**FREDERICK MERRILL KARRER, M.D.**

# Professor of Surgery and Pediatrics

University of Colorado School of Medicine

Children’s Hospital Colorado

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**BIRTH DATE/PLACE**: August 28, 1954

 McCook, Nebraska

**MARITAL STATUS**: Married: Debra Kay (Newcomer) Karrer, July 16, 1977

 Children: Michael, born August 11, 1989

 Thomas, born July 10, 1992

**EDUCATION**:

 University of Nebraska, Lincoln – Bachelor of Science (Zoology) 1976

 University of Nebraska Medical Center, Omaha - Doctor of Medicine 1979

**RESIDENCIES:**

 University of Arizona Health Sciences Center, Tucson, Arizona

 General Surgery Resident, Stephen L. Wangensteen, M.D. 1979 - 1984

**FELLOWSHIPS:**

 University of Colorado Health Sciences Center, Denver, Colorado

 Research Fellow in Pediatric Surgery, John R. Lilly, M.D. 1984 - 1985

 University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania

 Fellow in Transplantation Surgery, Thomas E. Starzl, M.D. 1985 - 1986

 Children's Memorial Hospital, Northwestern University, Chicago, Illinois

 Pediatric Surgery Fellow, John F. Raffensperger, M.D. 1986 - 1988

**LICENSURE:**

 State of Colorado, #25905 1984 -

 State of Illinois, #36073553 (Inactive) 1986 - 1990

 State of Pennsylvania, #MD034832E (Inactive) 1985 - 1988

 State of Arizona, #1224 (Inactive) 1979 - 1988

**BOARD CERTIFICATION:**

 Diplomat, National Board of Medical Examiners, #223061 1980

 American Board of Surgery, #32441 1987 - 2024

 American Board of Surgery (Pediatric Surgery), #540 1990 - 2024

 American Board of Surgery (Surgical Critical Care), #5751990 1990 - 2023

**OTHER CERTIFICATION**

 Basic Life Support (American Heart Association) 2002

 -Recertification Annually 2003-2022

 Advanced Trauma Life (American College of Surgeons Committee on Trauma) 1990

 - Recertification 1995, 2000, 2004, 2008, 2012, 2016, 2020

 Pediatric Advanced Life Support (American Heart Association) 2000

- Recertification 2002, 2004, 2006, 2010, 2012, 2014, 2016, 2018, 2020

 Advanced Cardiac Life Support (American Heart Association) 2009

**ACADEMIC APPOINTMENTS:**

 Instructor in Surgery, University of Colorado 1984 - 1985

 Instructor in Surgery, University of Pittsburgh 1985 - 1986

 Instructor in Surgery, Northwestern University 1987 - 1988

 Assistant Professor, Department of Surgery, University of Colorado 1988 - 1994

 Assistant Professor, Department of Pediatrics, University of Colorado 1992 - 1994

 Associate Professor, Department of Surgery & Pediatrics, Univ of Colo 1994 - 2003

 Professor with tenure, Department of Surgery & Pediatrics, Univ of Colo 2003 -

**MILITARY SERVICE:**

 Major, US Army Reserves, 5502nd US Army Hospital 2002 - 2005

 Lieutenant Colonel, US Army Reserves, 5502nd US Army Hospital 2005 - 2009

 Colonel, US Army Reserves, 5502nd US Army Hospital 2009 - 2014

 Colonel, Wyoming State Emergency Preparedness Liaison Officer 2014 - 2022

 Region VIII Defense Coordinating Element, 76th ORC

**MILITARY AWARDS:**

 Order of Military Medical Merit

 Meritorious Service Medal

 Army Commendation Medal (5th Award)

 Army Reserve Component Achievement Medal (4th Award)

 National Defense Service Medal

 Afghanistan Campaign Medal with 3 Campaign Stars

 Iraq Campaign Medal with Campaign Star

 Global War on Terrorism Expeditionary Medal

 Global War on Terrorism Service Medal

 Armed Forces Reserve Medal with M device and 10-Year Bronze Hourglass

 Army Service Ribbon

 Army Reserve Components Overseas Training Ribbon

 NATO Medal – ISAF (3rd Award)

 Combat Medical Badge

 Army Meritorious Unit Citation Award

 7 Deployments – Iraq x2, Afghanistan x3, Hawaii, Virginia

**HONORS AND AWARDS:**

 Alternate Regent's Scholarship, University of Nebraska 1972

 Outstanding Young Men of America 1984

 Young Investigator's Award, National Digestive Disease, Advisory Board 1988

 Northwestern University Residents' Paper Competition, Honorable Mention 1988

 Who's Who in the West 1994

 Award for 10 years of Dedication to Transplantation at University Hospital 1998

 The Best Doctors in America 1998 – 2011, 2017

 Preceptor Appreciation Award, Child Health/Physician Asst Prgm, Univ of Colo 1998

 **Edward J. Bartle Outstanding Teacher Award, Dept of Surg, Univ of Colo 2000**

 Top Doctors in America, Castle Connolly Medical Ltd., 2001 - 2018

 Honored Member Strathmore’s Who’s Who 2002, 2009

 America’s Top Surgeons, Consumers Research Council of America 2002, 2004

 Top Docs, Core Magazine 2007

 Presidential Who’s Who 2009

 Patient’s Choice Award 2010

 **Distinguished Alumnus Award, Dept. of Surgery, University of Arizona 2013**

 Top Doctors, 5280 Magazine 1999, 2004, 2005, 2006, 2013 - 2023

 **James E. Strain Award, Children’s Hospital Medical Staff** **2019**

**HOSPITAL CREDENTIALS**:

Active Staff

 Children's Hospital Colorado, Denver, Colorado 1990 -

 University Hospital, Denver, Colorado 1988 -

 Denver Health Medical Center, Denver, Colorado 1988 -

 Exempla/St. Joseph Hospital, Denver, Colorado 1990 -

 Memorial Hospital, Colorado Springs, Colorado 2014 -

Inactive Staff

 Rose Medical Center, Denver, Colorado 1988 - 2004

 Presbyterian/St. Luke's Hospital, Denver, Colorado 1990 - 2004

 St. Anthony’s Hospital, Denver, Colorado 1997 - 2004

 Exempla/Lutheran Hospital, Wheat Ridge, Colorado 1997 - 2010

 Porter/Adventist Hospitals, Littleton, Colorado 1997 - 2004

 Swedish Medical Center, Englewood, Colorado 1998 - 2004

 Exempla/Good Samaritan Hospital, Louisville, Colorado 2002 - 2009

**MEMBERSHIP IN PROFESSIONAL SOCIETIES**:

 American Medical Association 1977 - 2016

 Phi Rho Sigma Medical Society 1977 - 1980

 Transplantation Society 1987 - 2020

 American Academy of Pediatrics  1988 -

 Surgical Section 1990 -

 Critical Care Section 1990 -

 Association for Academic Surgery 1988 – 2005

 American Society of Transplant Surgeons 1989 - 2022

 American Association for the Study of Liver Diseases 1989 - 2000

 American College of Surgeons - Fellow 1992 -

 Society of Critical Care Medicine 1992 - 2016

 Pacific Association of Pediatric Surgeons 1992 -

 American Pediatric Surgical Association 1993 -

 Publications Committee 1995 - 1998

 Manpower Task Force Committee 1995 - 2001

 Committee on Transplantation 2002 - 2003

 Practice Committee 2007 – 2010

 Nominating Committee 2012

 Denver Medical Society 1994 - 2016

 Colorado Medical Society 1994 - 2016

 Western Trauma Association 1994 -

 International Liver Transplantation Society 1995 - 2015

 Western Surgical Association 1995 -

 Denver Academy of Surgery 1995 -

 Board of Directors 2013 -

 President 2022 - 2023

 International Pediatric Transplant Association 2000 - 2022

 Children’s Oncology Group 2002 - 2011

**CURRENT COMMITTEE APPOINTMENTS:**

 Pediatric Liver Center, Children’s Hospital Colorado 1988 -

Trauma Committee, Children’s Hospital Colorado 1995-

Infection Control Committee, Children’s Hospital Colorado 1995 -

Surgery Committee of Childhood Liver Disease Research Network (ChiLDReN) 2002 -

**PAST APPOINTMENTS/COMMITTEES:**

 Teaching Assistant - Child Psychology, University of Nebraska, Lincoln 1975

 Parasitology Research Fellow, Ogallala Field Station, University of Nebraska 1975

 Teaching Assistant - Physics, University of Nebraska, Lincoln, Nebraska 1975 - 1976

 Student Health Aid - University of Nebraska, Lincoln, Nebraska 1976

 Vice President, Phi Rho Sigma Medical Society, Iota Chapter, UNMC 1979

 Tissue Review Subcommittee, University of Arizona, Tucson Arizona 1983 - 1984

 Hepatic Surgery Research Fellow, Veteran's Administration Hospital,

 Tucson, Arizona (C. Putnam, M.D.) 1983

 Code Committee, Children's Memorial Hospital 1987 - 1988

 Surgical Director of Pediatric Transplantation, Univ of Colo/Children’s Hospital 1988 - 2016

 Director, Pediatric Trauma Service, University of Colorado 1988 - 1990

 Pediatric Nutrition Committee, University of Colorado 1988 - 1990

 Liver Transplant Candidate Selection Committee, Univ of Colo/CHCO 1988 – 2022

 Pediatric Clinical Research Center Committee, University of Colorado 1988 – 1992

 Pediatric Renal Transplant Committee, Children’s Hospital Colorado 1989 - 2022

 Operating Room Committee, University of Colorado 1988 - 1991

 Pediatric Surgery Subcommittee of University/Children’s Hospital Colorado

 Affiliation Working Committee 1989 - 1990

 Multi-Organ Transplant Program Advisory Committee 1989 - 1992

 Pediatric Transplant Study Group 1989 - 1993

 United Network for Organ Sharing Region 8 Representative for Children’s Hosp 1990 - 2015

 Instructor, Advanced Trauma Life Support, ACS Committee on Trauma 1990

 Instructor, Trial Advocacy Course, University of Colorado Law

 School (Judge James Carrigan) 1990 - 1992

 Medical Research Committee, Children’s Hospital Colorado 1990 - 1993

 Pediatric Intensive Care Unit Advisory Committee, Children’s Hospital 1990 - 1995

 Pediatric Surgery Education Committee, Children’s Hospital Colorado 1991 – 2022

 Promotions Committee (Clinical Competency), General Surgery Residency,

 Department of Surgery, University of Colorado 1991 - 2016

 Advisory Committee for Urology Chief, Children’s Hospital Colorado 1991

 Search Committee for Chief of Pathology, Children’s Hospital Colorado 1991

 Ethics Committee, Children’s Hospital Colorado 1991 - 1992

 Colorado Multiple Institutional Review Board (COMIRB) 1991 - 1993

 Surgical Research Committee, Department of Surgery, University of Colorado 1991 - 1995

 Colorado Organ Recovery Systems, Medical Advisory Committee 1991 - 2006

 Kempe Research Center, Scientific Review Board, The Children's Hospital 1992

 Organ Transplant Task Force of the Colorado District Attorney 1992 - 1993

 Communications Committee, United Network for Organ Sharing 1992 - 1994

 Continuing Medical Education Committee, Children’s Hospital Colorado 1992 - 1996

 Acting Chairman, Department of Pediatric Surgery, The Children's Hospital 1993 - 1997

 Nominating Committee of the Medical Board, Children’s Hospital Colorado 1993 - 1994

 Acting Chief, Section of Pediatric Surgery, University of Colorado 1993 - 1995

 Operating Room Committee, Children’s Hospital Colorado 1993 - 2007

 **Medical Board, Children’s Hospital Colorado** 1994 - 1996

 Transplant Council, Children’s Hospital Colorado 1994 - 1996

 Graduate Medical Education Committee, University of Colorado 1995 – 2021

 Pediatric Surgery Leadership Task Force, Children’s Hospital Colorado 1995

 **Chief, Division of Pediatric Surgery, University of Colorado**  1995 - 2016

 **Chairman, Department of Pediatric Surgery, Children’s Hospital Colorado** 1995 - 2016

 American College of Surgeons, Colorado District #1 Committee on Applicants 1996 - 1998

 UNOS Pediatric Transplantation Committee 1996 - 1998

 Surgery Chair Committee, Children’s Hospital Colorado 1997 - 2016

 GI//GU Future Planning Discussion Group, Chair, Children’s Hospital Colorado 1998

 Children’s Hospital Colorado Subcommittee of University Physicians Inc. 1999 - 2000

 Pediatric General Clinical Research, UCHSC - Advisory Committee 1999 - 2002

 Venous Access Task Force, Quality Initiatives Committee, Children’s Hospital 2000 - 2007

 Search Committee for Chairman of Pediatric Anesthesia, Children's Hospital 2001

 Graduate Medical Education Committee, Internal Reviewer Pediatric Cardiology 2001

 Search Committee for Chairman of Pathology (Chair), CHCO 2006 – 2007

 **The David R. & Kiku Akers Chair in Pediatric Surgery** 2007 - 2016

 Promotion and Tenure Committee (Chairman), CU Department of Surgery 2007 - 2015

 Finance Committee, University Physicians, Inc. 2008 - 2016

 Legislative Committee, American Society of Transplant Surgeons 2009 - 2011

 **Medical Board, Children’s Hospital Colorado** 2009 - 2011

 Children’s Hospital Colorado Board of Directors 2009 - 2011

 Trauma Steering Committee, Children’s Hospital Colorado 2009 - 2011

 Clinical Administrative Council, Children’s Hospital Colorado 2009 - 2011

 Joint Affiliation Committee, Children’s Hospital Colorado 2009 - 2011

 Quality Safety Committee, Children’s Hospital Colorado 2009 - 2011

 **Interim Surgeon-in-Chief, Children’s Hospital Colorado** 2009 - 2011

 Clinical Competency Committee for Pediatric Surgery Fellowship, CHCO 2014 – 2022

 Search Committee for Division Head of Transplant Surgery 2015 - 2016

 Hearts of All Ages Committee 2015

 Search Committee for Chairman of Plastic Surgery (Chairman), CHCO 2017 – 2018

**LEADERSHIP EDUCATION**

 American College of Surgeons - Chicago, IL – April 3-6 2005

 Surgeons as Leaders: From Operating Room to Boardroom

 Center for Creative Leadership, Colorado Springs 2007

**TEACHING RESPONSIBILITIES**:

 Program Director, Pediatric Surgical Fellowship, UC and CHCO 1995 – 2006, 2009 -2021

 Program Director, International Pediatric Surgery Fellowship, CHCO 2016-2010

 Co-Instructor for Surgery Resident Rotations on Pediatric Surgery

 University of Colorado General Surgery

 St. Joseph’s Hospital General Surgery

 St. Anthony Hospital General Surgery

 Co-Instructor, University of Colorado School of Medicine:

 Pediatric Surgery #540 (Undergraduate Medical Students)

 Surgery #544 (Junior Medical Students)

 Surgery #569 (Senior Medical Students)

 Co-Instructor for Physician’s Assistant/Child Health Associate Program

 Children’s Hospital Colorado (Second Year)

**COMMUNITY ACTIVITIES:**

 Lecture to Tamarac High School 1999

 Lecture to Colorado Academy second grade class 2000

 Preceptor for High School Students Nicole Struthers and

 Justin Smutz 2002

 Assistant Scoutmaster & Committee Member, Troop 112,

 Boy Scouts of America 2002 - 2007

 Lecture at St. Mary’s Middle School 2008

**POSTS IN SCIENTIFIC JOURNALS AND STUDY SECTIONS**:

 Consultant Referee for New York State Journal of Medicine 1985

 Consultant Referee for Pediatrics 1985

 Consultant Referee for Pediatric Surgery International 1988

 Consultant Referee for Archives of Internal Medicine 1989

 Consultant Referee for The New England Journal of Medicine 1989

 Consultant Referee for Medical Principles and Practice 1989

 Editorial Board of Transplantation Science 1991

 Consultant Referee for Anais da Faculdade de Medicina 1992

 American Board of Surgery

 Consultant, Associate/Alternate Examiner for Surgery Oral Boards 1994

 Pediatric Surgery In-Training Examination Consultant 1996 - 2009

 Associate Examiner for Pediatric Surgery Oral Boards 2008

 National Institutes of Health, Consultant 1996

 Consultant Referee for Archives of Surgery 1997 - 2000

 Editorial Board of eMedicine 2001

 Editorial Board of Kid Health Website 2002

 Consultant Referee for Case Reports in Otolaryngology 2018

 Consultant Referee for Annals of Surgery 2000, 2010

 Consultant Referee for Journal of Pediatric Surgery 1995 - present

**GRANT SUPPORT:**

Title:Colorado Center of NIH-NIDDK, U01DK062453, PI - Ronald J. Sokol, MD, Direct costs year 19: $ 515,687, Total costs year 19: $634,997.

