

CURRICULUM VITAE

Robert Cooper Shamberger, M.D.

ADDRESS: Children's Hospital
Department of Surgery
300 Longwood Avenue
Boston, MA 02115

EDUCATION:

6/1/71 B.A. University of Missouri, Columbia, Missouri
6/12/75 M.D. Harvard Medical School, Boston, Massachusetts

POST DOCTORAL TRAINING:

1975-1978 General Surgery Residency, Massachusetts General Hospital, Boston, MA
1978-1980 Clinical Associate, Surgery Branch, National Cancer Institute,
(Commissioned Officer, U.S. Public Health Service)
1980-1982 General Surgery Residency, Massachusetts General Hospital, Boston, MA
1982-1983 Chief Resident in Surgery, Massachusetts General Hospital, Boston, MA
1983-1984 Resident in Surgery, Children's Hospital, Boston, MA
1984-1985 Chief Resident in Surgery, Children's Hospital, Boston, MA

LICENSURE AND CERTIFICATION:

7/1/76 National Board of Medical Examiners, Cert #153080
3/24/78 Massachusetts Medical Registration, License #42482
10/4/83 American Board of Surgery, Cert #28917
5/13/86 Pediatric Surgery, American Board of Surgery, Cert #481
10/26/90 Critical Care, American Board of Surgery, Cert #637
10/18/91 American Board of Surgery, Recert #28917
10/22/93 Pediatric Surgery, American Board of Surgery, Recert #481
3/21/95 Advanced Trauma Life Support
10/22/99 Critical Care, American Board of Surgery, Recert #637
10/18/02 American Board of Surgery, Recert #2891
10/28/03 Pediatric Surgery, American Board of Surgery, Recert #481

ACADEMIC APPOINTMENTS:

1977-1985 Clinical Fellow in Surgery, Harvard Medical School, Boston, MA
1986-1991 Assistant Professor of Surgery, Harvard Medical School, Boston, MA
1991-2000 Associate Professor of Surgery, Harvard Medical School, Boston, MA
2000 Professor of Surgery, Harvard Medical School, Boston, MA
2004 Robert E. Gross Professor of Surgery, Harvard Medical School, Boston, MA

HOSPITAL APPOINTMENTS:

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| 1982-1983 | Assistant in Surgery, Massachusetts General Hospital, Boston, MA |
| 1984-1990 | Assistant in Surgery, Children's Hospital, Boston, MA |
| 1989-1999 | Associate Director Residency Program in Pediatric Surgery |
| 1990- | Senior Associate in Surgery, Children's Hospital, Boston, MA |
| 1999-2005 | Director Residency Program in Pediatric Surgery |
| 2001 | Clinical Director, Department of Surgery, Children's Hospital, Boston, MA |
| 2002 | Interim Chief of Surgery, Children's Hospital, Boston, MA |
| 2002-2004 | President, Children's Hospital Alumni Association |
| 2003 | Chief of Surgery, Children's Hospital, Boston, MA |

AWARDS AND HONORS:

MAJOR HOSPITAL COMMITTEE ASSIGNMENTS:

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| 1982-1983 | Quality Assurance Committee, Massachusetts General Hospital, Boston, MA |
| 1984-1995 | Oncology Committee, Children's Hospital, Boston, MA |
| 1985-1994 | Quality Assurance Committee, Children's Hospital, Boston, MA |
| 1985-1989 | Transfusion Committee, Children's Hospital, Boston, MA |
| 1985-1989 | Cardiopulmonary Resuscitation Committee, Children's Hospital, Boston, MA |
| 1985- | American College of Surgeons Cancer Field Liaison |
| 1986-1989 | Nutrition Support and Nutrition Advisory Committees, Children's Hospital, Boston, MA |
| 1989-1995 | Interdisciplinary Perioperative Quality Assurance Committee, Children's Hospital, Boston, MA |
| 1989-2001 | Post Graduate Medical Education Committee, Children's Hospital, Boston, MA |
| 6/92-10/92 | Operation Improvement (Ad Hoc) Children's Hospital, Co-Chair OR Subcommittee |
| 9/97-10/97 | Operating Room Efficiency and Utilization (Ad Hoc), Children's Hospital, Chair |

MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

American Academy of Pediatrics, Surgical Section- Fellow (4/1/1988-)
Program Committee, American Academy of Pediatrics (1/92-10/94)
Executive Committee (2005-)

American Board of Surgery

Examiner Pediatric Surgery Qualifying Examinations (1998, 2000, 2002, 2004, 2006)
Consultant to the Pediatric Surgery Board of the American Board of Surgery (1998-2002)

American College of Surgeons-Fellow (10/27/88-)
Commission on Cancer (Representative of the American Academy of Pediatrics 11/97-04)

American Medical Association (1986-1995)

American Pediatric Surgical Association (5/13/1988-)
Cancer Committee (6/13/89-)
Publications Committee (5/93-5/95)
Vice-Chair, Cancer Committee (1993-94 & 1996-97)
Nominating Committee (1995-1996)
Chair, Cancer Committee (10/97-5/00)
Nominating Committee (2000-2001)
Nominating Committee (Chair) (2004-2005)
Board of Governors (2006-)

American Surgical Association -Fellow (4/2001)

Boston Surgical Society (12/11/89-)

Massachusetts Medical Society (10/29/82-)

Pediatric Oncology Cooperative Trials
National Wilms' Tumor Study Group-Central Committee (9/1/94-6/02)
Pediatric Oncology Group
Associate Member (4/89-10/91)
Full Member (10/91-1/01)
Neuroblastoma Core Committee (1/92-1/01)
Executive Committee (5/93-5/94)
Vice-Chair, Surgery Discipline Committee (10/94-10/96)
Chair, Surgery Discipline Committee, Pediatric Oncology Group (10/96-1/01)
Children's Oncology Group
Full Member (1/01-)
Chair, Surgery Discipline Committee (1/2001-1/06)
Renal Tumors Core Committee (1/01-)

New England Pediatric Surgical Society (12/1/89-)

New England Surgical Society (9/27/92-)

Society of Surgical Oncology (5/22/90-)

EDITORIAL ASSIGNMENTS

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| 1998-2003 | Editorial Board, Annals of Surgical Oncology |
| 1998-2002 | Editorial Consultant, Journal of Pediatric Surgery |
| 2002- | Associate Editor, Journal of Pediatric Surgery |
| 2004- | Editorial Consultant, Pediatric Surgery International |

CURRENT RESEARCH INTERESTS:

Clinical management of solid tumors in infants and children, particularly neuroblastoma, Wilms tumor and chest wall sarcomas. Active in the design and analysis of multi-institutional protocols of these tumors through the Children's Oncology Group.

Surgical management of inflammatory bowel disease in children and adolescents, with an emphasis on long-term functional results. Current prospective study at Children's Hospital of the quality of life outcomes of children and adolescents who have a total abdominal colectomy and ileoanal pullthrough for ulcerative colitis or familial adenomatous polyposis.

RESEARCH FUNDING INFORMATION:

Continuously funded from 1997 to 2006 for my administrative activities as Chair of the Surgical Discipline Committee first, in the Pediatric Oncology Group and now in the Children's Oncology Group. (CA30969). In this position I was responsible for writing the surgical section of the recent COG 5 year grant from the NCI which received an excellent rating with recommended full funding.

