: 10.1016/j.jcf.2021.03.014. Epub ahead of print. PMID: 33814323.
	2018	Bolia R, Ooi CY, Lewindon P, Bishop J, Ranganathan S, Harrison J, Ford K, van der Haak N, Oliver MR . Practical approach to the gastrointestinal manifestations of cystic fibrosis. J Paediatr Child Health. 2018 Jun;54(6):609-619. doi: 10.1111/jpc.13921. Epub 2018 May 16. PMID: 29768684.
Gut motility	2021	Evans-Barns HME, Swannjo JB, Trajanovska M, Safe M , Hutson JM, Dinning PG, King SK. Post-operative anorectal manometry in children with Hirschsprung disease: A systematic review. Neurogastroenterol Motil. 2021 Dec 29:e14311. doi: 10.1111/nmo.14311. Epub ahead of print. PMID: 34964199.
	2017	Meyer A, Catto-Smith A, Crameri J, Simpson D, Alex G , Hardikar W , Cameron D, Oliver M . Achalasia: Outcome in children. J Gastroenterol Hepatol. 2017 Feb;32(2):395-400. doi: 10.1111/jgh.13484. PMID: 27411173.

	2016	Safe M, Cho J, Krishnan U. Combined Multichannel Intraluminal Impedance and pH Measurement in Detecting Gastroesophageal Reflux Disease in Children. <i>J Pediatr Gastroenterol Nutr.</i> 2016 Nov;63(5):e98-e106. doi: 10.1097/MPG.0000000000001396. PMID: 27574881.
Diarrhoea	2022	Witte D, Handley A, Jere KC, Bogandovic-Sakran N, Mpakiza A, Turner A, Pavlic D, Boniface K, Mandolo J, Ong DS, Bonnici R, Justice F, Bar-Zeev N, Iturriza-Gomara M, Ackland J, Donato CM, Cowley D, Barnes G, Cunliffe NA, Bines JE . Neonatal rotavirus vaccine (RV3-BB) immunogenicity and safety in a neonatal and infant administration schedule in Malawi: a randomised, double-blind, four-arm parallel group dose-ranging study. <i>Lancet Infect Dis.</i> 2022 Jan 20:S1473-3099(21)00473-4. doi: 10.1016/S1473-3099(21)00473-4. Epub ahead of print. PMID: 35065683.
	2020	Donato CM, Roczo-Farkas S, Kirkwood CD, Barnes GL, Bines JE . Rotavirus disease and genotype diversity in older children and adults in Australia. <i>J Infect Dis.</i> 2020 Jul 21:jiaa430. doi: 10.1093/infdis/jiaa430. Epub ahead of print. PMID: 32692812.
	2020	Shankar S, Rosenbaum J . Chronic diarrhoea in children: A practical algorithm-based approach. <i>J Paediatr Child Health.</i> 2020 Jul;56(7):1029-1038. doi: 10.1111/jpc.14986. PMID: 32725734.
	2018	Bines JE , At Thobari J, Satria CD, Handley A, Watts E, Cowley D, Nirwati H, Ackland J, Standish J, Justice F, Byars G, Lee KJ, Barnes GL, Bachtiar NS, Viska Icanervilia A, Boniface K, Bogdanovic-Sakran N, Pavlic D, Bishop RF, Kirkwood CD, Buttery JP, Soenarto Y. Human Neonatal Rotavirus Vaccine (RV3-BB) to Target Rotavirus from Birth. <i>N Engl J Med.</i> 2018 Feb 22;378(8):719-730. doi: 10.1056/NEJMoa1706804. PMID: 29466164; PMCID: PMC5774175.
Pancreas	2016	Working Party of the Australasian Pancreatic Club, Smith RC, Smith SF, Wilson J, Pearce C, Wray N, Vo R, Chen J, Ooi CY, Oliver M , Katz T, Turner R, Nikfarjam M, Rayner C, Horowitz M, Holtmann G, Talley N, Windsor J, Pirola R, Neale R. Summary and recommendations from the Australasian guidelines for the management of pancreatic exocrine insufficiency. <i>Pancreatol.</i> 2016 Mar-Apr;16(2):164-80. doi: 10.1016/j.pan.2015.12.006. Epub 2015 Dec 23. PMID: 26775768.