Sponsor: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), a Division

of The National Institutes of Health (NIH)

Role: Co-Investigator

Amount: 2%

Period: 2019-2024

* + John Magee, MD (PI), Ron Sokol (Study Chair) and the Childhood Liver Disease Research and Education Network: Biliary Atresia Research Consortium (PROBE). ClinicalTraials.gov Identifier: NCT00061828. BARC - IND – DK62456-01, 2003-
	+ Ron Sokol (Study Chair) and the Childhood Liver Disease Research and Education Network: Biliary Atresia Study in Infants and Children (BASIC). ClinicalTrials.gov Identifier NCT00345553, 2006-
	+ John Magee, MD (PI) and the Childhood Liver Disease Research and Education Network: A Randomized, Double-Blinded, Placebo-Controlled trial of Corticosteroid Therapy Following Portoenterostomy (START). ClinicalTrials.gov Identifier: NCT00294684, 2006-
	+ Ron Sokol, MD (PI) and the Childhood Liver Disease Research and Education Network: A Phase I/IIa Trial of Intravenous Immunoglobulin (IVIG) Therapy Following Portoenterostomy in Infants with Biliary Atresia (PRIME). COMIRB# 13-0400, 2013-

Title: Rapid Routine Emergency Department Screening for Child Physical Abuse, PI – Daniel M Lindberg, MD, Total costs: $619,805

Sponsor: 59 Medical Wing (MDW) Research Program

Role: Co-Investigator

Amount: 2%

Period: 2021-2022

**EXPERIMENTAL AND CLINICAL RESEARCH ACTIVITIES**:

* COMIRB # 12-1012 Choledochal cyst excision: a review of our experience. Acker S, Bruny J, Narkewicz M, Roach J, Rogers A, Karrer FM.
* COMIRB #15-1952 Use of Ultrasound Measurements to Guide G-tube Sizing. Moulton SS, Karrer FM

**COMPLETED OR PAST RESEARCH ACTIVITY:**

* Putnam CW, Karrer FM: Veterans Administration Research Grant, Hepatoprotection following liver injury. University of Arizona Health Sciences Center, 1983.
* Karrer FM (Principal Investigator), Lilly JR: Efficacy of moxalactam in pediatric hepatobiliary infection. Eli Lilly & Co. University of Colorado Health Sciences Center, 1984-1985.
* Karrer FM (Principal Investigator), Hall RJ, Sondheimer J, Lilly JR: Lower esophageal sphincter function after endoscopic sclerosis. University of Colorado Health Sciences Center, 1986-1989.
* Raffensperger JG, Das J, Karrer FM: Parenteral nutrition-associated cholestasis in the neonate following small bowel resection and enterostomy. Children's Memorial Hospital, Chicago, Illinois, 1987-1988.
* Raffensperger JG, Kaplan W, Karrer FM, Hatley R: Prevention of gastrointestinal reflux by submucosal injection of teflon. Children's Memorial Hospital, Chicago, Illinois, 1987-1988.
* Kam I, Karrer FM, Lawton C: Liver transplantation in dogs - A step prior to human liver transplantation at University of Colorado Health Sciences Center. University of Colorado Health Sciences Center, 1988.
* Kam I, Karrer FM, Harken A: Multicenter trial of University of Wisconsin solution in clinical liver preservation and transplantation. University of Colorado Health Sciences Center, 1988-1989.
* Lilly JR (Principal Investigator), Karrer FM, Silverman A: Endoscopic sclerosis of esophageal varies. University of Colorado Health Sciences Center, 1981-1990.
* Karrer FM (Principal Investigator), Horgan G. Wanek AE, Rumack C, Hall RJ, Lilly JR: Doppler evaluation of portal vein calibre and flow in children with biliary atresia. University of Colorado Health Sciences Center, 1987-1990.
* Lilly JR (Principal Investigator), Karrer FM, Javett N, Schröter,GPJ: Bile acid investigations after Kasai operation. University of Colorado Health Sciences Center, 1988-1990.
* Karrer FM (Principal Investigator), Hambidge FM, Lilly JR, Westcott J, Miller L, Kennessey P: Zinc metabolism in infants and children with extrahepatic biliary atresia (EHBA). University of Colorado Health Sciences Center, 1990.
* Karrer FM (Principal Investigator), Hao L, Howell C, Lafferty K: Induction of specific immune tolerance in murine allografts. University of Colorado School of Medicine, Biomedical Research Support Grant ($6,700), 1991-1992.
* Sokol RJ (Principal Investigator), Karrer FM, Schröter GPJ, Jones M. Use of TPGS-Vitamin E to improve cyclosporine absorption. University of Colorado Health Sciences Center, 1989-1992.
* Howell CD (Principal Investigator), Fennel RH, Stephens J, Franklin W, Kam I, Everson GT, Schröter GPJ, Karrer FM. Diagnosis of liver allograft rejection in adults. University of Colorado Health Sciences Center, 1990-1992.
* Karrer FM (Principal Investigator), Reitz B, Hao L, Lafferty K, Harken HA: Specific immune to tolerance in transplantation. University of Colorado School of Medicine, Department of Surgery, Dean's Academic Enrichment Fund, ($2,000), 1991-1992.
* Karrer FM (Principal Investigator): Stomate valve redesign efficacy study. University of Colorado School of Medicine, 1992.
* McCalmon RT (Principal Investigator), Kortz WJ, Spees EK, Fitting F, Chan L, Karrer FM: HLA-DR matched antigen blood transfusions in kidney transplant recipients. The Center for Transplant Research, 1992.
* Howell CD (Principal Investigator), Kam I, Everson G, Karrer FM, Schröter GPJ, Barfield N, Evanish K, McGinn T: The utility of bile cytokines for the diagnosis of liver rejection in adults. Ortho Biotech and American College of Gastroenterology, 1992-1994.
* Lafferty KJ (Principal Investigator), Stegall M, Kam I, Karrer FM, Schröter GPJ: Intraportal transplantation of islets using 15-deoxyspergualin. University of Colorado and The Barbara Davis Center for Childhood Diabetes, 1993-1994
* Kam I (Principal Investigator), Schröter GPJ, Karrer FM, et al: A double-blind multicenter randomized comparative study comparing Sandimmune oral solution and OG-37-325 oral solution in the prevention of renal allograft rejection. Sandoz Pharmaceuticals, 1993-1994.
* Karrer FM (Principal Investigator): A canine model of living-related liver transplantation. University of Colorado Health Sciences Center, 1994-1995.
* Bilir BM (Principal Investigator), Karrer FM, Hanks T, Ostrowska A: Cryopreserved hepatocyte transplantation in the reversal of acute liver failure. Hepatobiliary Research Center - Pilot Feasibility Grant, NIH Grant No. P30 DK34914, 1994-1996.
* Karrer FM (Principal Investigator), Gill R. Bilir B, Ostrowska A: Immunogenicity of hepatic parenchymal calls: Investigation of in vitro and in vivo alloreactivity to isolated murine hepatocytes. Hepatobiliary Research Center, June 15, 1994 NIH Grant No. P30 DK34914, $9,000, 1994-1996.
* Karrer FM (Principal Investigator): Hepatocyte transplantation. University of Colorado School of Medicine, Department of Surgery, Dean's Academic Enrichment Fund, $16,000, 1994-1996.
* Karrer FM (Principal Investigator): Single patient compassionate use (C. Gartner 11/25/96) (C. Dick 7/8/98) and 9/8/98) botulinum toxin for hypertonic anal sphincter syndrome. Children’s Hospital Colorado, 1996-2000.
* Karrer FM (Principal Investigator), Hall RJ, Goff JS: A prospective assessment of endoscopic elastic band variceal ligation. University of Colorado Health Sciences Center, 1987-2000.
* Karrer FM (Principal Investigator), Schröter GPJ, Silverman A, Shikes R: Extrahepatic biliary atresia. University of Colorado Health Sciences Center, 1974-2000.
* Karrer FM (Principal Investigator): Hepatic porticoenterostomy (Kasai operation) for biliary atresia. 1974-2000.
* Karrer FM (Principal Investigator), Kumpe DA, Schröter GPJ: Splenic embolization in children. University of Colorado Health Sciences Center, 1982-2000.
* Karrer FM (Principal Investigator), Mayer DJ: Ophthalmology in biliary atresia and its correlation with vitamin A levels. University of Colorado Health Sciences Center, 1986-2000.
* Narkewicz M (Principal Investigator), Sokol RJ, Karrer FM, Kam I, Hambidge KM: Longitudinal study of zinc study in patients undergoing orthotopic liver transplantation. University of Colorado Health Sciences Center, 1990-2000.
* Sokol RJ (Principal Investigator), Karrer FM, Brown W, Sondheimer J, Narkewicz M, Taylor SF. Use of polymerase chain reaction to detect Reovirus III RNA in liver of children with cholestasis and bile ducts. University of Colorado Health Sciences Center, 1991- 2000.
* Narkewicz M, Sokol RJ, Karrer FM, Smith D, Butler-Simon N, Drescher A. Antioxidant in Biliary Atresia. Children’s Hospital Colorado, Denver, CO. COMIRB Protocol #99-400, Phase I/Phase II Trial of 1999 –
* COMIRB # 12-1300 Core Needle Biopsy versus Open Wedge Biopsy for Pediatric Solid Intra-Abdominal Tumors. Karrer FM.(PI)