TEACHING EXPERIENCE:

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| 1970-1971 | Course Instructor, Honors College, University of Missouri |
| 1982-1983 | Organized weekly surgical grand rounds presentations, as well as weekly morbidity and mortality conferences and clinical service rounds. Extensive responsibility for the clinical instruction of students and residents on a busy ward service. |
| 1984-1985 | Responsible for surgical grand rounds, as well as morbidity and mortality conference. Direct supervision and instruction of an eight to ten resident service responsible for the care of pediatric surgical patients. Clinical instruction of students on core clinical clerkships and the pediatric surgery elective. |
| 1984-1985 | Lecturer at pediatric service course on emergency transport of the neonate. |
| 1988-2004 | Program Coordinator, Children's Hospital Surgical Residency Program. Developed a didactic lecture series for residents and medical students on pediatric surgical service. |
| 1988 | Conference Coordinator for the 9th Annual Pediatric Surgery Residents Conference, Boston November 4-6 |
| 1993 | Co-Chair of Program Committee and moderator for "Progress and Controversies in Pediatric Surgical Oncology", an international conference sponsored by the Pediatric Oncology Group and the Children's |

- Cancer Group, San Francisco, October 9-10
- 1996 Co-Chair of Postgraduate Course in Pediatric Surgery, "Pediatric Neoplasms", American College of Surgeons, San Francisco, October 6-11
- 1998 Co-Chair and Moderator – Seminar on "Germ Cell Tumors", American Academy of Pediatrics, New Orleans, October 31
- 1999 Co-Chair and Moderator – Seminar on "Advances in Surgery Techniques and Oncology", American Academy of Pediatrics, Washington, D.C. October 8
- 2000 Moderator – Panel discussion on "Advances in pectus excavatum repair", American College of Surgeons, San Francisco, October 11
- 2000 Co-Chair and Moderator-Seminar on "Genitourinary Rhabdomyosarcoma", American Academy of Pediatrics, Chicago, October 27
- 2001 Co-Chair and Moderator-Seminar on "Perinatal Tumors", American Academy of Pediatrics, San Francisco, October 19

BIBLIOGRAPHY:

1. Shamberger RC, Sherins RJ, Rosenberg SA. The effects of postoperative adjuvant chemotherapy and radiotherapy on testicular function in men undergoing treatment for soft tissue sarcoma. *Cancer* 1981; 47:2368-74.
2. Norton JA, Shamberger RC, Stein TP, Milne GWA, Brennan MF. The influence of tumor-bearing on protein metabolism in the rat. *J Surg Res* 1981; 30:456-62.
3. Shamberger RC, Rosenberg SA, Seipp CA, Sherins RJ. Effects of high-dose methotrexate and vincristine on ovarian and testicular functions in patients undergoing postoperative adjuvant treatment of osteosarcoma. *Cancer Treat Rep.* 1981; 65:739-46.
4. Shamberger RC, Talbot TL, Tipton HW, Thibault LE, Brennan MF. The effect of ultrasonic and thermal treatment of wounds. *Plast Reconstr Surg* 1981; 68:860-70.
5. Shamberger RC, Sherins RJ, Ziegler JL, Glatstein E, Rosenberg SA. Effects of postoperative adjuvant chemotherapy and radiotherapy on ovarian function in women undergoing treatment for soft tissue sarcoma. *J Natl Cancer Inst* 1981; 67:1213-18.
6. Shamberger RC, Thistlethwaite PA, Thibault LE, Talbot TL, Brennan MF. The effect of testosterone propionate on wound healing in normal and castrate rats. *J Surg Res* 1982; 33:58-68.
7. Shamberger RC, Pizzo PA, Goodgame JT Jr, Lowry SF, Maher MM, Wesley RA, Brennan MF. The effect of total parenteral nutrition on chemotherapy induced myelosuppression: A randomized study. *Am J Med* 1983; 74:40-48.
8. Shamberger RC, Crawford JL, Kirkham SE. Progressive systemic sclerosis resulting in megacolon: A case report. *JAMA* 1983; 250:1063-65.
9. Cambria RP, Shamberger RC. Small bowel obstruction caused by the abdominal cocoon syndrome: Possible association with the LeVeen shunt. *Surgery* 1984; 95:501-3.
10. Shamberger RC, Ottinger LW, Malt RA. Arterial injuries during inguinal herniorrhaphy. *Ann Surg* 1984; 200:83-85.
11. Shamberger RC, Brennan MF, Goodgame JT Jr, Lowry SF, Maher MM, Wesley RA, Pizzo PA. A prospective, randomized study of adjuvant parenteral nutrition in the treatment of sarcomas: Results of metabolic and survival studies. *Surgery* 1984; 96:1-12.
12. Chaikof EL, Shamberger RC, Brewster DC. Traumatic pseudoaneurysms of the abdominal aorta. *J Trauma* 1985; 25:169-73.
13. Shamberger RC, Treat MR, Ottinger LW. Intraduodenal diverticula of the common bile

duct. *Gastroint Endo* 1985; 31:333-36.

14. Shamberger RC, Weinstein HJ, Grier HE, Levey RH. The surgical management of fungal pulmonary infections in children with acute myelogenous leukemia. *J Pediatr Surg* 1985; 20:840-44.
15. Shamberger RC, Weinstein HJ, Delorey MJ, Levey RH. The medical and surgical management of typhlitis in children with acute nonlymphocytic (myelogenous) leukemia. *Cancer* 1986; 57:603-9.
16. Shamberger RC, Welch KJ. Surgical correction of pectus carinatum. *J Pediatr Surg* 1987; 22:48-53.
17. Hoffer FA, Shamberger RC, Teele RL. Ilio-psoas abscess: Diagnosis and management. *Pediatr Radiol* 1987 ;17:23-27.
18. Shamberger RC, Welch KJ, Sanders SP. Mitral valve prolapse associated with pectus excavatum. *J Pediatr* 1987;111:404-407.
19. Shamberger RC, Welch KJ. Surgical correction of chondromanubrial deformity (Currarino Silverman Syndrome). *J Pediatr Surg* 1988;23:319-322.
20. Shamberger RC, Welch KJ. Cardiopulmonary function in pectus excavatum. *Surg Gynecol Obstet* 1988;166:383-391.
21. Shamberger RC, Welch KJ. Surgical repair of pectus excavatum. *J Pediatr Surg* 1988;23:615-622.
22. Shamberger RC, Welch KJ, Castaneda AR, Keane JF, Fyler DC. Anterior chest wall deformities and congenital heart disease. *J Thorac Cardiovasc Surg* 1988;96:427-432.
23. Shamberger RC, Eraklis AJ, Kozakewich HP, Hendren WH. Fate of the distal esophageal remnant following esophageal replacement. *J Pediatr Surg* 1988;23:1210-1214.
24. Adzick NS, Shamberger RC, Winter HS, Hendren WH. Surgical treatment of pancreas divisum causing pancreatitis in children. *J Pediatr Surg* 1989;24:54-58.
25. Shamberger RC, Grier HE, Weinstein HJ, Perez-Atayde AR, Tarbell NJ. Chest wall tumors in infancy and childhood. *Cancer* 1989;63:774-785.
26. Loughlin KR, Retik AB, Weinstein HJ, Colodny AH, Shamberger RC, Delorey M, Tarbell N, Cassady JR, Hendren WH. Genitourinary rhabdomyosarcoma in children. *Cancer* 1989;63:1600-1606.
27. Shamberger RC, Welch KJ, Upton J III. Surgical treatment of thoracic deformity in Poland's syndrome. *J Pediatr Surg* 1989;24:760-766.

