

Dr. Carlos Albert Reck Burneo, FAAP

<http://orcid.org/0000-0003-4284-8969>

Carlos Albert Reck Burneo

Nedergasse 10/3
1190 Wien, Austria

+43 676-904-3337
carlosreck@gmail.com

Key things

Board certified by the American Academy of Pediatrics

October 2008

Co-authored a book: Lane V., Wood R., Reck C., Levitt M., *Pediatric Colorectal and Pelvic Surgery: Case Studies*

Put date published here

Experience

Austrian board-certified attending pediatric surgeon at

Medizinische Universität Wien in Vienna, Austria

July 2017 - now

- Performs colorectal and pelvic reconstruction surgeries
- Specializes in persistent cloaca, Hirschsprung disease, and associated anomalies
- Leads research into the use of artificial intelligence in pediatric surgery

Clinical assistant professor in pediatric surgery at Ohio State

University in Columbus, Ohio

July 2015 - July 2017

- Research leader: Dr. Marc Levitt

Research fellow in pediatric surgery at Nationwide Children's
Hospital in Columbus, Ohio

July 2016 - July 2017

- Center for Colorectal and Pelvic Reconstruction
- Research leader: Dr. Marc Levitt

Clinical fellow in pediatric surgery at Nationwide Children's
Hospital in Columbus, Ohio

July 2015 - June 2016

- Center for Colorectal and Pelvic Reconstruction
- Research leader: Dr. Marc Levitt

Categorical pediatric surgery resident at Medizinische Universität Wien in Vienna, Austria

October 2008 - June 2015

- Curriculum: Austrian College of Medicine

General pediatrics resident at Beth Israel Medical Center in New York City

July 2005 - July 2008

- Finished with the Joseph R. Bongiorno Award for compassion, professionalism, and scholarship

Emergency room staff physician at Hospital Voz Andes in Quito, Ecuador

June 2004 - August 2004

- Tertiary training hospital

Rural doctor practicing out of the Centro Materno Infantil in Echeandía, Ecuador

April 2003 - April 2004

- Primary care facility

Education

Doctor in Medicine and Surgery at Universidad San Francisco de Quito in Quito, Ecuador

September 1996 - February 2003

- Finished as class's best student
- Finished Cum Laude
- Earned special mentions and honors in all internship rotations

Committees

2016 Pediatric Colorectal and Pelvic Reconstruction Conference, Nationwide Children's Hospital, Columbus, OH, USA
■ Faculty and organizing committee

2015 Pediatric Colorectal and Pelvic Reconstruction Conference, Nationwide Children's Hospital, Columbus, OH, USA
■ Faculty and organizing committee

PESPOS 2013- The neurogenic bladder – a current clinical and surgical update (<http://www.pespos.org>)
■ Founder and Organizing chairman

PESPOS 2012- Cystic lung malformations and congenital diaphragmatic hernia

(<http://www.pespos.org>)

■ Founder and Organizing chairman

PESPOS 2011- Intestinal failure in Children – a current clinical and surgical update (<http://www.pespos.org>)

■ Founder and Organizing chairman

Department of Pediatric Surgery Medical University of Vienna

■ Congress coordinator (Oberurgl Seminars in Pediatric Surgery 2010, 2011, 2012)

Entrepreneurship

Founder and chair of the Non Profit Organization:

“**Helping Hands for Anorectal Malformations**”- Vienna- Austria during my residency. (<http://www.analatesie.at>)

We help cover the deficit in pediatric surgeons in Honduras by operating children in the public hospital waiting list, while teaching local surgeons the techniques of Colorectal Surgery.

Publications

Carlos A. Reck, Alejandra Vilanova-Sanchez, Alexander J. Dingemund, Alessandra Gasior, Victoria Lane, Jennifer Cooper, Marc A. Levitt, Richard J. Wood. *The impact of a manuscript vs. a video on a surgeon's confidence in performing a difficult procedure.* [InPress JPS]

Reck C, Gasior A, Lane V, Skerritt C, Wagner A, Wood RJ, Levitt MA. *Primary or redo PSARP without a stoma: To feed or not to feed?* . [InPress JPS]

Reck C, Lane V, Nash O, Gasior A, Wood R, Rollins M, Levitt MA. *A structured bowel management program for patients with functional constipation can help decrease emergency department visits, hospital admissions, and healthcare costs.* [InPress JPS]

Carlos Reck, Victoria Lane, Alessandra Gasior, Gregory Bates, Mark Hogan, Richard Wood, Marc Levitt. *The use of rotational fluoroscopy and 3-D reconstruction in the diagnosis and surgical planning for complex cloacal malformations.* [InPress JPS]

Reck-Burneo CA, Wood R., Levitt M. *A Retrospective Cohort Study of Total Colonic Aganglionosis: Is the Appendix a Reliable Diagnostic Tool?*. Journal of Neonatal Surgery, [S.I.], v. 6, n. 1, p. 25, dec. 2016. ISSN 2226-0439.