**INVITED LECTURES, SEMINARS AND PRESENTATIONS:**

1. Pediatric Trauma. Nineteenth Annual Summer Medical Seminar, Cocinino County Medical Society, Flagstaff, Arizona, July 22, 1983.
2. Acute Fulminant Hepatic Necrosis - A Large Animal Model Using Hepatic Resection And Galactosamine. Society of University Surgeons, Resident's Meeting, Chicago, Illinois, February 8, 1984.
3. Congenital Diaphragmatic Defects Complicated by Chylothorax, Pacific Association of Pediatric Surgeons - Seventeenth Annual Meeting, San Diego, California, May 22, 1984.
4. Pediatric Surgical Trauma. Quarterly Update in Pediatrics, Denver, Colorado, March 15, 1985.
5. In Biliary Atresia, Corticosteroids are Effective Treatment for Cholangitis. Sixteenth Annual American Pediatric Surgical Association, Hawaii, May 2, 1985.
6. Liver Transplantation Under One Year of Age. Seventh Annual Pediatric Surgery Residents' Conference. Philadelphia, Pennsylvania, November 7, 1986.
7. Anorectal Malformations: Evaluation of associated spinal diastrophic syndromes. Eighteenth Annual American Pediatric Surgical Association, Hilton Head, South Carolina, May 9, 1987
8. Biliary Atresia Registry: A preliminary update. Eighth Annual Pediatric Surgery Residents' Conference, Toronto, Canada, September 27, 1987.
9. Variable Presentation of Bronchopulmonary Sequestration. XXXV Annual International Congress of the British Association of Paediatric Surgeons, Athens, Greece, September 22, 1988.
10. Surgical Jaundice in Infants and Children. Department of Pediatrics Grand Rounds, University of Colorado School of Medicine, Denver, Colorado, November 4, 1988.
11. Pediatric Liver Transplantation: What's new in 1989. Department of Pediatrics Grand Rounds, University of Colorado School of Medicine, Denver, Colorado, March 17, 1989.
12. Pediatric Liver Transplantation. Department of Pediatrics Grand Rounds, The Children's Hospital, Denver, Colorado, June 21, 1989.
13. Surgical Correction of Pediatric Birth Defects. Association of Surgical Technologists, Denver, Colorado, July 15, 1989.
14. Biliary Atresia Registry (1976-1989). American Academy of Pediatrics, Surgical Section, Chicago, Illinois, October 22, 1989.
15. Pearls of Transplantation. Department of Surgery Grand Rounds, University of Colorado School of Medicine, Denver, Colorado, January 20, 1990.
16. Liver Transplant Technique. Rocky Mountain Chapter of the American Liver Foundation, Denver, Colorado, February 17, 1990.
17. Pediatric Surgery for the General Surgeon. Horizons in Surgery, Breckenridge, Colorado, March 3, 1990.
18. Advances in Pediatric Surgery. Neonatal Conference, Penrose Community Hospital, Colorado Springs, Colorado, March 14, 1990.
19. Liver Transplant Activity in 1st Year Program at UCHSC. Colorado Chapter of the American College of Surgeons, Colorado Springs, Colorado, May 11, 1990.
20. Biliary Atresia and the Polysplenia Syndrome. XXXVII Annual International Congress of the British Association of Pediatric Surgeons, Glasgow, Scotland, July 25, 1990.
21. Contemporary Pediatric Bronchoscopy. American Academy of Pediatrics, Critical Care Section, Boston, Massachusetts, October 5, 1990.
22. Pediatric Transplantation for the Pediatric Surgeon. 11th Annual National Pediatric Surgery Residents' Conference, Chicago, Illinois, November 2, 1990.
23. Surgical Jaundice in Infancy and Childhood. Visiting Professor, Surgical Grand Rounds, University of Arizona Health Sciences Center, Tucson, Arizona, 2/16/91.
24. Surgical Health Care Should be Rationed. (Panel Discussant). Horizons in Surgery, Breckenridge, Colorado, March 7, 1991.
25. Organ Donation. Continuing Medical Education Conference, Boulder Community Hospital, Boulder, Colorado, September 6, 1991.
26. Liver Transplantation in the Newborn. Perinatal/Neonatal Education Conference, Children’s Hospital Colorado, Denver, Colorado, November 7, 1991.
27. Biliary Atresia. Iota Chapter, Phi Rho Sigma Annual Lectureship, Omaha, Nebraska, April 24, 1992.
28. Neonatal Intestinal Obstruction. Neonatal Respiratory Distress. Neonatal Cholestasis. XIII Congresso Brasileiro de Perinatologia, Recife, Brazil, November 21-26, 1992.
29. Liver Transplantation. Federal University of Pernambuco, Recife, Brazil, November 24, 1992.
30. Liver Transplantation. Association of Surgical Technologists, Denver, Colorado, October 2, 1993.
31. Portal Vein Thrombosis: Treatment of Variceal Hemorrhage by Endoscopic Variceal Ligation. American Academy of Pediatrics, Surgical Section, Washington, DC, October 29-31, 1993.
32. Fluorescein Labeling of Murine Hepatocytes for Identification after Intrahepatic Transplantation. First International Congress of Pediatric Transplantation, Minneapolis, Minnesota, August 29-September 1, 1993.
33. Pediatric Surgery for the General Surgeon. Department of Surgery Grand Rounds, University of Colorado School of Medicine, November 20, 1993.
34. Laparoscopic Surgery Beyond the Gallbladder. Panel Discussant. Horizons in Surgery, Breckenridge, Colorado, March 2, 1994.
35. Surgical Office Procedures. American Academy of Pediatrics, Spring Session, Denver, Colorado, April 24-25, 1994.
36. Neonatal Emergencies Outside the Neonatal Intensive Care Unit. American Academy of Pediatrics, Spring Session, Denver, Colorado, April 26, 1994.
37. Liver Transplantation Without Venovenous Bypass. XV World Congress of the Transplantation Society, Tokyo, Japan, August 28-September 2, 1994.
38. Portal Hypertension: Contemporary Approaches. American College of Surgeons, 81st  Annual Clinical Congress. New Orleans, LA, Oct. 22-27, 1995.
39. Choledochal Cyst. Symposium Internacional en Cirugia Pediatrica "In Memoriam" John R. Lilly, Madrid Spain, November 9-11, 1995.
40. Liver Transplantation in Biliary Atresia. Symposium Internacional en Cirugia Pediatrica "In Memoriam" John R. Lilly, Madrid Spain, November 9-11, 1995.
41. Long-Term Results with Kasai's Operation for Biliary Atresia. Western Surgical Association, Chicago, Illinois, November 12-15, 1995.Liver Tumours in Infants and Children. Paediatric Gastroenterology Symposium. Leicester, England. June 20, 1997.
42. Liver Injuries in Children. Multidisciplinary Trauma Lecture Series, Children’s Hospital Colorado, July 21, 1997.
43. Liver Transplantation in Children: Peculiar Aspects. The Brazilian College of Surgeons Meeting, Recife, Brazil, September 25, 1997.
44. Gastroesophageal Reflux. Regional Rounds, South Denver Pediatric Group January 14, 1998.
45. Ethics and Contemporary Pediatric Care: Edge of Life Decision Making, Children’s Hospital Colorado, May 8, 1998. (Panel Discussion).
46. Neonatal Surgical Emergencies, 19th Annual Perinatal Clinical Update, Children’s Hospital Colorado, May 15, 1998.
47. Driveway Crush Injuries: The Most Lethal Mechanism of Blunt Trauma in Young Children, PAPS 31st Annual meeting. June 9-13, 1998, Maui, Hawaii.
48. Abdominal Pain in Children: Collywobbles vs. Surgical Abdomen, Pediatric Surgical Dilemmas for the Primary Care Provider, The Children’s Hospital, August 28, 1998.
49. Biliary Atresia: Surgical Grand Rounds, Long Island Jewish Hospital, New York, November 2, 1998.
50. Neck Masses in Children, Pediatric Rounds, Denver General Hospital, November 12, 1998 and Children’s Hospital Colorado, November 19, 1998.
51. Neonatal Pulmonary Surgery, Neonatal Conference, Children’s Hospital Colorado, April 29, 1999.
52. Blood Utilization In Solid Organ Injuries, Pacific Association of Pediatric Ssurgeons, 32nd Annual Meeting, Beijing, China, May 9-13, 1999.
53. One Stage Posterior Sagittal Anorectoplasty (Primary PSARP) for Treatment of High Imperforate Anus, Pacific Association of Pediatric Ssurgeons, 32nd Annual Meeting, Beijing, China, May 9-13, 1999.
54. Biliary Atresia, American College of Surgeons 85th Annual Clinical Congress, San Francisco, CA, October 10-15, 1999.
55. Chest and Abdominal Injuries, Trauma Conference, Trauma Grand Rounds, Children’s Hospital Colorado, December 7, 1999.
56. Congenital Liver Lesions in the Newborn: Neonatal Conference, Children’s Hospital Colorado, December 23, 1999.
57. Abdominal Wall Abnormalities. Neonatal Conference, Children’s Hospital Colorado, June 22, 2000.
58. Interactive Session on Sports Medicine. Sports Injuries in Children and Pediatric Surgical Dilemmas. Panel Discussion. Presented by the Division of Surgery, Children’s Hospital Colorado, September 22, 2000.
59. Spinal dysraphism and anorectal malformations. Invited lecturer, Alberto Pena Surgical Treatment of Anorectal Malformations, Schneider Children’s Hospital-New York, November 13-15, 2000
60. Spinal dysraphism and anorectal malformations. Neonatal Conference, Children’s Hospital Colorado, February 22, 2001.
61. Abdominal Wall Defects. Presented at the 22nd Annual Perinatal Clinical Update – Recent Advances and Current Controversies, Children’s Hospital Colorado, May 10-11, 2001.
62. Abdominal Wall Defects. Pediatric Grand Rounds, June 20, 2001. Colodny Visiting Professor, Burlington, VT, June 20-22, 2001.
63. Surgery – Biliary Atresia: Past, Present and Future. Surgical Grand Rounds, June 21, 2001. Colodny Visiting Professor, Burlington, VT, June 20-22, 2001
64. Liver Disorders/Transplant. Presented at the 5th Annual Surgical Services Workshop, Children’s Hospital Colorado, February 9, 2002.
65. Karrer FM: Esophageal Varices. Pediatric Surgery: Esophageal Disorders and Anomalies in Infancy and Childhood, American College of Surgeons 88th Annual Clinical Congress Postgraduate Course #29, 2002
66. Teen Trauma/Accidental Death and Injuries. Presented to 7th Grade class at Horace Mann Middle School, Denver Medical Society/DPS Speakers Program. February 25, 2003.
67. What is a Pediatric Surgeon? Presented to University of Colorado Surgical Society, April 8, 2003.
68. Umbilical Peculiarities. Presented at Surgical Grand Rounds, University of Colorado School of Medicine April 11, 2005.
69. Lumps and Bumps of the Head and Neck. Presented to physicians at Littleton Adventist Hospital for the Physician Relations Lecture Series, September 19, 2006.
70. Biliary Stone Disease in Infants and Children. Presented at the 92nd Annual Clinical Congress of the American College of Surgeons, Chicago, IL, October 11, 2006.
71. Tracheoesophageal Fistula. Presented at Neonatal Noon Conference, Children’s Hospital Colorado, October 26, 2006.
72. Liver Transplantation and Liver Surgery. Presented at Pediatric Liver Update, Children’s Hospital Colorado, October 14, 2006.
73. Malrotation and Midgut Volvulus. Presented at Neonatal Noon Conference, Children’s Hospital Colorado, May 17, 2007.
74. Are We Too Focused on Splenic Salvage, 4th Ben Eiseman Lectureship. Denver Academy of Surgery, January 10, 2008.
75. Courage for the Journey, An Event for Saint Mary’s Academy Middle School Boys, January 31, 2008.
76. Infant Stomas, Presented at the Neonatal Noon Conference, Children’s Hospital Colorado, January 24, 2008.
77. Pediatric Trauma In a War Zone: Lessons Learned, Presented at Military Medicine Interest Group, University of Colorado School of Medicine, October 12, 2009.
78. Pediatric Trauma In a War Zone, Presented at Pediatric Trauma Conference, Children’s Hospital Colorado, December 10, 2009
79. Changes in Wound Care in Iraq, Presented to the Association of Perioperative Room Nurses, Presbyterian/St. Lukes Hospital, January 14, 2010.
80. Pediatric Trauma In a War Zone, Visiting Professor at Mayo Clinic, Rochester MNMay 24, 2010.
81. Biliary Atresia: Past, Present, and Future, Visiting Professor at Mayo Clinic, Rochester, MN, May 24, 2010.
82. Biliary Atresia: Past, Present and Future, Presented at Neonatal Noon Conference, Children’s Hospital Colorado, November 17, 2010.
83. Afghanistan: Lessons Learned, Presented at Multidisciplinary Trauma Conference, January 23, 2012
84. Battlefield Medicine, Presented at Eagle County EMS Trauma Mini-Conference, Eagle, CO, February 7, 2012
85. Lessons Learned in Afghanistan, Presented at the 15th Annual Perioperative Services Workshop, February 25, 2012
86. Long Gap Esophageal Atresia, Presented at Neonatal Noon Conference, April 11, 2012
87. Lessons Learned in The Battlefield, Presented at Denver Academy of Surgery, May 16th, 2013
88. Work-up of Infant with Cholestatic Jaundice, Presented at 40th Annual Pediatrics by the Sea, Amelia Island, FL, June 15th, 2013
89. Surgical Options in Cholestatic Jaundice due to Biliary Atresia & Choledochal Cysts, Presented at 40th Annual Pediatrics by the Sea, Amelia Island, FL June 15th, 2013
90. Surgical Jaundice in Infancy, Grand Rounds presentation at the 2013 University of Arizona Residents & Fellows Graduation, Tucson, AZ, Friday June 21st, 2013
91. Lessons from the Battlefield, Keynote Address at the 2013 University of Arizona Residents & Fellows Graduation, Tucson, AZ, Friday June 21st, 2013
92. Foreign Bodies, Presented at Partners in Pediatric Surgical Care Conference at Children's Hospital Colorado, Friday, September 19, 2014
93. “Is it supposed to look like that”? Stomas and Other Surgical Orifices, Presented at Partners in Pediatric Surgical Care Conference, Children's Hospital Colorado, Friday September 18, 2015
94. Hepatopulmonary Syndrome and Portopulmonary Hypertension, Invited keynote speaker for the 7th International Sendai Symposium on Biliary Atresia (ISSBA) at the 54th Annual Congress of the Japanese Society of Pediatric Surgeons (JSPS 2017), Sendai, Japan May 13, 2017
95. Pilonidal Disease, Presented at Partners in Pediatric Surgical Care Conference, Children’s Hospital Colorado, Wednesday, September 20, 2017
96. Kids and Guns, Presented at Pediatric Surgery Symposium, Children's Hospital Colorado, April 16, 2018
97. Kids and Guns, Presented at Partners in Pediatric Surgical Care Conference, Children's Hospital Colorado, September 19, 2018
98. Kids and Guns, Presented at Colorado Pediatric Trauma Conference, Children’s Hospital Colorado, November 19, 2020
99. Surgical Jaundice in Infants & Pediatric Liver Tumors, Presented at 4th Pediatric Surgery Review Course, Webinar from Saudi Arabia, June 12, 2022
100. Kids and Guns, Presented to 49th Annual Rocky Mountain Trauma and Emergency Medicine Conference,

 Breckenridge, Colorado, June 6, 2023

**ABSTRACTS, LETTERS TO THE EDITOR, DISCUSSIONS:**

1. Rhenman B, Karrer FM, Buckley AR Jr, Steinbronn K, Putnam CW: Galactosamine induced hepatitis in rats: Role of recovery influenced by EACA, putreseine and DFMO (abstract). Hepatology 3:833, 1983.
2. Putnam CW, Karrer FM, Rhenman B, Schiffman RB, Steinbronn KK, Buckley AR Jr: Galactosamine hepatotoxicity and the regenerating canine liver (abstract). Falk Foundation Symposium #38, Mechanism of Hepatocyte Injury and Death, 1984.
3. Stiegmann GV, Stellin G, Karrer FM, Lilly JR: Endoscopic sclerosis of esophageal varices in children (abstract). Gastrointestinal Endoscopy 31(2):137, 1985.
4. Stellin GP, Karrer FM, Toyama WM, Lilly JR: Biliary agenesis (abstract). Hepatology 6:1218, 1986
5. Flannery AM, Karrer FM, Raffensperger JM, McLone DG: Spinal dysraphic syndrome associate with anorectal anomalies (abstract). Proceedings of the International Society for Paediatric Neurosurgery 6:13, 1987.
6. Karrer FM: The anencephalic controversy (letter to editor). Pediatrics 83(Suppl):641-642, 1989.
7. Kam I, Karrer FM, Schroter G: “Liver transplantation,” Colorado Chapter of the American College of Surgeons Meeting, May 12-13-1989, Colorado Springs, Colorado. (abstract)
8. Karrer FM and Lilly JR: Surgery for biliary atresia (letter to editor). Lancet 335(8681):110, 1990.Karrer FM: Advances in pediatric liver transplantation (discussion). Pediatric Update 1(4):10, 1990.
9. Karrer FM: Discussion of Wood RP, Langnas AN, Stratta RJ, Pillen TJ, Williams L, Lindsay S, Meliergerd D, Shaw BW: Optimal therapy for patients with biliary atresia: Portoenterostomy ("Kasai" procedures) versus primary transplantation. Journal of Pediatric Surgery 25(1):153-162, 1990.
10. Kam I, Everson G, Sokol R, Schroter G, Lawton C, Armstead V, Karrer FM: Liver transplant activity of 1st year program at UCHSC. (abstract) Colorado Chapter-American College of Surgeons. May 11-12, 1990.
11. Sokol RJ, Karrer FM, Narkewicz MR, Johnson KE, Schroter GPJ, Kam I: Use of water-soluble vitamin E to improve Cyclosporine (CS) absorption in pediatric liver transplantation patients. (abstract) Hepatology 1990; 12:865.
12. Karrer FM: Discussion of Davidoff AM, Thompson CV, Grimm JK, et al: Occult spinal dysraphism in patients with anal agenesis. Journal of Pediatric Surgery 26:1001-1005, 1991.
13. Suleymanlar I, Suleymanlar G, Chan L, Everson G, Karrer F, Schroter G, Kam I: Early postoperative renal failure predicts survival after orthotopic liver transplantation. (abstract) American Association for the Study of Liver Diseases. June 28, 1991.
14. Karrer FM and Lilly JR: Liver transplantation in children (letter to editor). British Medical Journal 304:396-397, 1992.
15. Karrer FM: Biliary atresia and the polysplenia syndrome (letter to editor). Journal of Pediatric Surgery 27(4):540, 1992.
16. Sokol RJ, Twedt D, Devereaux MW, Karrer FM, Kam I, Hambidge KM: Role of free radicals in copper hepatotoxicity: Evidence from the Bedlington terrier and Wilson’s disease patients. (abstract) 1992 AASLD Annual Meeting, Chicago, IL; Hepatology 1992; 16:159A.
17. Mandell S, Karrer FM, Everson G, Urban K, Kam I: Selective use of venous-venous bypass in liver transplantation. (abstract) 2nd Congress of the International Liver Transplantation Society, Oct 6-8, 1993.
18. Karrer FM: Discussion of Mitra SK, Rao KLN, Narasimhan KL, et al: Side-to-side lienorenal shunt (SSL) without splenectomy in non-cirrhotic portal hypertension in children. (abstract) Journal of Pediatric Surgery 28(3):401, 1993.
19. Karrer FM, Lilly JR: Correction of biliary atresia and jejunal atresia (letter to editor). Journal of Pediatric Surgery 28(8):1082-1083, 1993.
20. Sokol RJ, Devereaux MW, Narkewicz MR, Karrer FM, Kam I, Hambidge KM: Free radical alteration of hepatic mitochondrial lipids in end-stage liver disease. (abstract) Pediatric Res 1993; 33:110A. (Abstract)
21. Karrer FM: What is the correct operation in 1994 for cavernous transformation of the portal vein when operation seems mandatory? Correspondence Society of Surgeons Collected Letters 17(4):1-8, April 1994.
22. Karrer FM: Discussion of Peclet MH, Ryckman FC, Pedersen SH, et al: The spectrum of bile duct complications in pediatric liver transplantation. Journal of Pediatric Surgery 29(2):214-220, 1994.
23. Everson G, Bilir BM, Kam I, Karrer F, Mandell S, Katz J, Stegall M, Schroter G, Steinberg T: Influence of age on patient outcome and graft survival after liver transplantation. (abstract) American Association for the Study of Liver Diseases, November 11-15, 1994.
24. Sokol RJ, Narkewicz MR, Karrer FM, Smith D, Lilly JR: Use of rifampin for severe pruritus in children with chronic cholestasis. (abstract) Hepatology 20: 178A, 1994.
25. Sokol RJ, Narkewicz MR, Greene C, Karrer FM, Vladutiu GD, DiMauro S: Successful liver transplantation for fulminant hepatic failure in infants with severe lactic acidosis caused by hepatic mitochondrial electron transport defect. (abstract) Hepatology 20: 402A, 1994

26. Sokol RJ, Narkewicz MR, Greene C, Karrer FM, Vladutiu GD, DiMauro S: Successful liver transplantation for fulminant hepatic failure in infants with severe lactic acidosis caused by hepatic mitochondrial electron transport defect. (abstract) Hepatology 20: 402A, 1994.