28. Waters P, Welch K, Micheli LJ, Shamberger R, Hall JE. Scoliosis in children with pectus excavatum and pectus carinatum. *J Pediatr Ortho* 1989;9:551-556.
29. Shamberger RC, LaQuaglia MP. Resection of a tumor of the psoas muscle. *J Pediatr Surg* 1989;24:933-935.
30. Vacanti JP, Shamberger RC, Eraklis A, Lillehei CW. The therapy of biliary atresia combining the Kasai portoenterostomy with liver transplantation: A single center experience. *J Pediatr Surg* 1990;25:149-152.
31. Ambrosino DM, Delaney NR, Shamberger RC. Human polysaccharide-specific B cells are responsive to pokeweed mitogen and IL-6. *J Immunol* 1990;144:1221-1226.
32. Hoffer FA, Kozakewich H, Shamberger RC. Percutaneous biopsy of thoracic lesions in children. *Cardiovasc Intervent Radiol* 1990;13:32-35.
33. Whalen GF, Shamberger RC, Perez-Atayde A, Folkman J. A proposed cause for the hepatic dysfunction associated with parenteral nutrition. *J Pediatr Surg* 1990; 25:622-626.
34. Shamberger RC, Holzman RS, Griscom NT, Tarbell NJ, Weinstein HJ. CT quantitation of tracheal cross-sectional area as a guide to the surgical and anesthetic management of children with anterior mediastinal masses. *J Pediatr Surg* 1991;26:138-142.
35. Fletcher JA, Kozakewich HP, Pavelka K, Grier HE, Shamberger RC, Korf B, Morton CC. Consistent cytogenetic aberrations in hepatoblastoma: A common pathway of genetic alterations in embryonal liver and skeletal muscle malignancies? *Genes, Chromosomes and Cancer* 1991;3:37-43.
36. Davis PW, Williams DA, Shamberger RC. Immune thrombocytopenia: Surgical therapy and predictors of response. *J Pediatr Surg* 1991;26:407-413.
37. Shamberger RC, Allarde-Segundo A, Kozakewich HPW, Grier HE. Surgical management of Stage III and IV neuroblastoma: Resection before or after chemotherapy? *J Pediatr Surg* 1991;26:1113-1118.
38. Estroff JA, Shamberger RC, Diller L, Benacerraf BR. Neuroblastoma. *The Fetus* 1991;1:1-3.
39. Shamberger RC, Weinstein HJ. The role of surgery in abdominal Burkitt's lymphoma. *J Pediatr Surg* 1992;27:236-240.
40. Bines JE, Shamberger RC, Perez-Atayde A, Rosenberg SJ, Winter HS. Multiple biliary papillomatosis in a child. *J Pediatr Gastro Nutri* 1992;14:309-313.
41. Nemes J, Barnaby K, Shamberger RC. Experience with a nurse practitioner program in the

surgical department of a children's hospital. *J Pediatr Surg* 1992;27:1038-42.

42. Lillehei CW, Everts E, Shamberger RC. Reduced-size lung transplantation from adult to neonatal sheep. *J Pediatr Surg* 1992;27:1153-1156.
43. Ambrosino DM, Lee MC, Chen D, Shamberger RC. Response to *Haemophilus influenzae* type B conjugate vaccine in children undergoing splenectomy. *J Pediatr Surg* 1992;27:1045-1048.
44. Shamberger RC, Wohl ME, Perez-Atayde A, Hendren WH. Pneumatocele complicating hyperimmunoglobulin E syndrome (Job's syndrome). *Ann Thorac Surg* 1992;54:1206-8.
45. May D, Shamberger R, Newbury R, Teele RL. Juvenile granulosa cell tumor of an intraabdominal testis. *Pediatr Radiol* 1992;22:507-508.
46. West DC, Shamberger RC, Macklis RM, Kozakewich HPW, Wayne AS, Kreissman SG, Korf BR, Lavally B, Grier HE. Stage III Neuroblastoma over 1 year of age at diagnosis: Improved survival with intensive multimodality therapy including multiple alkylating agents. *J Clin Oncol* 1993;11:84-90.
47. Bhattacharyya N, Wayne AS, Kevy SV, Shamberger RC. Perioperative management for cholecystectomy in sickle cell disease. *J Pediatr Surg* 1993;28:72-75.
48. Saenz NC, Schnitzer JJ, Eraklis AE, Hendren WH, Grier HE, Macklis RM, Shamberger, RC. Posterior mediastinal masses. *J Pediatr Surg* 1993; 28:172-176.
49. Perez-Atayde AR, Shamberger RC, Kozakewich HWP. Neuroectodermal differentiation of the gastrointestinal tumors in the Carney triad. An ultrastructural and immunohistochemical study. *Am J Surg Path* 1993;17:706-714.
50. Gylys-Morin V, Hoffer FA, Kozakewich H, Shamberger RC. Wilms' tumor and nephroblastomatosis: Imaging characteristics by Gadolinium-enhanced MR imaging. *Radiology* 1993;188:517-521.
51. Ho PTC, Estroff JA, Kozakewich H, Shamberger RC, Lillehei CW, Grier HE, Diller L. Prenatal detection of neuroblastoma: A ten-year experience from the Dana-Farber Cancer Institute and Children's Hospital. *Pediatrics* 1993;92:358-364.
52. Kain ZN, Shamberger RC, Holzman RS. Anesthetic management of children with neuroblastoma. *J Clin Anesth* 1993;5:486-491.
53. Shamberger RC, Hendren WH, Leichtner AM. Long-term nutritional and metabolic consequences of pancreaticoduodenectomy in children. *Surgery* 1994;115:382-388.
54. Shamberger RC, Tarbell NJ, Perez-Atayde AR, Grier HE. Malignant small round cell tumor (Ewing's-PNET) of the chest wall in children. *J Pediatr Surg* 1994;29:179-185.

55. Shamberger RC, Lillehei CW, Nurko S, Winter HS. Anorectal function in children after ileoanal pull-through. *J Pediatr Surg* 1994; 29:329-333.
56. Shamberger RC, Macklis RM, Sallan, SE. Recent experience with Wilms' tumor:1978-1991. *Ann Surg Oncol* 1994;1:59-65.
57. Breuer CK, Mauch PM, Tarbell NJ, Weinstein HJ, Morrissey M, Neuberg D, Shamberger RC. The importance of staging laparotomy in pediatric Hodgkin's disease. *J Pediatr Surg* 1994; 29:1085-1089.
58. Lillehei CW, Shamberger RC, Mayer JE Jr, Burke RP, Koka BV, Arnold J, Wessel DL, Lanzberg M, Palazzo R. Size disparity in pediatric lung transplantation. *J Pediatr Surg* 1994;29:1152-1156.
59. Collins Donahue M, Evangelista JK, Shamberger RC. Effect of Golytely on serum electrolytes and hydration status in infants. *J Pediatr Surg* 1994;29:1095-1096.
60. Bromley B, Shamberger RC, Benacerraf B. An unusual outcome for fetus with gastroschisis. *J Ultrasound Med* 1995;14:69-72.
61. Shamberger RC, Lund DP, Lillehei CW, Hendren WH III. Interposed jejunal segment with nipple valve to prevent reflux in biliary reconstruction. *J Am Coll Surg* 1995;180:10-15.
62. Healey EA, Shamberger RC, Grier HE, Loeffler JS, Tarbell NJ. A 10-year experience of pediatric brachytherapy. *Int J Rad Oncol Biol Phys* 1995;32:451-455.
63. Shamberger RC, Holzman RS, Griscom NT, Tarbell NJ, Weinstein HJ, Wohl ME. Prospective evaluation by computed tomography and pulmonary function tests of children with mediastinal masses. *Surgery* 1995;118:468-471.
64. Tsakayannis DE, Shamberger RC. Association of imperforate anus with occult spinal dysraphism. *J Pediatr Surg* 1995;30:1010-1012.
65. Tsakayannis DE, Mitchell K, Kozakewich HPW, Shamberger RC. Splenic preservation in the management of splenic epidermoid cysts in children. *J Pediatr Surg* 1995;30:1468-1470.
66. Molrine DC, George S, Tarbell N, Mauch P, Diller L, Neuberg D, Shamberger RC, Anderson EL, Phillips NR, Kinsella K, Ambrosino DM. Antibody responses to polysaccharide and polysaccharide-conjugate vaccines after treatment of Hodgkin disease. *Ann Intern Med* 1995;123:828-834.
67. Duggan C, Shamberger RC, Antonioli D, Leichtner AM. Intraoperative enteroscopy in the diagnosis of partial intestinal obstruction in infancy. *Dig Dis Sci* 1995;40:2236-2238.