Lane V, Skerritt C, Wood RJ, Reck CA, Hewitt G, McCracken K., Jayanthi V., Dajusta D., Ching C., Deans K., Minneci P., Levitt MA. *A standardized approach for the assessment and treatment of internationally adopted children with a previously repaired anorectal malformation (ARM).* Journal of Pediatric Surgery [In Press]

Gasior A, Brisighelli G, Reck C, Lane, V, Wood R, Diefenbach K, Levitt MA. *Surgical Management of Functional Constipation: Preliminary Report of a New Approach Using a Laparoscopic Sigmoid Resection Combined with a Malone Appendicostomy.* European Journal of Pediatric Surgery [In Press].

Reck-Burneo CA, Parekh A, Velcek FT. *Is octreotide a risk factor in necrotizing enterocolitis?* J Pediatr Surg 2008;43:1209–10.

Reck, C. A., M. Pones, and E. Horcher. "Esophageal replacement in children and its long-term consequences." *European Surgery* 44.4 (2012): 208-211.

Reck-Burneo CA, Villanueva J, Velcek FT. *Vaginal müllerian papilloma: an unusual cause of vaginal bleeding in a toddler.* J Pediatr Adolesc Gynecol 2009;22:e124–6.

Reck CA, Horcher E. *Cystic lung malformations.* Pädiatrie Jul 2010. Official Journal of the Austrian Society of Pediatrics)

Smitt B., Buscher K., Reck C., Ringe J., Kaps C., Sittinger M. *Pluripotency of human mesenchymal stem cells.* Tissue Engineering. 2001, Nov; 7(5):669.

Briones K., Reck CA., de la Cerda P., Briones M., Romero A., Esquina A., Grunauer M., *Non-Invasive Mechanical Ventilation In Cancer Patients* (Spanish), Revista Iberoamericana de Ventilación Mecánica No Invasiva, 03 / 2003 , Volume: 1, Pages: 35- 41

Springer, A, Reck, C. A., Hoermann, M., Messerschmidt, A., Horcher, E., & Rebhandl, W. (2010). *Gastric pneumatosis in necrotizing enterocolitis.* Klinische Pädiatrie, 222(4), 273.

Springer A, Reck CA, Fartacek R, Horcher E., *Appendix vermiformis as a left pyelo-ureteral substitute in a 6-month-old girl with solitary kidney.* Afr J Paediatr Surg. 2011 May-Aug;8(2):218-20.

Springer A, Fartacek R, Reck CA, Horcher E, Bettelheim D. *Major complication after intrauterine vesico-amniotic shunting.* Afr J Paediatr Surg 2010;7:200–2.

Springer A, Kidger E, Krois W, Fengler D, Reck CA, Horcher E. *Decision making among different treatment options for neurologically impaired boys with undescended testis: a multinational pediatric survey.* J Pediatr Urol 2013;9:42–5.

Kalu ON, Al-Khoury G, Reck CA, Velcek F. *Submucosal hematoma presenting as small bowel obturator obstruction in a patient on low-molecular-weight heparin.* J Pediatr Surg 2008;43:1569–71.

Springer A, Reck CA, Huber C, Horcher E. *Online hypospadias support group data analysis.* J Pediatr Surg 2011;46:520–4.

Springer A, Huber C, Reck CA, Fengler D, Horcher E. *Delayed referral despite appropriate knowledge in cryptorchidism as a cause of delayed orchidopexies in Austria.* Klin Padiatr 2010;222:248–51.

Tonnhofer U, Balassy C, Reck CA, Koller A, Horcher E. *Neuroendocrine tumor of the common hepatic duct, mimicking a choledochal cyst in a 6-year-old child.* J Pediatr Surg 2009;44:E23–5.