27. Bilir BM, Durham JD, Kumpe DA, Karrer F, Hanks T, Ostrowska A, Kam I, Trujillo N, Lear J, Trouillot T, Shrestha R, Everson GT: Critical analysis of intrasplenic transplantation of cryopreserved human hepatocytes in a patient with acute liver failure. (abstract) Hepatology, 22(4):203A, 1995.

1. Bilir BM, Ostrowska A, Hanks T, Karrer F: Controlled rate freezing of hepatocytes: A step closer to human hepatocyte transplantation and human hepatocyte banking. (abstract) Hepatology, 22(4):211A, 1995.
2. Bilir BMN, Hanks T, Ostrowska A, Karrer F: Age-dependent repression of alpha 2 urinary-globulin in rat hepatocytes in reversible and influenced by the age of the organism rather than the age of the transplanted hepatocytes. (abstract) Hepatology 22(4):212A, 1995.
3. Bennet J, Bilir BM, Shrestha R, Kam I, Stegall M, Karrer F, Katz J, Mandell S, Everson GT: Recovery from central pontine myelinolysis in patients with hepatic failure and orthotopic liver transplantation. (abstract) Hepatology 22(4):394A, 1995.
4. Sokol RJ, Tyler KL, Oberhaus S, Low R, Le M, Smith D, Tyson RW, Lilly JR, Karrer FM, Narkewicz MR, Brown WR: Presence of reovirus RNA in biliary tissues of children with choledochal cysts (abstract). Hepatology 24(4):171A, 1996.
5. Sokol RJ, Tyler KL, Oberhaus S, Low R, Le M, Smith D, Tyson RW, Lilly JR, Karrer FM, Narkewicz Brown WR: Association between Reovirus RNA and childhood choledochal cysts. (abstract) Journal Pediatric Gastroenterol Nutr 1996; 23:344.
6. Stegall MD, Everson GT, Wachs M, Schroter G, Karrer FM, Bilir B, Shrestha R, Kam I: Prednisone withdrawal 14 days after adult liver transplantation with mycophenolate mofetil. (abstract) Hepatology 24(4):174A, 1996.
7. Bharadhwaj G, Everson G, Bilir B, Shrestha R, Kam I, Karrer FM, Wachs M, Stegall M, Schroter G, Steinberg T, Ford C, Beresford T: Relapse to alcohol consumption in liver transplant recipients followed for more than one year: Early analysis of a comprehensive psychosocial evaluation. (abstract) Hepatology 24(4):244A, 1996.
8. Bilir B, Durham JD, Krystal J, Karrer FM, Kumpe D, Ostrowska A, Guenette D, Trouillot T, Shrestha R, Taylor S, Kam I, Everson G: Transjugular intra-portal transplantation of cryopreserved human hepatocytes in a patient with acute liver failure. (abstract) Hepatology 24(4):308A, 1996.
9. Karrer FM: Long-term results with kasai's operation for biliary atresia (letter to the editor). Archives of Surgery 1996; 131:1235.
10. Narkewicz MR, Karrer FM, Smith D, Orban-Eller K, Krebs NF, Sokol RJ. Effect of OLT on zincuria and plasma zinc in children with liver disease. (abstract) Journal Pediatric Gastroenterol Nutr 1996; 23:352.
11. Karrer FM: Discussion of Azarow KS, Phillips J, Sandler AD, Hagerstrand I,Superina R, et al: Biliary Atresia: Should all Patients Undergo a Portoenterostomy? Journal of Pediatric Surgery 32(2): 173, 1997.
12. Agarwal R, Simpson VJ, Merritt G, Newton M, Weigers K, Karrer FM: Early extubation after pediatric liver transplantation. Pediatric Anesthesiology Meeting, Feb. 1997, San Antonio, TX. (abstract)
13. Pellegrin K, Bensard D, Karrer FM: Assessment of CT scan in diagnosing pancreatic injuries in Children. (abstract) Annual Meeting of the Colorado Chapter of the American College of Surgeons, June 12-14, 1997.
14. Trouillot TE, Stegall M, Bilir B, Shrestha R, Kam I, Schroter G, Karrer FM, Wachs M, Ford C, Steinberg T, Everson GT: Successful prednisone withdrawal after liver transplantation in patients with autoimmune chronic active hepatitis. (abstract) 15th Annual Scientific Meeting, May 10-14, 1997, and Fourth Congress International Liver Transplantation Society, October 15-17, 1997.
15. Everson GT, Bharadhwaj G, House R, Talamantes M, Bilir B, Shrestha R, Kam I, Wachs M, Karrer FM, Fey B, Ray C, Steinberg T, Morgan C, Beresford T: Liver transplantation for alcoholic liver disease: Long-term results. (abstract) 15th Annual Scientific Meeting, May 10-14, 1997 and Fourth Congress International Liver Transplantation Society, Seattle, WA, October 15-17, 1997.
16. Karrer FM, Ostrowska A, Bilir B, Stegall M, Wachs M, Gill R, Kam I: Cryopreserved hepatocytes are poor stimulators of in vitro cytotoxicity (abstract). Transplantation Proceedings, 29(1-2): 1111-2, Feb-March 1997
17. Sokol RJ, Tyler KL, Oberhaus S, Low R, Le M, Smith D, Tyson RW, Lilly JR, Karrer FM, Narkewicz MR, Brown WR: Detection of reovirus RNA by nested RT-PCR in hepatobiliary tissues of infants with biliary atresia (abstract). Gastroenterology, 112:Al386, 1997.
18. Yerushalmi B, Sokol RJ, Narkewicz MR, Smith D, Karrer, FM: Efficacy of Rifampin treatment for severe pruritus in children with chronic cholestasis. (abstract) J Pediatr Gastroenterol Nutr. 1999 Oct;29(4):442-7

46. Shrestha R, Wachs M, Kam I, Karrer FM, Steinberg T, Morgan C, Bilir B, Trouillot T, Everson

 GT: Endoscopic management of biliary anastomotic strictures after orthotopic liver

 transplantation. (abstract) Hepatology, 26(4): 598A October 1997.

47. Feranchak AP, Tyson RW, Narkewicz MR, Karrer FM, Sokol RJ. Successful liver

 transplantation in a child with fulminant hepatic failure due to primary Epstein-Barr

 infection. (abstract) Journal of Pediatric Gastroenterology Nutrition 1997; 25:480.

48. Partrick DA, Bensard DD, Moore EE, Karrer FM, Terry SJ: Ultrasound is a cost-effective triage

 tool to evaluate blunt abdominal trauma in the pediatric population. (abstract) J Trauma, 45:57-63, July 1998.

49. Miga DP, Sokol RJ, MacKenzie T, Narkewicz MR, Smith D, Karrer FM, Lilly JR. Survival after

 first esophageal variceal hemorrhage in children with biliary atresia. (abstract) Hepatology

 1998;28: 522A.

50. Bass KD, Bensard DD, Karrer FM: Avoiding the hazards of PEG in children: Laparoscopic

 gastrostomy is a safe alternative, (abstract). Annual Meeting of the Colorado Chapter of the

 American College of Surgeons, Breckenridge, June 1998.

51. Barnett C, Wachs M, Karrer FM, Kam I: A novel use of the harmonic scalpel: Hepatectomy,

 (abstract). Annual Meeting of the Colorado Chapter of the American College of Surgeons,

 Breckenridge, June 1998

52. Miga DP, Sokol RJ, Smith D, MacKenzie T, Narkewicz MR, Lilly JR, Karrer FM: Relationship

 of serum bilirubin concentration to outcome after first esophageal variceal hemorrhage in children

 with biliary atresia. (abstract) Hepatology, October 1998.

53. Partrick DA, Bensard DD, Moore EE, Karrer FM, Terry SJ: A critical analysis of the operative

management of injured children at an adult level I trauma center. (abstract) Western Trauma
Association, Annual Meeting February, 1998, Lake Louise, Alberta, Journal of Trauma 1998.\

54. Glaser S, Hemphill N, Mayer K, Rapstine T, Karrer FM, Bensard DD: Dangerous at any speed: Results of a baby walker injury prevention program in a pediatric population.(abstract). Society of Pediatric Nurses, Orlando, FL. May 1998.

55. Sokol RJ, Narkewicz MR, Rowe DT, Orban-Eller K, Christopher M, Dovel D, Kam I, Wachs M, Karrer FM: Epstein-Barr Virus (EBV) DNA levels in pediatric liver transplantation (OLT) patients. (abstract) Third International Congress on Pediatric Transplantation, July, 1998

56. Sokol RJ, Narkewicz MR, Karrer FM, Hoffenberg EJ, Sondheimer JM, Wachs ME, Kam I: Outcome of Acute Hepatic Failure in Children. (abstract) Journal Pediatric Gastroenterol Nutr. 1997; 25:48.

57. Partrick DA, Bensard DD, Moore EE, Calkins CM, Karrer FM: Cervical spine trauma in the injured child: A tragic injury with potential for salvageable functional outcome. (abstract) 33rd Annual Meeting of the Pacific Association of Pediatric Surgeons, Las Vegas, Nevada, May 15-19, 2000.

58. Grampsas SA, Koyle MA, Shames BD, Furness PD III, Karrer FM: The extraperitoneal placement of renal allografts in children less than 15 kilograms body weight. (abstract) First Congress of the International Pediatric Transplant Association, Venice, Italy, August 23-25, 2000.

59. Graham DK, Stork LC, Wei, Q, Ingram JD, Karrer FM, Lovell MA: Molecular genetic analysis of a small bowel primitive neuroectodermal tumor. (abstract) Submitted to Pediatr & Develop Path, December 21, 2000.

60. Lui E, Dobyns E, Narkewicz MR, Karrer FM, Sokol RJ: Acute hepatic failure in children: A seven year experience at a children's hospital. Hepatology 34(4): 197A, 2001

61. Hendrickson RJ, Bensard DD, Partrick DA, Calkins CM, Karrer FM, Janik JS, Offner PJ: Female Survival Advantage Following Trauma is not Observed in Prepubertal or Pubescent Children. (abstract) The Western Trauma Association 32nd Annual Scientific Meeting, Black Combe, Canada, February 24 – March 2, 2002

61. Kurbegov AC, Haas J, Mierau G, Narkewicz M, Bancroft JD, Karrer JF: Improved Liver Histology and Biliary Bile Acid Secretion and Composition Following Partial External Biliary Diversion in Patients with Progressive Familial Intrahepatic Cholestasis (abstract) American Gastroenterological Annual Meeting, San Francisco, California, May 21, 2002

62. Ricci LR, Barsness KA, Bensard DD, Partrick DA, Karrer FM, Strain JD: Letter to the editor [1] (multiple letters). Journal of Trauma – Injury, Infection and Critical Care 56 (1), 2004; 80-82, (3) 2004; 721-722.

63. Sokol RJ, Murray K, Boyd J, Thompson H, Shepherd R, Mack CL, Karrer FM, Duncan M: Upregulation of redox pathway proteins in livers from infants with parenteral nutrition-associated liver disease (PNALD). (abstract) North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Scientific Meeting, June, 2007.

64. Sokol RJ, Boyd J, Shepherd R, Karrer FM, Mack CL, Duncan MW: Comparative proteomic analysis of parenteral nutrition-associated liver disease (PNALD) in infants with intestinal failure. 58th Annual Meeting of the AASLD, October 2007, Hepatology Volume: 46

65. Complicated Appendicitis in Children: A Clear Role for Drainage and Delayed Appendectomy. (abstract) Southwestern Surgical Congress, 2007

66. Roach JP, Partrick DA, Bensard DD, Sirotnak AP, Handler MH, Wilkinson CC, MD, Karrer FM, Ziegler MM: Head injury pattern in children differentiates accidental from non-accidental trauma.

 (abstract) Western Trauma Association, 2007.

67. Gralla J, Dovel DJ, Ford DM, Cadnapaphornchai MA, Lum GM, Karrer FM: Late Renal

 Allograft Loss in Children: Influence of Age and Gender. (abstract) American Journal

 Transplantation, 2009; 9: 715.

68. Wood, JH, Partrick DA, Hays T, Sauaia A, Karrer FM, Ziegler MM: Contemporary Pediatric

 Splenectomy: Indications, Operative Approaches, and Clinical Outcomes. (abstract) 117th

 Scientific Session of the Western Surgical Association, San Antonio, Texas, November 2009

69. Wood JH, Partrick DA, Grover TA, Karrer FM, Ziegler MM: Necrotizing Enterocolitis after

 Gastroschisis Repair: Modifiable Risk Factors. (abstract) American Academy of

 Pediatrics Annual Meeting, October 2010.

70. Cadnapaphornchai MA, Soranno D, Ford DM, Lum GM, Karrer FM: Characteristics and

 Outcomes of Pediatric Atypical Hemolytic Uremic Syndrome at a Tertiary Care Center. (abstract)

 Submitted to the American Society of Nephrology Annual Meeting, November 2010.

71. Karrer FM, Tsai T: Reducing Radiation Exposure: Clinical Features and Reliability of a

 Sonographically Normal Appendix in Ruling out Pediatric Acute Appendicitis (discussion)

 Western Surgical Association, November 7-10 , 2010, Chicago, Illinois

72. Superina R, Magee J, Healey P, Tiao G, Ryckman F, Karrer FM, Li Y, Moore J, Brandt ML,

 Wang KS: The Anatomic Pattern of Biliary Atresia Identified At Time Of Kasai

 Hepatoportoenterostomy And Early Postoperative Clearance Of Jaundice Are Significant

 Predictors Of Transplant-free Survival (abstract) American Surgical Association 131st Annual

 Meeting Boca Raton, FL April 14-16, 2011.

73. Brindley, SM, Lanham AM, Karrer FM, Tucker RM, Fontenot AP, Mack CL: Cytomegalovirus

 specific T cell reactivity in biliary atresia at the time of diagnosis is associated with deficits in

 regulatory T cells. (abstract) Hepatology. November 22, 2011.