68. Chan CY, Molrine DC, George S, Tarbell NJ, Mauch P, Diller L, Shamberger RC, Phillips NR, Goorin A, Ambrosino DM. Pneumococcal conjugate vaccine primes for antibody response to polysaccharide pneumococcal vaccine following treatment of Hodgkin's disease. *J Infect Dis* 1996;173:256-258.
69. Shipp TD, Shamberger RC, Benacerraf BR. Prenatal diagnosis of a Grade IV sacrococcygeal teratoma. *J Ultrasound Med* 1996;15:175-177.
70. Hoffer FA, Chung T, Diller L, Kozakewich H, Fletcher JA, Shamberger RC. Percutaneous biopsy for prognostic testing of neuroblastoma. *Radiology* 1996;200:213-216.
71. Shamberger RC, Leichtner AM, Jonas MM, LaQuaglia MP. Long-term hepatic regeneration and function in infants and children following liver resection. *J Am Coll Surg* 1996;182:515-519.
72. Gorlin JB, Humphreys D, Kent P, Galacki D, Kevy SV, Grupp S, Diller L, Weinstein H, Grier H, Shamberger R. Pediatric large volume peripheral blood progenitor cell collections from patients under 25kg: A primer. *J Clin Apheresis* 1996;11:195-203.
73. Horwitz JR, Ritchey ML, Moksness J, Breslow NE, Smith GR, Thomas PRM, Haase G, Shamberger RC, Beckwith JB. Renal salvage procedures in patients with synchronous bilateral Wilms' tumors: A report from the National Wilms' Tumor Study Group. *J Pediatr Surg* 1996;31:1020-1025.
74. Patel HL, Leichtner AM, Colodny AH, Shamberger RC. Surgery for Crohn's disease in infants and children. *J Pediatr Surg* 1997;32:1063-1068.
75. Nobuhara KK, Gorski YC, LaQuaglia MP, Shamberger RC. Bronchogenic cysts and esophageal duplications: Common origins and treatment. *J Pediatr Surg* 1997;30:1408-1413.
76. Marcus KC, Grier HE, Shamberger RC, Gebhardt MC, Perez-Atayde A, Silver B, Tarbell NJ. Childhood soft tissue sarcoma: 20-year experience. *J Pediatr* 1997;131:603-607.
77. Shibata D, Shamberger RC. Splenosacral sinus after splenorrhaphy: Case report. *J Trauma* 1997;43:980-982.
78. Strother D, van Hoff J, Rao PV, Smith EI, Shamberger RC, Halperin E, Murray K, Castleberry RP. Event-free survival of children with biologically favourable neuroblastoma based on degree of initial tumour resection: Results from the Pediatric Oncology Group. *Eur J Cancer* 1997;33:2121-2125.
79. Kozakewich HPW, Perez-Atayde AR, Donovan MJ, Fletcher JA, Estroff JA, Shamberger RC, Diller L. Cystic neuroblastoma: Emphasis on gene expression, morphology, and pathogenesis. *Pediatr Devel Pathol* 1998;1:17-28.

80. Shamberger RC, Smith EI, Joshi VV, Rao PV, Hayes FA, Bowman LC, Castleberry RP. The risk of nephrectomy during local control in abdominal neuroblastoma. *J Pediatr Surg* 1998;33:161-164.
81. Siddiqui AM, Shamberger RC, Filler RM, Perez-Atayde AR, Lillehei CW. Enteric duplications of the pancreatic head; definitive management by local resection. *J Pediatr Surg* 1998;33:1117-1121.
82. Chaignaud BE, Bonsack TA, Kozakewich HP, Shamberger RC. Pleural effusions and lymphoblastic lymphoma: A diagnostic alternative. *J Pediatr Surg* 1998;33:1355-1357.
83. Vazquez JL, Barnewolt CE, Shamberger RC, Chung T, Perez-Atayde AR. Ossifying renal tumor of infancy presenting as a palpable abdominal mass. *Pediatr Radiol* 1998;28:454-457.
84. Shamberger RC, Masek BJ, Leichtner AM, Winter HS, Lillehei CW. Quality of life assessment following ileoanal pullthrough for ulcerative colitis and familial adenomatous polyposis. *J Pediatr Surg* 1999;34:163-166.
85. Ibla JC, Shamberger RC, DiCanzio J, Zurakowski D, Koka BV, Lillehei CW. Lung growth after reduced size transplantation in a sheep model. *Transplantation* 1999;67:233-240.
86. Shamberger RC, Guthrie KA, Ritchey ML, Haase GM, Takashima J, Beckwith JB, D'Angio GJ, Green DM, Breslow NE. Surgery-related factors and local recurrence of Wilms tumor in National Wilms Tumor Study-4. *Ann Surg* 1999;229:292-297.
87. Maloo MK, Burrows PE, Shamberger RC. Traumatic splenic arteriovenous fistula – splenic conservation by embolization. *Trauma* 1999;47:173-175.
88. Pearse I, Glick RD, Abramson SJ, Gerald WR, Shamberger RC, LaQuaglia MP. Testicular-sparing surgery for benign testicular tumors. *J Pediatr Surg* 1999; 34:1000-1003.
89. Fishman SJ, Shamberger RC, Fox VL, Burrows PE. Endorectal pull-through abates gastrointestinal hemorrhage from colorectal venous malformations. *J Pediatr Surg* 2000;35:982-984.
90. Shamberger RC, LaQuaglia MP, Krailo MD, Miser JS, Pritchard DJ, Gebhardt MC, Healey JH, Tarbell NJ, Fryer CJH, Meyers PA, Grier HE. Ewing sarcoma of the rib: Results of an intergroup study with analysis of outcome by timing of resection. *J Thorac Cardiovasc Surg* 2000;119:1154-1161.
91. Grupp SA, Stern JW, Ross AA, Mongul M, Adams R, Grier HE, Gorlin JB, Shamberger RC, Nancarrow C, Neuberg D, Weinstein HJ, Diller L. Tandem high dose therapy in rapid sequence for children with high-risk neuroblastoma. *J Clin Oncol* 2000;18:2567-2575.
92. Shamberger RC, Hergrueter CA, Lillehei CW. Use of a gracilis muscle flap to facilitate

delayed ileal pouch-anal anastomosis. *Dis Colon Rectum* 2000;43:1628-1631.

93. Ritchey ML, Shamberger RC, Haase G, Horwitz J, Bergemann T, Breslow NE. Surgical complications after primary nephrectomy for Wilms' tumor: Report from the National Wilms Tumor Study Group. *J Am Coll Surg* 2001;192:63-68.
94. Shamberger RC, Ritchey ML, Haase GM, Bergemann TL, Loechelt-Yoshioka T, Breslow NE, Green DM. Intravascular extension of Wilms tumor. *Ann Surg* 2001;234:116-121.
95. Lillehei CW, Shamberger RC. Staged reconstruction for middle aortic syndrome. *J Pediatr Surg* 2001;36:1252-1254.
96. Green DM, Breslow NE, Beckwith JB, Ritchey ML, Shamberger RC, Haase GM, D'Angio GJ, Perlman E, Donaldson M, Grundy PE, Weetman R, Coppes MJ, Malogolowkin M, Shearer P, Coccia P, Kletzel M, Thomas PRM, Macklis R, Tomlinson G, Huff V, Newbury R, Weeks D. Treatment with nephrectomy only for small, stage I/favorable histology Wilms' tumor: A report from the National Wilms' Tumor Study Group. *J Clin Oncol* 2001;19:3719-3724.
97. Parsons SK, Fishman SJ, Hoorntje LE, Jaramillo D, Marcus KC, Perez-Atayde AR, Kozakewich HP, Grier HE, Shamberger RC. Aggressive multimodal treatment of pleuropulmonary blastoma. *Ann Thorac Surg* 2001;72:939-942.
98. Fishman SJ, Puder M, Geva T, Jenkins K, Ziegler MM, Shamberger RC. Cardiac relocation and chest wall reconstruction after separation of thoracopagus conjoined twins with a single heart. *J Pediatr Surg* 2002;37:515-517.
99. Neville H, Ritchey ML, Shamberger RC, Haase G, Perlman S, Yoshioka T. The occurrence of Wilms tumor in horseshoe kidneys: A report from the National Wilms Tumor Study Group (NWTSG). *J Pediatr Surg* 2002;37:1134-1137.
100. Loh ML, Ahn P, Perez-Atayde AR, Gebhardt MC, Shamberger RC, Grier HE. Treatment of infantile fibrosarcoma with chemotherapy and surgery: Results from the Dana-Farber Cancer Institute and Children's Hospital, Boston. *J Pediatr Hematol Oncol* 2002;24:722-726.
101. Seefelder C, Hill DR, Shamberger RC, Holzman RS. Awake caudal anesthesia for inguinal surgery in one conjoined twin. *Anesth Analg* 2003;96:412-413.
102. Blakely ML, Shamberger RC, Norkool P, Beckwith JB, Green DM, Ritchey ML. Outcome of children with cystic partially differentiated nephroblastoma treated with or without chemotherapy. *J Pediatr Surg* 2003;38:897-900.
103. Shamberger RC, LaQuaglia MP, Gebhardt MC, Neff JR, Tarbell NJ, Marcus KC, Sailer SL, Womer RB, Miser JS, Dickman PS, Perlman EJ, Devidas M, Linda SB, Krailo MP, Grier HE, Granowetter L. Ewing sarcoma/primitive neuroectodermal tumor of the chest wall:

Impact of initial versus delayed resection on tumor margins, survival, and use of radiation therapy. *Ann Surg* 2003;238:563-568.