38th International Symposium of Pediatric Surgery. Obergurgl, April 19–22, 2009. Guest Editors: E. Horcher, W. Rebhandl and C. A. Reck (Vienna)

39th International Symposium of Pediatric Surgery Obergurgl, April 18–20, 2010 Guest Editors: E. Horcher, C. A. Reck and A. Wenderlich (Vienna)

Hubertus J, Hirsch W, Burkhardt U, Körholz D, Reck CA, Tröbs RB. *The efficacy of cervical mediastinotomy in children.* J Indian Assoc Pediatr Surg 2007;12:125.

Kalu, O. N., Al-Khoury, G., Reck, C. A., & Velcek, F. (2008). *Submucosal hematoma presenting as small bowel obturator obstruction in a patient on low-molecular-weight heparin.* Journal of pediatric surgery, 43(8), 1569-71.

Presentations

Alejandra Vilanova-Sanchez, Carlos A. Reck, Alexander J. Dingemans, Alessandra Gasior, Victoria Lane, Jennifer Cooper, Marc A. Levitt, Richard J. Wood. The impact of a manuscript vs. a video on a surgeon's confidence in performing a difficult procedure. Pacific Association of Pediatric Surgery. Seattle, Washington, May 28-31, 2017.

Alejandra Vilanova-Sanchez, Carlos A. Reck, Alessandra Gasior, Richard J. Wood, M anorectal malformation with features of both anal stenosis and rectoperineal fistula Pacific Association of Pediatric Surgery. Seattle, Washington, May 28-31, 2017.

Alexander J. Dingemans, Alessandra Gasior, Alejandra Vilanova -Sanchez, Carlos A J. Weaver, Renae Gagnon, Erin Hoover, Gabriel Sraha, Marc A. Levitt, Richard J. Wo Does clinic visit education within a multidisciplinary center improve health literacy : children with complex colorectal conditions? Pacific Association of Pediatric Surger Washington, USA.

Gasior A, Reck C, Lane V, Skerritt C, Wagner A. Wood RJ, Levitt MA. Primary or redo PSARP without a stoma: To feed or not to feed?. American Pediatric Surgical Association, Hollywood, FL, May 4-7, 2017.

Reck C, Lane V, Nash O, Gasior A, Wood R, Rollins M, Levitt MA. A structured bowel management program for patients with functional constipation can help decrease emergency department visits, hospital admissions, and healthcare costs. American Pediatric Surgical Association, Hollywood, FL, May 4-7, 2017.

Carlos Reck, Victoria Lane, Alessandra Gasior, Gregory Bates, Mark Hogan, Richard Wood, Marc Levitt. The use of rotational fluoroscopy and 3-D reconstruction in the diagnosis and surgical planning for complex cloacal malformations. American Academy of Pediatrics 2016.

CA Reck, V Lane, R Wood, M Levitt. *Repair of a rectovaginal h-type fistula*. Video presentation. British Association of Pediatric Surgeons. Amsterdam, July 2016.

V Lane , C Skerritt, K Nacion, R Wood, CA Reck, K Deans, P Minneci, M Levitt. *A standardized approach for assessing internationally adopted children with a previously repaired anorectal malformation (ARM)*. British Association of Pediatric Surgeons. Amsterdam, July 2016.

CA Reck, MD, Victoria Lane, MD, Kaleigh Peters, RN, Kristina Booth, RN, Rashaun Getter, PhD, Marc Levitt, MD, Richard Wood, MD. *The impact of a devoted center for pediatric colorectal problems in the screening of patients with Anorectal malformations*. WOFAPS, Washington, October 2016

C. Reck-Burneo, F. Tolete-Velcek. *Long Jejunal atresia caused by in utero intussusception and volvulus*. Island College Hospital, Brooklyn, NY, USA 36th International Symposium of Pediatric Surgery OBERGURGL, April 16-18, 2007

CA Reck-Burneo, F. Tolete-Velcek. *Intussusception in a very low birthweight infant*. Long Island College Hospital, Brooklyn, NY, USA 36th International Symposium of Pediatric Surgery OBERGURGL, April 16-18, 2007

C. Reck-Burneo, F. Tolete-Velcek *Octreotide as a cause of necrotizing enterocolitis*. Long Island College Hospital, Brooklyn, NY, USA 36th International Symposium of Pediatric Surgery OBERGURGL, April 16-18, 2007

CA Reck-Burneo, F. Tolete-Velcek. *Acute gangrenous cholecystitis in a premature infant*. Long Island College Hospital, Brooklyn, NY, USA 36th International Symposium of Pediatric Surgery OBERGURGL, April 16-18, 2007