74. Acker S, Bruny J, Narkewicz M, Roach J, Rogers A, Karrer FM: Preoperative imaging does not

predict in transhepatic involvement in choledochal cysts. (abstract) Pacific Association of Pediatric Surgeons 45th Annual Meeting. Hunter Valley Australia. April 7-11, 2013.

75. Karrer FM. Discussion of Chedid, M, Muthu C, Nyberg S, Lesnick T, Kremers W, Prieto M, Heimbach J, Chow G, Stegall M, Dean P: Living donor kidney transplantation using laparoscopically procured multiple renal artery kidneys and right kidneys. Journal of the American College of Surgeons, 2013; 217(1): 144-152. Presented at the Western Surgical Association 120th Scientific Session, Colorado Springs, CO, November 2012.

76. Conzen K, Chirichella T, Roach J, Karrer F, Wachs M: Portosystemic Shunt Ligation Improves Portal Venous Inflow in Whole Allograft Pediatric Liver Transplantation (abstract). American Transplantation Congress. 2015?

77. Karrer FM: Hepatopulmonary syndrome and portopulmonary hypertension in biliary atresia. (abstract) The 7th International Sendai Symposium on Biliary Atresia – Abstracts and Summaries of Session Chairs. May 13-14, 2017.

78. Yoeli D, Choudhury R, Sundaram S, Roach J, Karrer F, Wachs M, Adams M: Primary liver transplantation for biliary atresia: A review of the national experience. ASTS Winter Symposium 2019

79. Karrer, FM: Biliary atresia & choledochal cyst. 4th Pediatric Surgery Review Course. June 12, 2022. Presented virtually via Zoom link

80. Karrer, FM: Liver tumors – An overview. 4th Pediatric Surgery Review Course. June 12, 2022. Presented virtually via Zoom Link

81. Karrer, FM: Medical Consequences of Radiation Injury and Nuclear Warfare. Children’s Pediatric Trauma Conference, November 16-17, 2022

82. Karrer, FM: Discussion of Hill AL, Vachharajani N, Martens GR, Kiani A, Oumba F, Chapman WC, Doyle MBM, Khan AS: ABO Incompatible Liver Transplantation is Feasible for Sicker Pediatric Patients, presented at the Western Surgical Association 131st Scientific Session, Nov 4, 2023, Laguna Cliffs, CA

**POSTERS AND AUDIOVISUAL EXHIBITS:**

1. Karrer FM, Hall RJ, Stewart A, Lilly JR: Biliary Atresia Registry (poster). Pediatric Clinical Research Center Poster Session for NIH Review, University of Colorado School of Medicine, Denver, Colorado, October 12, 1987.
2. Holland RM, Stewart BA, Karrer FM, Lilly JR: Endorectal pull-through operation for massive rectal trauma in children (poster). American Pediatric Surgical Association-23rd Annual Meeting, Colorado Springs, Colorado, May 14, 1992.

3. Karrer FM, Koyle MA, Caldwell S, Stork L: Kidney salvage by portal venous decompression (poster). American Pediatric Surgical Association 23rd Annual Meeting, Colorado Springs, Colorado, May 14, 1992.

4. Karrer FM, Hall RJ, Lilly JR, Stiegmann GV: Endoscopic variceal ligation in children (poster). American Pediatric Surgical Association 23rd Annual Meeting, Colorado Springs, Colorado, May 14, 1992.

5. McIntyre RC, Lilly JR, Hall RJ, Karrer FM: Development of an animal model for ileoanal pouchitis (poster). American Pediatric Surgical Association 23rd Annual Meeting, Colorado Springs, Colorado, May 14, 1992.

1. Sokol RJ, Twedt D, Devereaux MW, Karrer FM, Kam I, Hambidge KM: Role of free radicals in copper hepatotoxicity: Evidence from the Bedlington terrier and Wilson’s disease patients. Present at Poster Session at 1992 AASLD Annual Meeting, Chicago, IL.

7. McIntyre RC, Lilly JR, Hall RJ, Karrer FM: The diaphragm in acute gastric volvulus (poster). American Pediatric Surgical Association 23rd Annual Meeting, Colorado Springs, Colorado, May 14, 1992.

8. Karrer FM, Reitz BL, Hao L, Lafferty KJ: Fluorescein labeling of murine hepatocytes for identification after intrahepatic transplantation (poster). First International Congress of the Cell Transplant Society, Pittsburgh, Pennsylvania, June 1, 1992.

1. Lilly JR, Karrer FM, Holland RM: The surgery of choledochal cyst (video). American College of Surgeons 1992 Clinical Congress, Cine Clinics Motion Picture Session.
2. Karrer FM, Kam I: Surgical therapy for portal hypertension. Transplantation (videodisc), in Durham J, Laberge, Venbrux, Darcy (eds): Portal hypertension: Diagnosis and treatment. CIRREF Videodisc II, 1992.
3. Rothenberg SS, Allshouse MJ, Holland RM, Karrer FM: Thoracoscopic rejection of an esophageal duplication cyst (video). American College of Surgeons 1993 Clinical Congress, Cine Clinics Motion Picture Session, San Francisco, October 11-15, 1993.
4. Karrer FM, Kam I, Brandt C: Budd-chiari syndrome after reduced-size liver transplantation (poster). Pediatric Transplantation, Minneapolis, Minnesota, August 29-September 1, 1993.
5. Mandell S, Karrer FM, Everson G, Urban K, Kam I: Selective use of venous-venous bypass in liver transplant (poster). International Liver Transplant Society, Toronto, Canada, October 6-8, 1993.
6. Bilir BMN, Hanks T, Ostrowska A, Karrer F: Age-dependent repression of alpha 2 urinary-globulin in rat hepatocytes in reversible and influenced by the age of the organism rather than the age of the transplanted hepatocytes (poster). 46th Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, Illinois, November 3-7, 1995.
7. Bilir BM, Ostrowska A, Hanks T, Karrer F: Controlled rate freezing of hepatocytes: A step closer to human hepatocyte transplantation and human hepatocyte banking (poster). 46th Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, November 3-7, 1995.
8. Bilir BM, Durham JD, Kumpe Da, Karrer F, Hanks T, Ostrowska A, Kam I, Trujillo N, Lear J. Trouillot T. Shrestha R, Everson GT: Critical analysis of intrasplenic transplantation of cryopreserved human hepatocytes in a patient with acute liver failure (poster). 46th Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, November 3-7, 1995.
9. Trouillot T, Stegall M, Bilir B, Shrestha R, Kam I, Schroter G, Karrer F, Wachs M, Ford C, Steinberg T, Everson G: Successful Steriod Withdrawal After Orthotopic Liver Transplantation in Patients with Autoimmune Chronic Active Hepatitis. The American Society of Transplant Physicians, 15th Annual Scientific Meeting, May 26-29, 1996; Dallas, Texas.
10. Taylor S, Shrestha R, Bilir B, Wachs M, Karrer F, Kam I, Stegall M, Ford C, Steinberg T, Schroter G, Everson G: Internalized biliary stenting reduces the incidence of biliary tract complications after liver transplantation. American Society of Transplant Physicians, 15th Annual Scientific Meeting, May 26, 1996; Dallas, Texas.

19. Bharadhwaj G, Everson G, Bilir B, Shrestha R, Kam I, Karrer F, Wachs M, Stegall M, Schroter G, Steinberg T, Ford C, Beresford T: Relapse to alcohol consumption in liver transplant recipients followed for more than one year: Early analysis of a comprehensive psychosocial

evaluation. American Association for the Study of Liver Diseases, November 8-12, 1996, Chicago, Illinois.

1. Bilir B, Durham JD, Krystal J, Karrer F, Kumpe D, Ostrowska A, Guenette D, Trouillot T, Shrestha R, Taylor S, Kam I, Everson G: Transjugular intra-portal transplantation of cryopreserved human hepatocytes in a patient with acute liver failure. American Association for the Study of Liver Diseases, November 8-12, 1996, Chicago, Illinois.
2. Bensard DD, Partrick DA, Ford A, Karrer FM: Laparoscopic dialysis catheter insertion ensures catheter location and reduces mechanical malfunction in children. (poster) 33rd Annual Meeting of the Pacific Association of Pediatric Surgeons, Las Vegas, Nevada, May, 15-19, 2000.
3. Hayes KL. Karrer F, Fenton LZ: Case Report: Indolent Malignant PEComa. Society of Pediatric Radiology Meeting. Poster. May 2015
4. Adams M, Pshak T, Roach J, Karrer F, Wachs M: Intraoperative Management of Competitive Portosystemic Shunts During Pediatric Liver Transplantation Using Intraoperative Portal Venous Flow Volume Measurements (Poster), American Society of Transplant Surgeons-Winter Symposium, Miami, FL, 2018
5. Derderian SC, Benge MJ, Karrer FM, Acker SN, Roach JP: Filling the Gap: Objective Data to Guide Pediatric Surgery Applicants Who Do Not Match on the First Attempt (Poster), American Pediatric Surgical Association, Boston, MA. May 2019

**BOOK CHAPTERS:**

1. Lilly JR, Karrer FM: Bile duct diseases in children. In Surgical Disease of the Liver in Childhood. American College of Surgeons, Postgraduate Course #9, 1985.

2. Lilly JR, Haase GM, Karrer FM: Surgical treatment of pediatric digestive disease. In Moody FG (ed): Surgical Treatment of Digestive Disease, Chicago Year Book Medical Publishers, Inc., 1986, pp 96-111.

1. Karrer FM, Lilly JR, Uceda JE: Pediatric surgery. In FMGEMS Comprehensive Examination Review, 7th edition, Medical Examination Publishing Co. Inc., New Hyde Park, 1986.
2. Karrer FM: Hypertrophic pyloric stenosis (Chapter 80), Intussusception (Chapter 84), Congenital diaphragmatic hernia (Chapter 85). In Abernathy C, Abernathy B (eds): Surgical Secrets, Hanley and Belfus, Philadelphia, 1986.
3. Karrer FM, Raffensperger JG: Biliary atresia. In Raffensperger JG (ed): Swenson's Pediatric Surgery, 5th edition, Appleton-Century-Crofts, New York, 1990, pp 649-660.

6. Lilly JR, Hernandez-Cano AM, Hall RJ, Karrer FM, Schröter GPJ: The surgery of biliary atresia. In Balesteri W, Stocker T (eds): Pediatric Hepatology, Hemisphere Publishing Co., Washington, D.C., 1990, pp 19-27.