104. Marcus KJ, Shamberger R, Litman H, von Allmen D, Grupp SA, Nancarrow CM, Goldwein J, Grier HE, Diller L. Primary tumor control in patients with stage 3/4 unfavorable neuroblastoma treated with tandem double autologous stem cell transplants. *J Pediatr Hematol Oncol* 2003; 25:934-940, 2003.
105. Viswanathan AN, Grier HE, Litman HJ, Perez-Atayde A, Tarbell NJ, Neuberg D, Shamberger RC, Marcus KJ. Outcome for children with group III rhabdomyosarcoma treated with or without radiotherapy. *Int J Radiat Oncol Biol Phys* 2004;58:1208-1214.
106. Zambrano E, Holm I, Glickman J, Huang S, Perez-Atayde A, Kozakewich HPW, Shamberger RC, Nosé V. Abnormal distribution and hyperplasia of thyroid C-cells in PTEN-associated tumor syndromes. *Endocr Pathol* 2004;15:55-64.
107. Breslow NE, Ou SS, Beckwith JB, Haase GM, Kalapurakal JA, Ritchey ML, Shamberger RC, Thomas PR, D'Angio GJ, Green DM. Doxorubicin for favorable histology, Stage II-III Wilms tumor: Results from the National Wilms Tumor Studies. *Cancer* (2004;101:1072-1080.
108. Ehrlich PE, Ritchey ML, Hamilton TE, Haase GM, Ou S, Breslow N, Grundy P, Green D, Norkool P, Becker J, Shamberger RC. Quality Assessment for Wilms' tumor: a report from the National Wilms' Tumor Study-5. *J Pediatr Surg* 2005;40:208-213.
109. Sparks JW, Seefelder C, Shamberger RC, McGowan FX. The perioperative management of a patient with complex single ventricle physiology and pheochromocytoma. *Anesth Analg* 2005; 100:972-5.
110. Brown SD, vanSonnenberg E, Morrison PR, Diller L, Shamberger RC. CT-Guided radiofrequency ablation of pediatric Wilms tumor in a solitary kidney: *Pediatr Radiol* 2005;35:923-928.
111. Seefelder C, Sparks JW, Chirnomas D, Diller L, Shamberger RC. Perioperative management of a child with severe hypertension from a catecholamine secreting neuroblastoma. *Pediatr Anesth* 2005;15:606-10.
112. von Allmen D, Grupp S, Diller L, Marcus K, Ecklund K, Meyer J, Shamberger RC. Aggressive surgical therapy and radiotherapy for patients with high risk neuroblastoma treated with rapid sequence tandem transplant. *J Pediatr Surg* 2005;40:936-941.
113. Applebaum H, Kieran MW, Cripe TP, Coffin CM, Collins MH, Kaipainen A, Laforme A, Shamberger RC. The rationale for non-steroidal anti-inflammatory drug therapy of inflammatory myofibroblastic tumors: A children's oncology group study. *J Pediatr Surg* 2005;40:999-1003.

114. Grundy PE, Breslow NE, Li S, Perlman E, Beckwith JB, Ritchey ML, Shamberger RC, Haase GM, D'Angio GJ, Donaldson M, Coppes MJ, Malogolowkin M, Shearer P, Thomas PR, Macklis R, Tomlinson G, Huff V, Green DM. Loss of heterozygosity for chromosomes 1p and 16q is an adverse prognostic factor in favorable-histology Wilms tumor. A report from the National Wilms Tumor Study Group. *J Clin Oncol* 2005;23:7312-7321.
115. Ritchey ML, Shamberger RC, Hamilton T, Haase G, Argani P, Peterson S. Fate of bilateral renal lesions missed on preoperative imaging: A report from the National Wilms Tumor Study Group. *J Urol* 2005;174:1519-1521.
116. Perlman EJ, Faria P, Soares A, Hoffer F, Sredi S, Ritchey M, Shamberger RC, Green D, Beckwith JB. Hyperplastic perilobar nephroblastomatosis: Long-term survival of 52 patients. *Pediatr Blood Cancer* 2006;46:203-221.
117. Ehrlich PF, Hamilton TE, Grundy P, Ritchey M, Haase G, Shamberger RC. The value of surgery in directing therapy for patients with Wilms' tumor with pulmonary disease: A report from the National Wilms' Tumor Study Group (National wilms' Tumor Study 5). *J Pediatr Surg* 2006; 41:1620-167.
118. Breslow NE, Beckwith JB, Haase GM, Kalapurakal JA, Ritchey ML, Shamberger RC, Thomas PRM, D'Angio GJ, Green DM. Radiation therapy for favorable histology Wilms tumor: Prevention of flank recurrence did not improve survival in National Wilms Tumor Studies 3 and 4. *Int J Radiat Oncol Biol Phys* 2006;65:203-209.
119. Green DM, Cotton CA, Malogolowkin M, Breslow NE, Perlman E, Miser J, Ritchey ML, Thomas PR, Grundy PE, D'Angio GJ, Beckwith JB, Shamberger RC, Haase GM, Donaldson M, Weetman R, Coppes MJ, Shearer P, Coccia P, Kletzel M, Macklis R, Tomlinson G, Huff V, Newbury R, Weeks D. Treatment of Wilms tumor relapsing after initial treatment with vincristine and actinomycin D: A report from the National Wilms tumor Study Group. *Pediatr Blood Cancer* 2006;
120. Shamberger RC, Haase GM, Argani P, Perlman EJ, Cotton CA, Takashima J, Green DM, Ritchey ML. Bilateral Wilms tumors with progressive or nonresponsive disease. *J Pediatr Surg* 2006;41:652-657.
121. Dome JS, Cotton CA, Perlman EJ, Breslow NE, Kalapurakal JA, Ritchey ML, Grundy PE, Malogolowkin M, Beckwith JB, Shamberger RC, Haase GM, Coppes MJ, Coccia P, Kletzel M, Weetman RM, Donaldson M, Macklis RM, Green DM. Treatment of anaplastic histology Wilms' tumor: results from the fifth National Wilms' Tumor Study. *J Clin Oncol* 2006;24:2352-2358.
122. Hamilton TE, Green DM, Perlman EJ, Argani P, Grundy P, Ritchey ML, Shamberger RC. Bilateral Wilms' tumor with anaplasia: Lessons from the National Wilms' Tumor Study. *J Pediatr Surg* 2006;41:1641-1644.

123. George RE, Li S, Medeiros-Nancarrow C, Neuberg D, Marcus K, Shamberger RC, Pulsipher M, Grupp SA, Diller L. High-risk neuroblastoma treated with tandem autologous peripheral-blood stem cell-supported transplantation: Long-term survival update. *J Clin Oncol* 2006;24:2891-2896.
124. Hait EJ, Bousvaros A, Schuman M, Shamberger RC, Lillehei CW. Pouch outcomes among children with ulcerative colitis treated with calcineurin inhibitors before ileal pouch anal anastomosis surgery. *J Pediatr Surg* 2007;42:31-35.