S. Kulkarni, C. A. Reck-Burneo, F. Tolete-Velcek. *Gastric trichobezoar presenting as a enormous gastric mass*. Long Island College Hospital, Brooklyn, NY, USA 36th International Symposium of Pediatric Surgery OBERGURGL, April 16–18, 2007

CA Reck-Burneo, F. Tolete-Velcek. *Vaginal Mullerian papilloma: an unusual cause of vaginal bleeding in a toddler*. Long Island College Hospital, Brooklyn, NY, USA 36th International Symposium of Pediatric Surgery OBERGURGL, April 16–18, 2007

C. Reck-Burneo, C. Baia, A. Shteynberg, F. T. Velcek. *WOFAPS Spontaneous gastric perforation in a 13 year old: diagnosis and treatment*, SUNY Downstate Medical Center, Brooklyn, USA 37th International Symposium of Pediatric Surgery Obergurgl, April 13–16, 2008

Shteynberg, C. Reck, A. E. Alfonso, F. T. Velcek. *Duodenal transection: a novel surgical approach to a rare complication of blunt abdominal trauma* SUNY Downstate Medical Center, Brooklyn, USA USA 37th International Symposium of Pediatric Surgery Obergurgl, April 13–16, 2008

Shteynberg, C. Reck, E. Davis, S. Hallak, F. T. Velcek. *Ileal stenosis in a toddler: a rare cause of acute small bowel obstruction and volvulus* SUNY Downstate Medical Center, Brooklyn, USA USA 37th International Symposium of Pediatric Surgery Obergurgl, April 13–16, 2008

Reck-Burneo, A. Shteynberg. F. T. Velcek. *Revision of colonic interposition: long term follow up after colonic esophagoplasty*, SUNY Downstate Medical Center, Brooklyn, USA USA 37th International Symposium of Pediatric Surgery Obergurgl, April 13–16, 2008

Reck, CA. Shteynberg, C. Baia, F. T. Velcek. *Status epilepticus as a presenting symptom of intussusception*. SUNY Downstate Medical Center, Brooklyn, USA USA 37th International Symposium of Pediatric Surgery Obergurgl, April 13–16, 2008

T. Benkoe, C. Reck, A. Gleiss, E. Horcher, W. Rebhandl. *The predictive role of interleukin-8 for 60-day mortality in infants with surgical necrotizing enterocolitis* Medizinische Universität Wien/Klinische Abteilung für Kinderchirurgie, Wien, Austria; 53rd Annual Meeting of the Austrian Society of Surgery Salzburg, June 7–9, 2012

Wiener, CA Reck, W. Rebhandl, E. Horcher. *Accuracy of Abdominal Ultrasound in the diagnosis of acute appendicitis in children* Medical University of Vienna, Vienna, Austria; 53rd Annual Meeting of the Austrian Society of Surgery Salzburg, June 7–9, 2012

CA Reck, M. Pones, E. Horcher. *Gastric pull up for esophageal replacement in children a single center experience* Medical University of Vienna, Vienna, Austria; 53rd Annual Meeting of the Austrian Society of Surgery Salzburg, June 7–9, 2012

Horcher, C. Reck. *Gefäßverletzungen in der pädiatrisch-chirurgischen Onkologie* Universitätsklinik für Chirurgie, Medizinische Universität Wien, Wien, Austria; 54th Annual Meeting of the Austrian Society of Surgery 2013

T. M. Benkoe, S. Baumann, M. Weninger, M. Pones, C. Reck, W. Rebhandl, R. Oehler. *Comprehensive evaluation of 11 cytokines in premature infants with surgical necrotizing enterocolitis*. Medizinische Universität Wien/Abteilung für Kinderchirurgie, Wien, Austria, 2 Medizinische Univer; 54th Annual Meeting of the Austrian Society of Surgery 2013

CA Reck, E. Horcher. *Wilms tumor surgery: a single center experience* Medical University of Vienna, Vienna, Austria; 51st Annual Meeting of the Austrian Society of Surgery Linz, June 2-4, 2010

CA Reck, R. Fartacek, S. Baumann, E. Horcher. *An easy and novel procedure to overcome appendicostomy insufficiencies.* Medical University of Vienna, Vienna, Austria; 52nd Annual Meeting of the Austrian Society of Surgery Vienna, Austria, June 23-25, 2011