1. Karrer FM: Hypertrophic pyloric stenosis (Chapter 82), Intussusception (Chapter 86), Congenital diaphragmatic hernia (Chapter 87); In Abernathy C, Harken A (ed) Surgical Secrets, 2nd edition, Hanley and Belfus, Philadelphia, 1991.
2. Karrer FM, Lilly JR: Imperforate Anus (Chapter 88); Hall RJ, Karrer FM, Kam I: Liver Transplantation (Chapter 91). In Abernathy C, Harken A (ed) Surgical Secrets, 2nd edition, Hanley and Belfus, Philadelphia, 1991.
3. Karrer FM and Lilly JR: Biliary atresia. In Grosfeld JL (ed): Common Problems in Pediatric Surgery, Year Book Medical Publishers, Chicago, 1991, pp 197-205.
4. Karrer FM: Results with portoenterostomy for biliary atresia. In Hoffman MA (ed): Medical Intelligence Unit: Current Controversies in Biliary Atresia. R.G. Landes Company, Austin, 1992, pp 73-80.
5. Hall RJ, Karrer FM, Lilly JR: Tracheoesophageal fistula. In Norton LW, Steel G, Eiseman B (eds): Surgical Decision Making, 3rd edition, WB Saunders Company, Philadelphia, 1992, pp 238-239.
6. Karrer FM and Lilly JR: Neonatal bowel obstruction. In Norton LW, Steel G, Eiseman B (eds): Surgical Decision Making, 3rd edition, WB Saunders Company, Philadelphia, 1992, pp 242-245.
7. Karrer FM, Lilly JR, Hall RJ: Biliary tract disorders and portal hypertension. In Ashcraft KW and Holder TM (eds): Pediatric Surgery, 2nd edition, WB Saunders Company, Philadelphia, 1993, pp 478-504.
8. Hall RJ, Karrer FM, Lilly JR: Liver tumors in children. In Blumgart LH (ed): Surgery of the Liver and Biliary Tract, 2nd edition, Churchill Livingstone, London, 1994, pp 1371-1384.
9. Karrer FM, Sartorelli KH, Lilly JR: Management of portal hypertension. In Spitz L and Coran AG (eds): Rob & Smith's Operative Surgery, Pediatric Surgery, 5th edition, Chapman & Hall Medical, London, 1995, pp 535-550
10. Karrer FM and Lilly JR: Portal hypertension in children. In Ernst CB and Stanley JC (eds): Current Therapy in Vascular Surgery, 3rd edition, Mosby-Year Book Inc., Philadelphia, 1995, pp 759-763.
11. Karrer FM, Schröter GPJ, Lilly JR: Hepatic cysts. In Puri P (ed): Operative Newborn Surgery, Heinemann Medical Books, London, 1996, 443-446.
12. Schröter GPJ, Karrer FM, Lilly JR: Pyogenic liver abscess in the neonate. In Puri P (ed): Operative Newborn Surgery, Heinemann Medical Books, London, 1996, 440-442.
13. Karrer FM and Bensard DD: Hypertrophic Pyloric Stenosis (Chapter 79). In Harken AH & Moore, EE (eds): Surgical Secrets, 3rd edition, Hanley and Belfus Inc., Philadelphia, 1996, 267-269.
14. Bensard DD and Karrer FM: Intussusception (Chapter 83), Congenital diaphragmatic hernia (Chapter 84). In Harken AH & Moore, EE (eds): Surgical Secrets, 3rd edition, Hanley and Belfus, Inc., Philadelphia, 1996, 276-282.
15. Sartorelli KH, Karrer FM: Imperforate Anus (Chapter 85), Abdominal Masses and Tumors (Chapter 86), Congenital cysts and sinuses (Chapter 87). In Harken AH & Moore, EE (eds): Surgical Secrets, 3rd edition, Hanley and Belfus, Inc., Philadelphia, 1996, pp 282-285.
16. Stegall MD, Karrer FM, and Kam I: Liver Transplantation (Chapter 88). In Harken AH & Moore, EE (eds): Surgical Secrets, 3rd edition, Hanley and Belfus, Philadelphia, 1996, 287-288.
17. Karrer FM, Lilly JR: Biliary atresia (Chapter 86). In Oldham R , Foglia R, Colombani PM (eds): The Surgery of Infants and Children: Scientific Principles and Practice. J. B. Lippincott Company, Philadelphia, 1997, pp 1395-1403.
18. Karrer FM, Bensard D: Biliary Atresia (Chapter 39). In Glick P, Irish M, Caty M, Pearl R, (eds): Pediatric Surgery Secrets. Hanley & Belfus Inc., Philadelphia, PA, 1999, pp 167-168.
19. Karrer FM, Bensard D: Imperforate Anus. (Chapter 84), Congenital Diaphragmatic Hernia. (Chapter 86), Abdominal Tumors. (Chapter 87) Congenital Cysts & Sinuses of the Neck. (Chapter 88) In Harken AH & Moore, EE (eds): Surgical Secrets, 4th edition, Hanley & Belfus, Philadelphia, PA, 2000, pp 280-288.
20. Bass KD and Karrer FM: Tracheoesophageal Fistula. In Norton LW, Stiegmann GV, Eiseman B (eds): Surgical Decision Making, 4th edition, W.B. Saunders, Philadelphia, PA, 2000, pp 254-255.
21. Karrer FM and Bass KD: Surgical Jaundice in Infancy. In Norton LW, Stiegmann GV, Eiseman B, (eds): Surgical Decision Making, 4th edition, W.B. Saunders, 2000, pp.268-269.
22. Calkins CC, Karrer FM: Duodenal Atresia. eMedicine, Pediatrics Medicine, World Library, 2001, <http://www.emedicine.com/ped/topic2777.htm>
23. Karrer FM and Pence JC: Biliary Atresia and Choledochal Cyst (Chapter 69). In Ziegler MM, Azizkhan RG, Weber TR (eds): Operative Pediatric Surgery, McGraw-Hill, 2003, pp 775-788.
24. Garrett Z, Karrer FM: Choledochal Cyst (Chapter 10). In Mattei P, (eds): Surgical Directives: Pediatric Surgery, Lippincott William & Wilkins, New York, NY, 2002, pp.100
25. Karrer FM, Hendrickson RJ: Tracheoesophageal Fistula/Esophageal Atresia (Chapter 107). In McIntyre RC, Stiegmann GV, Eiseman B, (eds): Surgical Decision Making, 5th edition, W.B. Saunders, Philadelphia, 2004, pp.370.
26. Karrer FM, Hendrickson RJ: Surgical Jaundice in Infancy (Chapter 112). In McIntyre RC, Stiegmann GV, Eiseman B, (eds): Surgical Decision Making, 5th edition, W.B. Saunders, Philadelphia, 2004, pp. 390.
27. Karrer FM, Bensard D: Imperforate Anus. (Chapter 84), Abdominal Tumors. (Chapter 87) Congenital Cysts & Sinuses of the Neck. (Chapter 88) In Harken AH & Moore, EE (eds): Surgical Secrets, 5th ed., Hanley & Belfus, Inc., Philadelphia, PA, 2004, pp 305-312.
28. Karrer FM: Management of Portal Hypertension (Chapter 63). In Spitz L, Coran A (eds): Operative Pediatric Surgery, 6th edition, Edward Arnold Limited, London UK, 2006, pp 645-653.
29. Petty JK, Karrer FM: Liver Resections (Chapter 68). In Spitz L, Coran A (eds): Operative Pediatric Surgery, 6th edition, Edward Arnold Limited, London UK, 2006, pp 689-702.
30. Karrer FM, Bensard D: Imperforate Anus. (Chapter 84), Abdominal Tumors. (Chapter 87), Congenital Cysts & Sinuses of the Neck. (Chapter 88). In Harken AH & Moore, EE (eds): Surgical Secrets, 6th edition. Hanley & Belfus, Inc., Philadelphia, PA, 2007.
31. Karrer FM: Complications of Hepatobiliary Surgery (Chapter 17). In Caty M (ed): Complications in Pediatric Surgery, 1st edition, CRC Press, 2008
32. Sandoval JA, Karrer FM, Calkins CM. Gastrointestinal Foreign Bodies. eMedicine from Medscape. Updated March 3, 2009. <http://emedicine.medscape.com/article/933015-overview>
33. Sandoval JA, Karrer FM, Calkins CM. Gastrointestinal Foreign Bodies from Medscape. Updated May 11, 2011. <http://www.emedicine.com/ped/topic2777.html>
34. Karrer FM, Potter DD, Calkins CM. Pediatric Duodenal Atresia. eMedicine from Medscape. Updated March 05, 2012. <http://emedicine.medscape.com/article/932917-overview>
35. Karrer, FM, Jones SA. Superior Mesenteric Artery Syndrome. eMedicine from Medscape. Updated September 4, 2012. [http://emedicine.medscape.com/article/932220-overview](http://emedicine.medscape.com/article/932220-overview%20)
36. Roach JP, Karrer FM. Management of Portal Hypertension (Chapter 68). In Spitz L, Coran AG (eds): Operative Pediatric Surgery 7th edition, CRC Press, Boca Raton, 2013, pp. 639-647
37. Sandoval JA, Karrer FM. Liver Resection (Chapter 73). In Spitz L, Coran AG (eds): Operative Pediatric Surgery, 7th edition, CRC Press, Boca Raton, 2013, pp. 687-700
38. Roach J, Karrer FM. Abdominal Organ Transplantation in Children. In: Kappy M, Barness L, Barton L, Derkowitz C, Gilbert-Barness E, Carver J, Ziegler M (eds): Advances in Pediatrics. 60th ed. Philadelphia, PA: Elsevier, 2013: 297-310.
39. Jones SA, Karrer FM. Biliary Atresia and Choledochal Cyst (Chapter 56). In Ziegler MM, Azizkhan RG, von Allmen D, Weber TR (eds): Operative Pediatric Surgery, 2nd edition, McGraw-Hill, New York, 2014, pp. 710-723
40. Karrer FM, Landman MP. Biliary Trauma. Medscape Reference. Updated October 20, 2014. Available at: <http://emedicine.medscape.com/article/434014-overview>.
41. Sandoval JA, Calkins CM, Karrer FM. Pediatric Gastrointestinal Foreign Bodies. Medscape Drugs & Diseases. Updated 19 Nov 2015. <http://emedicine.medscape.com/article/933015-overview>
42. Acton R, Ladd A, Karrer FM. Choledochal Cysts. In Hirschl R, Powell D, Waldhausen J (eds): Pediatric Surgery NaT – E-Textbook published by American Pediatric Surgical Association and Unbound Medicine, Inc., 2016 <https://www.pedsurglibrary.com/apsa/view/Pediatric-Surgery-NaT/829053/all/Choledochal_Cyst>,
43. Karrer FM, Calkins CM, Potter DD: Pediatric Duodenal Atresia. In Windle ML, Piccoli DA, Cuffari C(eds): Medscape LLC, New York, 2016. <http://emedicine.medscape.com/article/932917-overview>
44. Karrer, FM, Jones SA. Superior Mesenteric Artery Syndrome. In Windle ML, Li BUK, Cuffari (eds): Medscape LLC. New York, 2017. <http://emedicine.medscape.com/article/932220-overview>
45. Roach JP, Partrick DA, Karrer FM: Hepatic Cysts and Abscesses (Chapter 77). In Puri P (ed): Newborn Surgery, 4th Edition, CRC Press, Boca Raton, 2018, pp. 772-778
46. Karrer FM, Ogle S: Pediatric Duodenal Atresia. In Windle ML, Piccoli DA, Cuffari C(eds): Medscape LLC, New York, Updated February 2020. <http://emedicine.medscape.com/article/932917-overview>
47. Karrer FM, Derderian SC. Biliary Trauma. In Geibel J (ed): Medscape LLC, New York. Updated February 2020. <https://emedicine.qa01.medscape.com/article/434014-overview>
48. Witte A, Calkins C, Karrer FM. Pediatric Gastrointestinal Foreign Bodies, from Medscape. Updated 2024. <https://emedicine.medscape.com/article/933015-overview>
49. Karrer FM. Management of Fetal and Neonatal Biliary Atresia. In Crombleholme TM, Lim FY, Peiro JL, Simpson L, Rintoul NE (eds): Fetal and Neonatal Surgery and Medicine, 1st edition, McGraw Hill, New York, 2024