INVITED CHAPTERS AND ARTICLES:

1. Shamberger RC, Devereux DF, Brennan MF. The effect of chemotherapeutic agents on wound healing. In: Murphy GP, Ed. *International Advances in Surgical Oncology*, 1981; 4:15-58.
2. Shamberger R. Effect of chemotherapy and radiotherapy on wound healing: Experimental studies. *Recent Results Cancer Research* 1985; 98:17-34.
3. Shamberger RC: Surgical management of ulcerative colitis. In Common Problems in Pediatric Gastroenterology and Nutrition. Ed. by Snyder JD and Walker WA. Year Book Medical Publishers, Chicago, IL (1989).
4. Welch KJ and Shamberger RC: Chest wall deformities. In General Thoracic Surgery. 3rd Edition by Shields TW. Lea and Febiger, Philadelphia, PA (1989).
5. Shamberger RC, Welch KJ. Sternal Defects. *Pediatr Surg Int* 1990;5:156-164.
6. Bousvaros A, Shamberger RC, Winter HS: Abdominal wall defects. In Rudolph's Pediatrics. 19th Edition. Ed. by Rudolph AM. Appleton and Lange, Norwalk, CT (1991).
7. Shamberger RC, Lillehei CW, Winter HS. Update on surgery for ulcerative colitis. Part II: Surgical management of ulcerative colitis in children and adolescents. In Progress in Inflammatory Bowel Disease. 12:4-7, 1991.
8. Vacanti JP, Leichtner A, Shamberger RC, Eraklis AJ, Lillehei CW. The surgical management of biliary atresia at Children's Hospital, Boston. Proceedings of the Fifth International Sendai Symposium on Biliary Atresia, Sendai, Japan: Icom Associates, Inc., May 28-29, 1991.
9. Caty MG and Shamberger RC: Duodenal atresia in the newborn. Postgraduate General Surgery. 4:16-19, 1992.
10. Shamberger RC and Welch KJ: Chest wall deformities. In Pediatric Surgery. 2nd Edition by Ashcraft KW and Holder TM. WB Saunders Co., Philadelphia, PA (1993).
11. Shamberger RC: Congenital deformities of the anterior chest wall. In Current Pediatric Therapy. 14th Edition. Ed. by Burg FD, Ingelfinger JR, Wald ER. WB Saunders Co., Philadelphia, PA (1993).
12. Caty MG and Shamberger RC: Abdominal tumors in infancy and childhood. Pediatr Clin North Am. 40:1253-1271, 1993.
13. Shamberger RC: Chest wall deformities. In General Thoracic Surgery. Vol 1, 4th Edition. Ed. by Shields TW. Williams & Wilkins, Malvern, PA (1994).

14. Shamberger RC and Hendren WH: Thoracic surgical problems in infants and children. In Oxford Textbook of Surgery. Vol 1. Ed by Morris PJ and Malt RA. Oxford University Press, Oxford, G.B. (1994).
15. Shamberger RC: Duplications of the gastrointestinal tract and mesenteric cysts. In Oxford Textbook of Surgery. Vol 1. Ed. by Morris PJ and Malt RA. Oxford University Press, Oxford, G.B. (1994).
16. Shamberger RC, Grier HE: Chest wall tumors in infants and children. In Seminars in Pediatric Surgery. Ed. by Gans SL, Grosfeld JL. WB Saunders Co., Philadelphia, PA. 1994;3:267-276.
17. Shamberger RC and Hendren WH III: Cysts and duplications in infants and children. In Thoracic Surgery. Ed. by Pearson FG, et al. Churchill Livingstone, New York (1995).
18. Shamberger RC and Hendren WH III: Congenital deformities. In Thoracic Surgery. Ed. by Pearson FG, et al. Churchill Livingstone, New York (1995).
19. Shamberger RC: Mediastinal masses. In Rob and Smith's Operative Surgery: Pediatric Surgery. 5th Edition. Ed. by Spitz L and Coran AG. Chapman & Hall Medical, London, G.B. (1995).
20. Shamberger RC: Congenital deformities of the anterior chest wall. In Current Pediatric Therapy 15. Ed. by Burg FD, Ingelfinger JR, Wald ER, Polin RA. WB Saunders Co., Philadelphia, PA (1996).
21. Shamberger RC and Welch KJ: Congenital thoracic deformities. In Newborn Surgery. Ed. by Puri P. Butterworth-Heinemann, Oxford, G.B. (1996).
22. Shamberger RC: Current issues in the management of Wilms' tumor. The article reviewed. *Oncology* 1996;10:1565-1566.
23. Green DM, Tarbell NJ and Shamberger RC: Solid tumors of childhood. In Cancer: Principles and Practice of Oncology. 5th Edition. Ed. by DeVita VT Jr, Hellman S, and Rosenberg SA. Lippincott-Raven, Philadelphia, PA (1997).
24. Shamberger RC: Depression deformities: Pectus excavatum. In Pediatric Surgery and Urology: Long Term Outcomes. Ed. by Stringer MD, Oldham KT, Mouriquand PDE and Howard ER. WB Saunders Company, Ltd, London, G.B. (1998)
25. Shamberger RC: Congenital chest wall deformities. In Pediatric Surgery. 5th Edition. Ed. by O'Neill JA Jr, Rowe MI, Grosfeld JL, Fonkalsrud EW and Coran AG. Mosby, St Louis, MO (1998).
26. Shamberger RC: Umbilical problems. In Ambulatory Pediatric Care. 3rd Edition. Ed. by Dershewitz RA. Lippincott-Raven Publishers, Philadelphia, PA (1999).

27. Shamberger RC: Thoracic tumors. In The Surgery of Childhood Tumors. Ed. by Carachi R, Azmy A and Grosfeld JL. Arnold Publishers, Ltd, London, G.B. (1999).
28. Shamberger RC: Renal tumors in infants and children. Seminars in Surgical Oncology Vol. 16, No. 2. Ed. by Murphy GP, Guest ed. by Wiener ES. Wiley –Liss, New York, NY (1999).
29. Shamberger RC: Pre anesthetic evaluation of children with anterior mediastinal masses. In Seminars in Pediatric Surgery. Guest Ed. by Shamberger RC and Esposito G. WB Saunders Co., Philadelphia, PA (1999).
30. Shamberger RC: Deformidades de la pared toracica. Revista Cirugia Infantil 1999;9:5-13.
31. Lillehei CW, Meyer JE Jr, Shamberger RC, Waltz DA: Pediatric lung transplantation and “Lessons from Green Surgery”. Ann Thorac Surg 1999;68:S25-7.
32. Shamberger RC: Chest wall deformities. In General Thoracic Surgery. 5th Edition. Ed. by Shields TW, LoCicero J III, and Ponn RB. Lippincott Williams & Wilkins, Philadelphia, PA (2000).
33. Shamberger RC: Chest wall deformities. In Pediatric Surgery. 3rd Edition. Ed. by Ashcraft KW. WB Saunders Co., Philadelphia, PA (2000).
34. Shamberger RC: Cardiopulmonary effects of anterior chest wall deformities. Chest Surg Clin North Am 2000;10:245-252.
35. Shamberger RC and Hendren WH: Thoracic surgical problems. In Oxford Textbook of Surgery. 2nd Edition. Ed. by Morris PJ and Wood WC. Oxford University Press, Oxford, G. B. (2000).
36. Shamberger RC: Duplications of the gastrointestinal tract and mesenteric cysts. In Oxford Textbook of Surgery. 2nd Edition. Ed. by Morris PJ and Wood WC. Oxford University Press, Oxford, G. B. (2000).
37. Shamberger RC: Paediatric solid tumours. In Oxford Textbook of Surgery. 2nd Edition. Ed. by Morris PJ and Wood WC. Oxford University Press, Oxford, G. B. (2000).
38. Ebb DH, Green DM, Shamberger RC, and Tarbell NJ: Solid tumors of childhood. In Cancer: Principles and Practice of Oncology. 6th Edition. Ed. by DeVita VT Jr, Hellman S, and Rosenberg SA. Lippincott Williams & Wilkins, Philadelphia, PA (2001).
39. Shamberger RC, Grier HE: Ewing’s sarcoma/Primitive neuroectodermal tumor of the chest wall. In Seminars in Pediatric Surgery. Guest Ed. by Rescorla, FL. WB Saunders Co., Philadelphia, PA 2001;10:153-160.
40. Shamberger RC, Jaksic T, Ziegler MM: General Principles of Surgery. In Principles and

Practice of Pediatric Oncology, 4th Edition. Ed. by Pizzo PA and Poplack DG. Lippincott Williams & Wilkins, Philadelphia, PA (2002).