CA Reck, M. Pones, S. Baumann, E. Horcher. *Management and operative outcome of 40 cases operated for congenital lung disease.* Division of Pediatric Surgery, Department of Surgery, Medical University of Vienna, Vienna, Austria; 40th International Symposium – Pediatric Surgery Obergurgl, April 10-13, 2011
RECTOPERINEAL FISTULA WITH VAGINAL AGENESIS, (video presentation). Alejandra Vilanova, Victoria Lane, Alexander Dingemans, Carlos Reck, Kate McCracken, Richard J Wood, Geri Hewitt, Marc A Levitt. North American Society for Pediatric and Adolescent Gynecology, Annual Clinical and Research Meeting April 20-22, 2017

INDICATIONS FOR PERINEOPLASTY WITH PERINEAL BODY RECONSTRUCTION FOR GYNECOLOGICAL COMPLICATIONS IN PATIENTS WITH PREVIOUSLY REPAIRED ANORECTAL MALFORMATIONS (poster presentation). Alejandra Vilanova Sanchez, Carlos Reck, Kate McCracken, Richard Wood, Marc Levitt, Geri Hewitt. North American Society for Pediatric and Adolescent Gynecology, Annual Clinical and Research Meeting April 20-22, 2017

Videos

How I Do It - PSARP - Levitt GlobalCastMD Videos n.d.
<http://videolibrary.globalcastmd.com/how-i-do-it-levitt-psarp> (accessed September 3, 2016).

Reck CA, Lawal TA, Wood RJ, Lane VA, Gasior A, Diefenbach K, Levitt MA. *A Modification of the Heineke-Mikulicz Concept Applied to the Treatment of Congenital Anal Stenosis.* September 2016, 26. doi: 10.1089/vor.2016.0353

Victoria A. Lane, MBChB, Richard J. Wood, MD, Carlos Reck, MD, Geri Hewitt, MD, Marc A. Levitt. *Anorectal Malformation. Rectoperineal Fistula with Vaginal Agenesis.* Nationwide Children's Hospital, Columbus, OH, USA. DOI: <https://doi.org/10.17797/h69n23g4qd> From the APSA 2016 Annual Meeting proceedings

Book

Lane V., Wood R., Reck C., Levitt M., *Pediatric Colorectal and Pelvic Surgery: Case Studies.* [In Press]

K. Elizabeth Speck, MD, Marc Levitt, MD, Jeffrey Avansino, MD, Ishan Asokan, MSc, Carlos Reck, MD, Victoria Lane, MD. *Anorectal Malformations.* - Pediatric Surgery NaT - Copyright © 2016 American Pediatric Surgical Association. All rights reserved.

Languages

English

Spanish

German

Open Projects

IRB14-00232 Colorectal Registry 12/7/2016 PI: Deans

IRB16-00701 Lap. colon resection 12/2/2016 PI: Diefenbach

IRB16-00658 GYN Anatomy Chart Review 10/3/2016 PI: McCracken

IRB16-00802 Health literacy of bowel management patients 9/13/2016 PI: Reck

IRB15-00836 The predictive value of manometry and radiology testing
8/23/2016 PI: Lu

IRB15-00830 ARM Adopted 8/18/2016 PI: Reck

IRB16-00665 CloacaChartReview 8/17/2016 PI:wood

IRB16-00362 Bowel management follow up 8/15/2016 PI: Reck

IRB15-00951 HK Technique 8/3/2016 PI: Reck

IRB16-00704 HD chart review 8 /1/2016 PI: Reck

IRB16-00390 Indications for Redo Operations in Hirschsprung's Disease
6/20/2016 PI: Levitt

IRB14-00232 Colorectal Registry 12/7/2016 PI: Deans

PreSubmission:

IRB16-01171 Dilations in primary PSARP 12/18/2016 Pre Submission PI: Reck

IRB16-01062 Colectomy for function constipation 12/16/2016Pre Submission PI:
Reck

IRB16-01120 QoL and health literacy in Honduras 12/9/2016 PreSubmission PI:
Reck

IRB16-01210 Artificial intelligencel for xrays and bowel management
PreSubmission PI: Reck

IRB16-00824 TES for constipation PreSubmission PI: Reck

IRB16-00818 Laparoscopic ovarian salvage for bilateral ovarian teratomas.
PreSubmission PI: Reck

Skills

Computer programing (Java and Swift language)

App development and execution (Iphone, Android, Web)

Webpage Creation and deployment

Advanced video editing skills

Big data analysis

Database management