**ORIGINAL PAPERS:**

1. Karrer FM, Mammana RB, Copeland JG: Survival following pancreatitis and surgical drainage of pancreatic pseudocyst in a heart transplant recipient. Heart Transplantation 1(4):325-328, 1982.
2. Putnam CW, Buckley AR Jr, Warneke JA, Karrer FM, Rhenman B, Steinbronn KK: The mechanism of hepatoprotection of epsilon aminocaproic acid and putrescine. Surgery 96(2):214-222, 1984. PMID: 6431622
3. Karrer FM, Rhenman B, Buckley AR, Steinbronn KK, Putnam CW: A reproducible large animal model of acute hepatic failure. Current Surgery 41(6): 464-467, 1984. PMID: 6518813
4. Lilly JR, Stellin GP, Karrer FM: Forme fruste choledochal cyst. Journal of Pediatric Surgery 20(4):449-451, 1985. PMID: 4045674
5. Karrer FM, Lilly JR: Corticosteroid therapy in biliary atresia. Journal of Pediatric Surgery 20(6):693-696, 1985. PMID: 4087100
6. Lilly JR, Karrer FM: Contemporary surgery of biliary atresia. Pediatric Clinics of North America 32(5):1233-1245, 1985. PMID: 3897988
7. Greenholz SK, Karrer FM, Lilly JR: Contemporary surgery of tracheomalacia. Journal of Pediatric Surgery 21(6):511-514, 1986.PMID: 3723303
8. Todo S, Makowka L, Tzakis A, Marsh JW, Karrer FM, Armany M, Miller C, Tallent MB, Esquivel CO, Gordon RD, Iwatsuki S, Starzl TE: Hepatic artery in liver transplantation. Transplant Proceedings 19(1):2406-2411, 1987. PMID: 3547931
9. Esquivel CO, Koneru B, Karrer FM, Todo S, Iwatsuki S, Gordon RD, Makowka L, Marsh WJ, Starzl TE: Liver transplantation before one year of age. Journal of Pediatrics 10(4):545-548, 1987. PMID: 3550022
10. Lilly JR, Hall RJ, Vazquez-Estevez JJ, Karrer FM, Shikes RH: The surgery of "correctable" biliary atresia. Journal of Pediatric Surgery 22(6):522-525, 1987. PMID: 3612442
11. Ho M, Jaffe M, Miller G, Breinig MK, Dummer JS, Makowka L, Atchinson RW, Karrer FM, Nalesnik MA, Starzl TE: The frequency of Epstein-Barr virus infection and associated lymphoproliferative syndrome after transplantation and its manifestations in children. Transplantation 45(4):719-727, 1988 PMID: 2833828
12. Greenholz SK, Karrer FM, Lilly JR: Quadriplegia complicating parenteral nutrition. Pediatric Surgery International 3(1):64-65, 1988.
13. Karrer FM, Flannery AM, Nelson M, Mclone DG, Raffensperger JG: Anorectal malformations: Evaluation of associated spinal dysraphic syndromes. Journal of Pediatric Surgery 23(1):45-48, 1988. PMID: 3280777
14. Brandt CT, Rothbart LJ, Kumpfe D, Karrer FM, Lilly JR: Splenic embolization in children: Long-term efficacy. Journal of Pediatric Surgery 24(7):642-645, 1989. PMID: 2787859
15. Rothenberg SS, GPJ, Karrer FM, Lilly JR: Cholangitis after the Kasai operation for biliary atresia. Journal of Pediatric Surgery 24(8):729-732, 1989. PMID: 2769536
16. Wanek EA, Karrer FM, Brandt CT, Lilly JR: Biliary atresia. Pediatrics in Review 11(2):57-62, 1989. PMID: 2668912
17. Lilly JR, Karrer FM, Hall RJ, Stellin GP, Vasquez-Estevez J, Greenholz SK, Wanek EA, Schröter GPJ: The surgery of biliary atresia. Annals of Surgery 210(3):289-296,1989. PMID: 2673083
18. Wanek EA, Horgan JG, Karrer FM, Hall RJ, Rumack CM, Lilly JR: Portal venous velocity in biliary atresia. Journal of Pediatric Surgery 25(1):146-148, 1990. PMID: 2405146
19. Lilly JR, Karrer FM: Surgery for biliary atresia. Lancet, 335 (8681): 110, 1990. PMID: 1967390
20. Spees EK, Orlowski JP, Springer J, Young D, Temple DR, Kam I, Karrer FM, Kortz W, Shorr WJ, Narrod J: Evolution of the Colorado Organ Recovery Systems. Transplantation Proceedings 22(2):326-329, 1990. PMID: 2326902
21. Spees EK, Orlowski JP, Kam I, Karrer FM, Dunn SM: Are pediatric donors well-utilized? Transplantation Proceedings 22(2):359-360, 1990. PMID: 2326915
22. Spees EK, Orlowski JP, Temple DR, Kam I, Karrer FM: Efficacy of simultaneous cadaveric pancreas and liver recovery. Transplantation Proceedings 22(2):427-428, 1990.
23. Stewart BA, Hall RJ, Karrer FM, Lilly JR: Long-term survival after Kasai's operation for biliary atresia. Pediatric Surgery International 5(2):87-90, 1990.
24. Hall RJ, Karrer FM: Biliary atresia: Perspective on transplantation. Pediatric Surgery International 5(2):94-99, 1990.
25. Stewart BA, Karrer FM, Hall RJ, Lilly JR: The blind loop syndrome in children. Journal of Pediatric Surgery 25(9):905-908, 1990. PMID: 2401946
26. Karrer FM, Lilly JR, Stewart BA, Hall RJ: Biliary Atresia Registry, 1976-1989. Journal of Pediatric Surgery 25(10):1076-1081, 1990. PMID: 2262862
27. Karrer FM, Hall RJ, Stewart BA, Lilly JR: Congenital biliary tract disease. Surgical Clinics of North America 70(6):1403-1418, 1990. PMID: 2247822
28. Karrer FM, Hall RJ, Lilly JR: Biliary atresia and the polysplenia syndrome. Journal of Pediatric Surgery 26(5):524-527, 1991. PMID: 2061801
29. McCalmon RT, Spees EK, Tardif GN, Kuruvila KC, Kortz WJ, Kam I, Karrer FM: Successful kidney transplantation in the presence of IgM alloantibodies. Clinical Transplantation 5:255-259, 1991.
30. Sokol RJ, Johnson KE, Karrer FM, Narkewicz MR, Smith D, Kam I: Improvement of cyclosporine absorption in children after liver transplantation by means of water-soluble vitamin E. Lancet 338(8761):212-214, 1991. PMID: 1676779
31. Karrer FM: Portal hypertension. Seminars in Pediatric Surgery 1(2):134-144, 1992. PMID: 1345480
32. Karrer FM, Reitz BL, Hao L, Lafferty KJ: Fluorescein labeling in murine hepatocytes for identification after intrahepatic transplantation. Transplantation Proceedings 24(6):2820-2821, 1992. PMID: 1465954
33. Karrer FM, Lilly JR: Liver transplantation in children. British Medical Journal 304(6824): 396-7, 1992. PMID: 1547386
34. Carmi R, Magee CA, Neill CA, Karrer FM: Extrahepatic biliary atresia and associated anomalies - etiologic heterogeneity suggested by distinctive patterns of association. American Journal of Medical Genetics 45(6):683-685, 1993. PMID: 8456846
35. Karrer FM, Hall RJ, Lilly JR: Noncardiac thoracic surgery in children: An overview. Surgery Annual 25(2):117-149, 1993. PMID: 8351585
36. Karrer FM, Lilly JR: Correction of biliary atresia and jejunal atresia in an infant. Journal of Pediatric Surgery, 28(8):1082-3, 1993. PMID: 8305031
37. McIntyre RC, Bensard DD, Karrer FM, Hall RJ, Lilly JR: The pediatric diaphragm in acute gastric volvulus. Journal of the American College of Surgeons 178(3):234-238,1994. PMID: 8149014
38. Karrer FM, Kam I, Brandt C: Budd-Chiari syndrome after reduced-size liver transplantation. Transplantation Proceedings 26(1):187, 1994. PMID: 8108933
39. Koyle MA, Pfister RR, Kam I, Ford D, Lum G, Karrer FM: Bladder reconstruction with the dilated ureter for renal transplantation. Transplantation Proceedings 26(1):35-36, 1994. PMID: 8109010
40. Karrer FM, Holland RM, Allshouse MJ, Lilly JR: Portal vein thrombosis: treatment of variceal hemorrhage by endoscopic variceal ligation. Journal of Pediatric Surgery 29(8):1149-1151, 1994. PMID: 7965524
41. Sokol RJ, Twedt D, McKim JM Jr, Devereaux MW, Karrer FM, Kam I, Von Stiegmann G, Hambidge KM, Bacon BR, Britton RS, Neuschwander-Tetri BA: Oxidant injury to hepatic mitochondria in patients with Wilson's disease and Bedlington terriers with copper toxicosis. Gastroenterology 107(6):1788-1998, 1994. PMID: 7958693
42. Koyle MA, Pfister RR, Woo H, Lum GM, Ford DM, Karrer FM: Management of the lower urinary tract in pediatric transplantation. Seminars in Urology 12(2):74-83, 1994. PMID: 8059190
43. Stegall MD, Mandell S, Karrer F, Kam I: Liver transplantation without venovenous bypass. Transplantation Proceedings 27(1):1254-1255, 1995. PMID: 7878872
44. Palmer AL, Strain JD, Henry DB, Karrer FM, Simoes EA: Postanginal sepsis after oropharyngeal trauma. Pediatric Infectious Disease 14(3):249-251, 1995. PMID: 7761199
45. Karrer FM, Gill R, Ostrowska A, Bolwerk A, Reitz B, Stegall M, Schroter G, Kam I, Lafferty KJ: Purified hepatic parenchymal cells are non-immunogenic. Transplantation Proceedings 27(1):625-7 February 1995. PMID: 7879124
46. Stegall MD, Ostrowska A, Haynes J, Karrer F, Kam I, Gill RG: Prolongation of islet allograft survival with an antibody to vascular cell adhesion molecule 1. Surgery 118(2):366-370, 1995. PMID: 7543705
47. Koyle MA, Karrer FM, Mahoney AC: Renal-portal vein shunt for renal failure after left renal vein ligation in children. A review. Journal of Urology 154(4):1491-1494,1995. PMID: 7658574
48. Stegall MD, Everson G, Schroter G, Bilir B, Karrer F, Kam I: Metabolic complications after liver transplantation: Diabetes, hypercholesterolemia, hypertension and obesity. Transplantation; 60 (9):1057-1060, 1995. PMID: 7491685
49. Sartorelli KH, Holland RM, Allshouse MJ, Karrer FM, Lilly JR: The intussusception antireflux valve is ineffective in preventing cholangitis in biliary atresia. Journal of Pediatric Surgery 31(3): 403-406, 1996. PMID: 8708912
50. Sartorelli KH, Rothenberg SS, Karrer FM, Lilly JR: Thoracoscopic repair of hiatal hernia following fundoplication: A new approach to an old problem. Journal of Laparoendoscopic Surgery 6(1): 591-593, 1996. PMID: 8832936
51. Karrer FM, Price MR, Bensard DD, Sokol RJ, Narkewicz MR, Smith DJ, Lilly JR: Long-term results with the Kasai operation for biliary atresia. Archives of Surgery 1996 May;131(5):493-496. PMID: 8624194
52. Allen-Davis JR, Russ P, Karrer FM, Shroyer K, Ruyle S, Odom LF: Cavernous lymphangioma presenting as a vaginal discharge in a six-year old female: A case report. Pediatric and Adolescent Gynecology 9(1):31-34, 1996. PMID: 9551374
53. Price R, Sartorelli KH, Karrer FM, Narkewicz MR, Sokol RJ, Lilly JR: Management of esophageal varices by endoscopic variceal ligation in children. Journal of Pediatric Surgery 31(8): 1056-1059, 1996. PMID: 8863233
54. Pellegrin K, Bensard D, Karrer F, Meagher D: Laparoscopic evaluation of contralateral patent processus vaginalis in children. American Journal of Surgery, 172: 602-606, 1996. PMID: 8942571
55. Barnett CC, Partrick DA, May DJ, Karrer FM, Koyle MA: Update in pediatric transplantation. Current Opinion in Urology 7:103-106, 1997.
56. Stegall MD, Wachs ME, Everson G, Steinberg T, Bilir B, Shrestha R, Karrer FM, Kam I: Prednisone withdrawal 14 days after liver transplantation with mycophenolate: A prospective trial of cyclosporine and tacrolimus. Transplantation 64(12): 1755-1760,1997. PMID: 9422416
57. Stegall MD, Everson G, Schroter G, Karrer F, Bilir B, Steinberg T, Wachs M, Kam I: Prednisone withdrawal late after liver transplantation reduces diabetes, hypertension and hypercholesterolemia without causing graft loss. Hepatology 25 (1):173-177, 1997. PMID: 8985286
58. Karrer FM, Bilir B, Gill R, Ostrowska A, Stegall MD, Wachs M, Kam I: Cryopreserved hepatocytes are poor stimulators of in vitro cytotoxicity. Transplant Proceedings 29(1-2):1111-1112, 1997. PMID: 9123223
59. Everson G, Bharadhwaj G, House R, Talamantes M, Bilir B, Shrestha R, Kam I, Wachs M, Karrer FM, Fey B, Ray C, Steinberg T, Morgan C, Beresford T: Long-term follow-up of patients with alcoholic liver disease who underwent hepatic transplantation. Liver Transplantation and Surgery 3(3): 263-74, 1997. PMID: 9346750
60. Partrick DA, Bensard D, Karrer FM, Ruyle SZ: Is routine pathological evaluation of pediatric hernia sacs justified? Journal of Pediatric Surgery, 33 (7):1090-1094, 1998. PMID: 9694100
61. Tyler KL, Sokol RJ, Oberhaus SM, Le M, Karrer FM, Narkewicz MR, Tyson RW, Murphy JR, Low R, Brown WR: Detection of reovirus RNA in hepatobiliary tissues from patients with extrahepatic biliary atresia and choledochal cysts. Hepatology 27 (6):1475-1482, 1998. PMID: 9620316
62. Partrick DA, Bensard D, Moore EE, Partington MD, Karrer FM: Driveway crush injuries in young children: A highly lethal, devastating and potentially preventable event. Journal of Pediatric Surgery, 33(11): 1712-1715, 1998. PMID: 9856902
63. Wachs ME, Bak TE, Karrer FM, Everson GT, Shrestha R, Trouillot TE, Mandell MS, Steinberg TG, Kam I: Adult living donor liver transplantation using a right hepatic lobe. Transplantation 66(10): 1313-1316, 1998. PMID: 9846514
64. Feranchak AP, Tyson RW, Narkewicz MR, Karrer FM, Sokol RJ: Fulminant Epstein-Barr viral hepatitis: orthotopic liver transplantation and review of the literature. Liver Transplantation and Surgery 4(6): 469-476, 1998. PMID: 9791157
65. Volinsky JB, Karrer FM, Todd JK: Hemolytic-uremic syndrome caused by Escherichia coli 0157:H7 after perforate appendix. Pediatric Infectious Disease 17(9): 846-7, 1998. PMID: 9779779
66. Partrick DA, Bensard D, Moore EE, Terry SJ, Karrer FM: Ultrasound is an effective triage tool to evaluate blunt abdominal trauma in the pediatric population. Journal of Trauma. 45(1):57-63, 1998. PMID: 9680013
67. Narkewicz MR, Krebs N, Karrer FM, Orban-Eller K, Sokol RJ: Correction of hypozincemia following liver transplantation in children is associated with reduced urinary zinc loss: Hepatology 29(3): 830-833, 1999. PMID: 10051486
68. Ostrowska A, Karrer FM, Bilir BM: Histological identification of purified and cryopreserved allogeneic hepatocytes following transplantation in a murine model without host immuno-suppression: Transplant International 12(3):188-194, 1999. PMID: 10429956
69. Karrer FM, Narkewicz MR: Esophageal varices: current management in children. Seminars in Pediatric Surgery 8(4): 193-201, 1999. PMID: 10573429
70. Partrick, DA, Bensard D, Moore EE, Karrer FM: Nonoperative management of solid organ injuries in children results in decreased blood utilization: Journal of Pediatric Surgery, 34(11): 1695-1699, 1999. PMID: 10591573
71. Yerushalmi B, Sokol RJ, Narkewicz MR, Smith D, Karrer FM: Use of rifampin for severe pruritus in children with chronic cholestasis. Journal of Pediatric Gastroenterology and Nutrition 29(4):442-7, 1999. PMID: 10512405
72. Bilir BM, Guinette D, Karrer FM, Kumpe DA, Krysl J, Stephens J, McGavran L, Ostrowska A, Durham J: Hepatocyte transplantation (HT) in acute liver failure: Liver Transplantation 6(1): 32-40, 2000 PMID: 10648575
73. Partrick D, Moore EE, Bensard DD, Karrer FM: Operative management of injured children at an adult level I trauma center. Journal of Trauma. 48(5):894-901, 2000
74. Karrer FM, Bensard DD: Neonatal cholestasis. Seminars in Pediatric Surgery, 9(4):166-169, 2000. PMID: 11112833
75. Ingram JD, Yerushalmi B, Connell J, Karrer FM, Tyson RW, Sokol RJ: Hepatoblastoma in a neonate: A hypervascular presentation mimicking hemangioendothelioma. Pediatric Radiology 30(11):794-797, 2000 PMID: 11100498
76. Partrick DA, Bensard DD, Moore EE, Calkins CM, Karrer FM: Cervical spine trauma in the injured child: A tragic injury with potential for salvageable functional outcome. Journal of Pediatric Surgery. 35(11):1571-1575, 2000. PMID: 10823533 PMID: 11083425
77. Calkins CC, Bensard DD, Partrick DA, Karrer FM: Life threatening dog attacks: A devastating combination of blunt and penetrating trauma. Journal of Pediatric Surgery, 36(8):1115-1117, 2001. PMID: 11479838
78. Miga D, Sokol RJ, MacKenzie T, Narkewicz MR, Smith D, Karrer FM: Survival after first esophageal variceal hemorrhage in patients with biliary atresia. Journal of Pediatrics, 139(2): 291-6, 2001. PMID: 11487759
79. Furness PD, Houston JB, Grampsas SA, Karrer FM, Firlit CF, Koyle MA: Extraperitoneal placement of renal allografts in children less than 15 kg body weight. Journal of Urology 166(3):1042-5, Sept. 2001. PMID: 11490294
80. Bensard DD, Partrick DA, Ford D, Lum G, Karrer FM. Efficacy of Laparoscopic Peritoneal Dialysis Catheter Placement in Children. Pediatric Endosurgical Innovation & Technology 5(3):241-5, 2001
81. Bensard DD, Partrick DA, Ford D, Lum G, Karrer FM: Efficacy of laparoscopic peritoneal dialysis catheter placement in children. Pediatric Endoscopic and Innovative Techniques, 5(3):241-246, 2001.
82. Partrick DA, Bensard DD, Janik JS, Karrer FM: Is hypotension a reliable indicator of blood loss from traumatic injury in children? American Journal of Surgery (Dec), 184:555-560, 2002. PMID: 12488166
83. Holmes RD, Orban-Eller K, Karrer FM, Rowe DT, Narkewicz MR, Sokol RJ: Response of elevated EBV DNA levels to therapeutic changes in pediatric liver transplant patients. Transplantation 74(3): 367-372, 2002. PMID: 12177616