41. Shamberger RC and Hendren WH III: Cysts and duplications in infants and children. In Thoracic Surgery. 2nd Edition. Ed. by Pearson FG, et al. Churchill Livingstone, New York, NY (2002).
42. Shamberger RC and Hendren WH III: Congenital deformities of the chest wall and sternum. In Thoracic Surgery. 2nd Edition. Ed. by Pearson FG, et al. Churchill Livingstone, New York, NY (2002).
43. Ritchey ML, Raney RB Jr, Shamberger RC, Coppes M: Pediatric urologic oncology. In Campbell's Urology, 8th Edition. Ed by Walsh PC, Retik AB, Vaughan ED Jr, Wein AJ. Saunders, Philadelphia, PA (2002).
44. Shamberger RC: Pectus excavatum. In Operative Pediatric Surgery. Ed. by Ziegler MM, Azizkhan RG, and Weber TR. McGraw-Hill Professional, New York, NY (2003).
45. Lillehei CW, Shamberger RC: Reoperative esophageal surgery. In Seminars in Pediatric Surgery 2003;12:100-106.
46. Shamberger RC: Congenital thoracic deformities. In Newborn Surgery, 2nd Edition. Ed by Puri P. Arnold Publishers, London (2003).
47. Shamberger RC: Chest wall deformities. In General Thoracic Surgery, 6th Edition. Ed by Shields TW. Lippincott Williams & Wilkins, Philadelphia, PA (2004)
48. Shamberger RC: Congenital Chest Wall Deformities. In Sabiston & Spencer's Surgery of the Chest, 7th Edition. Ed. By Selke FW, del Nido PJ, Swanson SJ. Elsevier Saunders, Inc. Philadelphia, PA (2005).
49. Shamberger RC: Renal Tumors. In Pediatric Surgery, 4th Edition. Ed. by Ashcraft KW, Holcomb GW III, Murphy JP. Elsevier Saunders Inc, Philadelphia, PA (2005).
50. Shamberger RC: Renal Tumors. In Principles and Practice of Pediatric Surgery. Ed. by Oldham KT, Colombani PM, Foglia RP, Skinner MA. Lippincott Williams & Wilkins, Philadelphia, PA (2005).
51. Shamberger RC: Nephrectomy only for low risk Wilms tumor. In Dialogues in Pediatric Urology 2005;26:3-4.
52. Shamberger RC: Repair of pectus excavatum. In Pediatric Surgery: Springer Surgery Atlas Series. Ed by Puri P and Höllwarth ME. Springer Publishers, New York, NY (2005).
53. Ebb DH, Green DM, Shamberger RC, and Tarbell NJ: Solid tumors of childhood. In

Cancer: Principles and Practice of Oncology. 7th Edition. Ed. by DeVita VT Jr, Hellman S, and Rosenberg SA. Lippincott Williams & Wilkins, Philadelphia, PA (2005).

54. Shamberger RC, Jaksic T, Ziegler MM: General Principles of Surgery. In Principles and Practice of Pediatric Oncology, 5th Edition. Ed. by Pizzo PA and Poplack DG. Lippincott Williams & Wilkins, Philadelphia, PA (2006).
55. Shamberger RC: Congenital chest wall deformities. In Pediatric Surgery, 6th Edition. Ed. by Grosfeld JL, O'Neill JA Jr, Fonkalsrud EW, and Coran AG. Mosby Elsevier, Philadelphia, PA (2006).
56. Shamberger RC: Mediastinal masses. In Operative Pediatric Surgery, 6th Edition. Ed. by Spitz L and Coran AG. Hodder Arnold Ltd., London, United Kingdom (2006).
57. Shamberger RC, Nuss D, Goretsky MJ: Surgical treatment of chest wall deformities. In Operative Pediatric Surgery, 6th Edition. Ed. By Spitz L and Coran AG. Hodder Arnold Ltd., London, United Kingdom (2006).
58. Ritchey RL, Shamberger RC: Pediatric urologic oncology. In Campbell-Walsh Urology, 9th Edition. Ed. by Wein AJ, Kavoussi LR, Novick AC, Partin AW, and Peters CA. Saunders Elsevier, Philadelphia, PA (2007).

BOOKS AND MONOGRAPHS

1. Shamberger RC: Congenital chest wall deformities. Monograph In Current Problems in Surgery. Ed. by Wells SA Jr. Mosby-Year Book, St Louis, MO (Vol. XXXIII, No. 6, 1996).
2. Mediastinal tumors in children: Seminars in Pediatric Surgery. Ed. by Shamberger RC and Esposito G. W. B. Saunders Co. Philadelphia, PA (Vol. 8, No. 2, 1999).
3. Principles of Pediatric Surgery, 2nd Edition. Ed. by O'Neill JA Jr, Grosfeld JL, Fonkalsrud EW, Coran AG, Caldamone AA, Assoc. Ed. Holcomb GW III, Nakayama DK, Laberge JM, Shamberger R, Schwartz MZ, Stolar CJ, Hirschl RB, Teitelbaum DH, Borer JG, Cain MP. Mosby, St Louis, MO.

ABSTRACTS:

1. Martuza RL, Shamberger RC, Phillips JP, Kornblith PL, Dohan FC Jr, Hochberg FH. A lymphocyte-dependent antibody assay for detection of antibodies to human glioma cells. American College of Surgeons, Surgical Forum, 1975.
2. Shamberger RC, Sherins RJ, Rosenberg SA. The effects of postoperative adjuvant chemotherapy and radiotherapy on testicular function in men undergoing treatment for soft tissue sarcoma. Society of Surgical Oncology, 1980.
3. Shamberger RC, Sherins RJ, Rosenberg SA. Effects of postoperative adjuvant chemotherapy and radiotherapy on ovarian function in women undergoing treatment for soft tissue sarcoma. American Society of Clinical Oncology, 1980.
4. Norton JA, Shamberger RC, Stein TP, Brennan MF. The influence of tumor on protein metabolism in an in-vivo rat experimental model system. Association for Academic Surgery, 1980.
5. Shamberger RC, Brennan MF, Goodgame JT Jr, Lowry SF, Maher MM, Pizzo PA. Effect of total parenteral nutrition (TPN) on metabolic parameters of patients undergoing ablative chemotherapy. American Society of Clinical Oncology, 1981.
6. Shamberger RC, Brennan MF, Goodgame JT Jr, Lowry SF, Maher MM, Pizzo PA. Effect of total parenteral nutrition (TPN) on chemotherapeutic myelosuppression. Pediatric Surgical Residents' Conference, 1981.
7. Shamberger RC. Effect of chemotherapy on wound healing. Swiss Group for Clinical Cancer Research Conference on "Perioperative Chemotherapy", March, 1983 in Zurich.
8. Shamberger RC, Weinstein HJ, Levey RH. The surgical management of fungal pulmonary infections in acute myelogenous leukemia. American Pediatric Surgical Association, 1985.
9. Shamberger RC, Weinstein HJ, Delorey MJ, Levey RH. The medical and surgical management of abdominal pain in acute myelogenous leukemia in children. Society of Surgical Oncology, 1985.
10. Shamberger RC, Welch KJ. Surgical correction of pectus carinatum. American Pediatric Surgical Association, 1986.
11. Shamberger RC, Welch KJ. Surgical correction of pectus excavatum. American Academy of Pediatrics, 1987.
12. Waters PM, Micheli LJ, Welch K, Shamberger R. Scoliosis in children with anterior chest wall deformities. American Orthopaedic Association Residents' Conference, 1987.