84. Graham DK, Stork LC, Wei Q, Ingram JD, Karrer FM, Mierau GW, Lovell MA: Molecular genetic analysis of a small bowel primitive neuroectodermal tumor. Pediatric & Developmental Pathology 5(1):86-90, 2002. PMID: 11815873
85. Calkins CM, Bensard DD, Partrick DA, Karrer, FM: A critical analysis of outcome for children sustaining cardiac arrest after blunt trauma. Journal of Pediatric Surgery 37(2):180-184 2002. PMID: 11819195
86. Calkins CM, Bensard DD, Partrick DA, Karrer, FM McIntyre RC: Altered neutrophil function in the neonate protects against sepsis-induced lung injury. Journal of Pediatric Surgery 37(7):1042-7; discussion 1042-7 2002. PMID: 12077768
87. Partrick DA, Janik JE, Janik JS, Bensard DD, Karrer FM: Increased CT scan utilization does not improve the diagnostic accuracy of appendicitis in children. Journal Pediatric Surgery 38(5):659-662, 2003. PMID: 12720164
88. Hendrickson RJ, Fenton L, Hall D, Karrer FM: Congenital paraesophageal hiatal hernia. Journal of the American College of Surgeons; 196(3):483, 2003. PMID: 12648703
89. Janik JS, Hendrickson RJ, Janik JP, Bensard DD, Partrick DA, Karrer FM: Spectrum of anorectal anomalies in pygopagus twins. Journal of Pediatric Surgery, 38(4):608-612, 2003. PMID: 12677576
90. Barsness KA, Cha ES, Bensard DD, Calkins CM, Partrick DA, Karrer FM, Strain JD: The positive predictive value of rib fractures as an indicator of non-accidental trauma in children.
Journal of Trauma, 54(6):1107-1110, 2003. PMID: 12813330
91. Silliman CC, Tyson RW, Wei Q, Karrer FM, Davies SM, Blake M, McGavran L: Acute Philadelphia chromosome-positive leukemia in an adolescent boy after liver transplantation. Journal of Pediatric Hematologic Oncology, 25(7): 565-8, 2003. PMID: 12847326
92. Sokol RJ, Mack C, Narkewicz MR, Karrer FM: Pathogenesis and outcome of biliary atresia: Current concepts. Journal of Pediatric Gastroenterology Nutrition, 37(1):4-21, 2003. PMID: 12827000
93. Janik JE, Cothren CC, Janik JS, Hendrickson RJ, Bensard DD, Partrick DA, Karrer FM: Is a routine chest x-ray necessary for children after fluoroscopically assisted central venous access? Journal of Pediatric Surgery; 38(8):1199-1202, 2003. PMID: 12891492
94. Kurbegov AC, Setchell KDR, Haas JE, Mierau GW, Narkewicz M, Bancroft JD, Karrer FM, Sokol RJ: Biliary diversion for progressive familial intrahepatic cholestasis: Improved liver morphology and bile acid profile. Gastroenterology Oct;125(4):1227-34, 2003. PMID: 14517804
95. Barsness KA, Bensard DD, Ciesla D, Partrick DA, Hendrickson RJ, Karrer FM: Blunt diaphragmatic rupture in children. Journal of Trauma, 56(1):80-82, 2004. PMID: 14749570
96. Mack CL, Tucker RM, Sokol RJ, Karrer FM, Kotzin BL, Whitington PF, Miller SD: Biliary atresia is associated with CD4+ Th1 cell-mediated portal tract inflammation. Pediatric Research 56(1):79-87, 2004. PMID: 15128911
97. Hendrickson RJ, Karrer FM, Wachs ME, Slater K, Bak TE, Kam I: Pediatric liver transplantation. Current Opinion Pediatric, 16:309-313, 2004. PMID: 15167019
98. Barsness KA, Bensard DD, Partrick DA, Hendrickson RJ, Koyle, MA, Calkins CM, Karrer FM: Renovascular Injury: An Argument for Renal Preservation. Journal of Trauma, 57(2):310-5, 2004. PMID: 15345978
99. Roaten JB, Partrick DA, Bensard DD, Hendrickson RJ, Vertrees T, Sirotnak AP, Karrer FM: Visceral injuries in non-accidental trauma: spectrum of injury and outcomes. American Journal of Surgery, 190:827-829, 2005. PMID: 16307928
100. Barsness, KA, Bensard DD, Partrick DA, Hendrickson R, Koyle M, Calkins CM, Karrer FM, et al.: Trauma, and genital and urethral reconstruction. Journal of Urology 173 (4), 1211-1212, 2005
101. Liu E, MacKenzie T, Dobyns EL, Parikh CR, Karrer FM, Narkewicz MR, Sokol RJ: Characterization of acute liver failure and development of a continuous risk of death staging system in children. Journal of Hepatology, 44:134-141, 2006. PMID: 16169116
102. Hendrickson RJ Lutfiyya WI, Karrer FM, Furness PD, Mengshol S, Bensard DD: Xanthogranulomatous pyelonephritis. Journal of Pediatric Surgery, 41:e15-17, 2006. PMID: 16481231
103. Yu S, Bensard DD, Partrick DA, Petty JK, Karrer FM, Hendrickson RJ: Laparoscopic guidance or revision of ventriculoperitoneal shunts in children. Journal of the Society of Laparoendoscopic Surgeons, 10:122-125, 2006. PMID: 16709376
104. Hendrickson RJ, Yu S, Bensard DD, Petty JK, Partrick DA, Karrer FM: Preservation of an aberrant left hepatic artery during laparoscopic Nissen fundoplication. Journal of the Society of Laparoendoscopic Surgeons, 10:180-183, 2006. PMID: 16882416
105. Petty JK, Bensard DD, Partrick DA, Hendrickson RJ, Albano EA, Karrer FM: Resection of neurogenic tumors in children: Is thoracoscopy superior to thoracotomy? Journal of American College of Surgeons, 203(5):699-703, 2006.
106. Roaten JB, Partrick DA, Nydam TL, Bensard D PMID: 17084332 D, Hendrickson RJ, Sirotnak AP, Karrer FM: Nonaccidental trauma is a major cause of morbidity and mortality among patients at a regional level I pediatric trauma center. Journal of Pediatric Surgery, 41(12):2013-2015, 2006. PMID: 17161194
107. Mack C, Falta MT, Sullivan AK, Karrer FM, Sokol RJ, Freed BM, Fontenot AP: Oligoclonal expansions of CD4+ & CD8+ T-cells in the target organ of patients with biliary atresia. Gastroenterology 133(1): 278-287, 2007. PMID: 17631149
108. Roach JP, Partrick DA, Bruny JL, Allshouse MJ, Karrer FM, Ziegler MM: Complicated appendicitis in children: a clear role for drainage and delayed appendectomy. American Journal of Surgery,194(6):769-72, 2007. PMID: 18005769
109. Soltys, KA, Mazariegos GV, Squires RH, Sindhi RK, Anand R, Karrer FM, et al.: Late graft loss of death in pediatric lever transplantation: an analysis of the SPLIT database. American Journal of Transplantation 7(9): 2165-2171, 2007
110. Diamond IR, Fecteau A, Millis JM, Losanoff JE, Ng V, Anand R, Song, C, SPLIT Research Group (Karrer FM): Impact of graft type on outcome in pediatric liver transplantation: A report from Studies of Pediatric Liver Transplantation (SPLIT). Annals of Surgery 246(2): 301-310, 2007
111. Ng VL, Fecteau A, Shepherd R, Magee J, Bucuvalas J, Alonso E, McDiarmid S, Cohen G, Anand R, SPLIT Research Group (Karrer FM): Outcomes of 5-year survivors of pediatric liver transplantation: Report on 461 children from a North American multicenter registry. Pediatrics 122(6): e1128-35, 2008. PMID: 19047213
112. Campsen J, Zimmerman MA, Narkewicz MR, Sokol RJ, Mandell MS, Kam I, Dovel D, Karrer FM: Choledochoduodenostomy in pediatric liver transplantation. Journal of Pediatric Transplantation 15(3): 237-39, 2008. PMID: 21214697
113. Brumbaugh, D, Colson, S., Sandoval, J., Karrer, FM., Bealer, J.F**.**, Litovitz, T., Kramer, R. Management of button battery induced hemorrhage in children, Journal of Pediatric Gastroenterology & Nutrition, 52(5):585-9, 2011 PMID: 21502830
114. Wood J, Partrick DA, Hays, T, Sauaia, A, Karrer FM, Ziegler, MM: Contemporary pediatric splenectomy: Continuing controversies. Pediatric Surgery International 27(11): 1165-1171, 2011. PMID: 21626013
115. Superina R, Magee J, Healey P, Tiao G, Ryckman F, Karrer FM, Li Y, Moore J, Brandt ML, Wang KS: The anatomic pattern of biliary atresia identified at time of Kasai hepatoportoenterostomy and early postoperative clearance of jaundice are significant predictors of transplant-free survival. Annals of Surgery 254(4): 577-585, 2011 PMID: 21869674
116. Martin, SR, Alvarez F., Anand R., Song C., Yin, W., SPLIT Research Group (Karrer, FM): Outcomes in children who underwent transplantation for autoimmune hepatitis. Liver Transplantation 17(4): 393-401, 2011 PMID: 21445922
117. Brindley SM, Lanham AM, Karrer FM, Tucker Rm, Fontenot AP, Mack CL: Cytomegalovirus-specific T-cell reactivity in biliary atresia at the time of diagnosis is associated with deficits in regulatory T cells. Hepatology. 55(4): 1130-1138, 2012 PMID: 22105891
118. Ng VL, Alonso EM, Bucuvalas, JC, Cohen G, Limbers CA, Varni JW, Mazariegos G, Magee J, McDiarmid SV, Anand R, SPLIT Research Group (Karrer FM). Health status of children alive 10 years after pediatric liver transplantation performed in pediatric liver transplantation performed in the U.S. and Canada: Report of the studies of pediatric liver transplantation experience. Journal of Pediatrics 160(5):820-6.e3. doi: 10.1016/j.jpeds.2011.10.038. Epub 2011 Dec 20. PMID: 22192813
119. McLin VA, Anand R, Daniels SR, Yin W, Alonso EM; SPLIT Research Group (Karrer FM). Blood pressure elevation in long-term survivors of pediatric liver transplantation. American Journal of Transplantation. 2012 Jan;12(1):183-90. doi: 10.1111/j.1600-6143.2011.03772.x. Epub 2011 Oct 12. PMID:21992721
120. Bansal S, Banever GT, Karrer FM, Partrick DA. Appendicitis in children less than 5 years old: influence of age on presentation and outcome. American Journal of Surgery 204(6):1031-5, 2012; discussion 1035. doi:10.1016 j.amjsurg. 2012.10.003.Dec;204(6):1031-5; PMID: 23231939
121. Narkewicz MR1, Green M, Dunn S, Millis M, McDiarmid S, Mazariegos G, Anand R, Yin W; Studies of Pediatric Liver Transplantation Research Group (Karrer F). Decreasing incidence of symptomatic Epstein-Barr virus disease and posttransplant lymphoproliferative disorder in pediatric liver transplant recipients: report of the studies of pediatric liver transplantation experience. Liver Transplantation. 2013 Jul;19(7):730-40. doi: 10.1002/lt.23659. PMID: 23696264
122. Sundaram SS, Alonso EM, Zeitler P, Yin W, Anand R; SPLIT Research Group (Karrer FM). Obesity after pediatric liver transplantation: prevalence and risk factors. Journal of Pediatric Gastroenterology and Nutrition. 2012 Dec;55(6):657-62. doi: 10.1097/MPG.0b013e318266243c. PMID:22744193
123. Roach JP, Karrer FM. Abdominal organ transplantation in children. Advances in Pediatrics. 2013;60(1):297-310. doi: 10.1016/j.yapd.2013.04.013. Epub 2013 Jul 11. Review. No abstract available. PMID: 24007851
124. Acker SN, Bruny JL, Narkewicz MR, Roach JP, Rogers A, Karrer FM. Preoperative imaging does not predict intrahepatic involvement in choledochal cysts. Journal of Pediatric Surgery. 2013 Dec;48(12):2378-82. doi: 10.1016/j.jpedsurg.2013.08.008. PMID: 24314174
125. Bezerra JA, Spino C, Magee JC, Shneider BL, Rosenthal P, Wang KS, Erlichman J, Haber B, Hertel PM, Karpen SJ, Kerkar N, Loomes KM, Molleston JP, Murray KF, Romero R, Schwarz KB, Shepherd R, Suchy FJ, Turmelle YP, Whitington PF, Moore J, Sherker AH, Robuck PR, Sokol RJ; Childhood Liver Disease Research and Education Network (Karrer F). Use of corticosteroids after hepatoportoenterostomy for bile drainage in infants with biliary atresia: the START randomized clinical trial. JAMA. 2014 May 7;311(17):1750-9. doi: 10.1001/jama.2014.2623. PMID: 24794368
126. Ng VL, Haber BH, Magee JC, Miethke A, Murray KF, Michail S, Karpen SJ, Kerkar N, Molleston JP, Romero R, Rosenthal P, Schwarz KB, Shneider BL, Turmelle YP, Alonso EM, Sherker AH, Sokol RJ; Childhood Liver Disease Research and Education Network (Karrer F): Medical status of 219 children with biliary atresia surviving long-term with their native livers: results from a North American multicenter consortium. Journal of Pediatrics. 2014 Sep;165(3):539-546.e2. doi: 10.1016/j.jpeds.2014.05.038. Epub 2014 Jul 9. Erratum in: Journal of Pediatrics. 2015 Jan;166(1):211. PMID: 25015575
127. Roach JP, Acker SN, Bensard DD, Sirotnak AP, Karrer FM, Partrick DA. Head injury pattern in children can help differentiate accidental from non-accidental trauma. Pediatric Surgery International. 2014 Nov;30(11):1103-6. doi: 10.1007/s00383-014-3598-3. Epub 2014 Sep 25. PMID: 25252922
128. Bansal S, Karrer FM, Hansen K, Partrick DA. Contrast blush in pediatric blunt splenic trauma does not warrant the routine use of angiography and embolization. American Journal of Surgery. 2015 Aug; 210(2):345-50. doi: 10.1016/j.amjsurg.2014.09.028. Epub 2015 Feb 16. PMID: 25827492
129. Acker SN, Roach JP, Partrick DA, Karrer FM, Bensard DD, Sirotnak AP. Beyond morbidity and mortality: the social and legal outcomes of non-accidental trauma. Journal of Pediatric Surgery. 2015 Apr;50(4):604-7. doi: 10.1016/j.jpedsurg.2014.05.030. Epub 2014 Jul 11. PMID: 25840071
130. Stewart C, Acker SN, Pyle LL, Kulungowski A, Cadnapaphornchai M, Bruny JL, Karrer FM. Factors associated with peritoneal dialysis catheter complications in children. Journal of Pediatric Surgery. 51 (1): 159-162, 2016. doi: 10.1016/j.jpedsurg.2015.10.035. PMID: 26572851
131. Wang KS, Tiao G, Bass LM, Hertel PM, Mogul D, Kerkar N, Clifton M, Azen C, Bull L, Rosenthal P, Stewart D, Superina R, Arnon R, Bozic M, Brandt ML, Dillon PA, Fecteau A, Iyer K, Kamath B, Karpen S, Karrer FM, et al. Analysis of surgical interruption of the enterohepatic circulation as a treatment for pediatric cholestasis: A retrospective, multi-institutional study. Hepatology. 2016 [epub ahead of print] doi: 10.1002/hep.29019. PMID: 28027587
132. Deeney S, Stewart C, Treece A, Lovell M, Garrington T, Karrer F, Bruny J, Black J. Diagnostic utility of core needle biopsy versus open wedge biopsy for pediatric intra-abdominal solid tumors: Results of a prospective clinical study. Journal of Pediatric Surgery 2017 Dec; 52(12):2042-2046. doi: 10.1016/j.jpedsurg.2017.08.032. Epub 2017 Sep 4. PMID: 28943139
133. Karrer FM, Wallace B, Estrada AE. Late complications of biliary atresia: Hepatopulmonary syndrome and portopulmonary hypertension. Pediatric Surgery International 33(12):1335-1340, 2017. PMID: 28983709
134. Ng VL, Sorensen LG, Alonso EM, Fredericks EM, Ye W, Moore J, Karpen SJ, Shneider BL, Molleston JP, Bezerra JA, Murray KF, Loomes KM, Rosenthal P, Squires RH, Wang K, Arnon R, Schwarz KB, Turmelle YP, Haber BH, Sherker AH, Magee JC, Sokol RJ; Childhood Liver Disease Research Network (Karrer F): Neurodevelopmental outcome of young children with biliary atresia and native liver: Results from the ChiLDReN study. Journal of Pediatrics. 2018 May; 196:139-147.e3. doi: 10.1016/j.jpeds.2017.12.048. Epub 2018 Mar 5. PMID: 29519540
135. Karrer FM, Roach JP: Error traps and culture of safety in biliary atresia. Seminars in Pediatric Surgery 28(3): 135-138, 2019. PMID 31171147
136. Derderian SC, Benge MJ, Karrer FM, Acker SN, Roach JP: Filling the gap: objective data to guide pediatric surgery applicants who do not match on the first attempt. Journal of Pediatric Surgery epub 2019 May 11, print 2020 Jul;55(7):1330-1333. pii: S0022-3468(19)30341-0. doi: 10.1016/j.jpedsurg.2019.04.033. PMID: 31126685
137. Shneider BL, Goodrich NP, Ye W, Sawyers C, Molleston JP, Merion RM, Leung DH, Karpen SJ, Kamath BM, Cavallo L, Wang K, Teckman JH, Squires JE, Sundaram SS, Rosenthal P, Romero R, Murray KF, Loomes KM, Jensen MK, Bezerra JA, Bass LM, Sokol RJ, Magee JC, For the Childhood Liver Disease Research Network (Karrer F): Nonfasted liver stiffness correlates with liver disease parameters and portal hypertension in pediatric cholestatic liver disease. Hepatology Communications 2020; 4(11):1674-1707, doi: 10.1002/hep4.1574. eCollection 2020 Nov. PMID: 33163838
138. Yoeli D, Choudhury R, Sundaram S, Roach J, Karrer F, Wachs M, Adams M: Primary vs salvage liver transplantation for biliary atresia: a retrospective cohort study. Journal of Pediatric Surgery, J Pediatr Surg. 2022 Jan 10;S0022-3468(22)00004-5. doi: 10.1016/j.jpedsurg.2021.12.027. PMID: 31171147
139. Oh AS, Schauer SG, Adelgais K, Fletcher JL, Karrer FM: Pediatric trauma surgery in Iraq and Afghanistan: Mortality, indicators, and most common operating room interventions from 2007 to 2016. J Trauma Acute Care Surg. 2023 Aug 1;95(2S Suppl 1):S66-S71. doi: 10.1097/TA.0000000000004048. Epub 2023 May 23. PMID: 37219539
140. Ziogas IA, Moore HB, Yoeli D, Karrer FM, Taylor S, Baimas-George M, Feldman AG, Boster JM, Wachs ME, Adams MA: Postoperative fibrinolytic resistance is associated with biliary strictures after pediatric liver transplantation: A prospective observational study. Journal of the American College of Surgeons, 2023 (In Press)
141. Molleston JP, Goodrich NP, Ye W, Magee J, Leung DH, Kamath B, Karrer FM, Sokol R, Karpen S, Ye W, Shneider BL for the ChiLDReN Consortium: Prospective analysis of liver stiffness measurement by vibration controlled transient elastography as a predictor of outcomes in biliary atresia. Hepatology (submitted)