13. Adzick NS, Shamberger RC, Winter HS, Hendren WH. Surgical treatment of pancreatitis associated with pancreas divisum. American Pediatric Surgical Association, 1988.
14. Shamberger RC, Eraklis AJ, Kozakewich H, Hendren WH. Fate of the distal esophageal remnant following esophageal replacement. American Pediatric Surgical Association, 1988.
15. Shamberger RC, Welch KJ, Upton J III. Surgical treatment of thoracic deformity in Poland's syndrome. American Academy of Pediatrics, 1988.
16. Vacanti JP, Shamberger RC, Lillehei CW. The therapy of biliary atresia combining the Kasai portoenterostomy with liver transplantation: A single center experience. American Pediatric Surgical Association, 1989.
17. Davis PW, Shamberger RC, Williams DA. Immune Thrombocytopenia: Surgical therapy and predictors of response. American Pediatric Surgical Association, 1990.
18. Shamberger RC, Grier HE, Allarde-Segundo A, and Kozakewich HPW. Surgical management of Stage III and IV neuroblastoma: Resection before or after chemotherapy? American Academy of Pediatrics, 1990.
19. Shamberger RC, Weinstein HJ. The role of surgery in abdominal Burkitt's lymphoma. American Pediatric Surgical Association, 1991.
20. Lillehei CW, Everts E, Shamberger RC. Reduced-sized Lung transplantation. American Academy of Pediatrics, 1991.
21. Shamberger RC, Lee M, Chen D, Ambrosino DM. Response to polysaccharide-conjugate vaccine in children undergoing splenectomy. American Academy of Pediatrics, 1991.
22. Nemes J, Barnaby K, Shamberger RC. Experience with a nurse practitioner program in the surgical department of a children's hospital. American Academy of Pediatrics, 1991.
23. Shamberger R, Macklis R, Blattner S, Schwenn M, Sallan S. Recent experience with Wilms' tumor: 1978-1991. Society of Surgical Oncology, 1993.
24. Lillehei C, Shamberger R, Nurko S, Winter H. Anorectal function in children following ileoanal pullthrough. American Pediatric Surgical Association, 1993.
25. Shamberger R, Tarbell N, Perez-Atayde A, Grier H. Malignant primitive neuroectodermal tumor (PNET) of the chest wall in children. American Pediatric Surgical Association, 1993.
26. Breuer C, Mauch P, Tarbell N, Weinstein H, Shamberger R. The role of staging laparotomy in pediatric Hodgkin's disease. American Academy of Pediatrics, 1993.
27. Lillehei CW, Shamberger RC, Mayer J, Burke R, Koka B, Arnold J, Wessell D, Lanzberg M, Palazzo R. Size disparity in pediatric lung transplantation. American Academy of

Pediatrics, 1993.

28. Donahue MC, Evangelista JK. The effect of golytely on serum electrolytes and hydration status of infants. American Academy of Pediatrics, 1993.
29. Tsakayannis D, Shamberger RC. The association of imperforate anus with occult spinal dysraphism. American Academy of Pediatrics, 1994.
30. Horwitz JR, Ritchey M, Haase G, Shamberger RC and Beckwith JB. Partial nephrectomy for synchronous bilateral Wilms' tumor: Report from the National Wilms' Tumor Study. American Academy of Pediatrics, 1995.
31. Patel HI, Leichtner AM, Shamberger RC. Surgery for Crohn's disease in infants and children. American Academy of Pediatrics, 1996.
32. Shamberger RC, Smith EI, Joshi VV, Rao PV, Bowman LC, Hayes A, Castleberry RP. The risk of nephrectomy during local control in abdominal neuroblastoma. American Pediatric Surgical Association, 1997.
33. Siddiqui AM, Shamberger RC, Filler RM, Perez-Atayde AR, Lillehei CW. Enteric duplications of the pancreatic head; definitive management by local resection. American Academy of Pediatrics, 1997.
34. Shamberger RC, Lillehei CW, Leichtner AM, Winter HS, Masek B. Quality of life assessment following ileoanal pullthrough for ulcerative colitis and familial polyposis. American Pediatric Surgical Association, 1998.
35. Ibla JC, Shamberger RC, DiCanzio J, Zurakowski D, Koka BB, Lillehei CW. Lung growth following reduced-sized lung transplantation in a sheep model. American Society of Transplant Surgeons, 1998.
36. Neville H, Ritchey M, Shamberger R, Haase G, Perlman S, Yoshioka T. The occurrence of Wilms tumor in horseshoe kidneys: A report from the National Wilms Tumor Study Group (NWTSG). American Academy of Pediatrics, 1999.
37. Fishman SJ, Shamberger RC, Fox V, Burrows PE. Endorectal pull-through abates gastrointestinal hemorrhage from colorectal venous malformations. American Academy of Pediatrics, 1999.
38. Shamberger RC, LaQuaglia MP, Krailo MD, Miser JS, Pritchard DJ, Gebhardt MC, Healey JH, Tarbell NJ, Fryer CJH, Meyers PA, Grier HE. Ewing's sarcoma of the chest wall: Results of an intergroup study with analysis of outcome by timing of resection. Societe Internationale D'Oncologie Pediatric, 1999.
39. Shamberger RC, Ritchey M, Haase G, Bergmann T, Loechelt-Yoshioka T, Breslow N, Green D. Intravascular extension of Wilms tumor. International Society of Paediatric Surgical

Oncology, 2000.

40. Lillehei CW, Shamberger RC. Staged reconstruction for middle aortic syndrome. American Academy of Pediatrics, 2000.
41. Fishman S, Puder M, Geva T, Jenkins K, Ziegler M, Shamberger R. Cardiac relocation and chest wall reconstruction following separation of thoracopagus conjoined twins with a single heart. (Poster) American Pediatric Surgical Association, 2001.
42. Blakely ML, Shamberger RC, Norkool P, Beckwith JB, Ritchey ML. Outcome of children with cystic partially-differentiated nephroblastoma treated with or without chemotherapy. American Academy of Pediatrics, 2002.
43. Shamberger RC, LaQuaglia MP, Gebhardt MC, Neff JR, Tarbell NJ, Marcus KC, Sailer SL, Womer RB, Miser JS, Dickman PS, Perlman E, Devidas M, Krailo MP, Grier HE, Granowetter L. Ewing sarcoma of the chest wall: The impact of initial versus delayed resection on tumor margins, survival, and use of radiation therapy. American Surgical Association, 2003
44. Ritchey ML, Shamberger RC, Hamilton T, Haase G, Argani P, Peterson S, Breslow NE. Fate of bilateral lesions missed on preoperative imaging: A report from the National Wilms Tumor Study Group. Urology Section, American Academy of Pediatrics, 2004
45. Ritchey ML, Godzinski J, Shamberger RC, Haase G, DeKraker J, Graf N, Sandstedt B, Bergeron C, Becker J, Ou SS, Breslow NE. Surgical complications following nephrectomy for Wilms tumor: A prospective study from the National Wilms Tumor Study Group (NWTST) and International Society of Pediatric Oncology (SIOP). Urology Section, American Academy of Pediatrics, 2004
46. Applebaum H, Kieran MW, Cripe TP, Coffin CM, Collins MH, Shamberger RC. The rationale for NSAID therapy of inflammatory myofibroblastic tumors: A Children's Oncology Group Study. Surgical Section, American Academy of Pediatrics, 2004
47. Von Allmen D, Grupp SA, Diller L, Marcus KJ, Ecklund K, Shamberger R. Local control in patients with high risk neuroblastoma. Surgical Section, American Academy of Pediatrics, 2004
48. Shamberger RC, Green DM, Grundy, P. Nephrectomy only for very low risk Wilms tumor (VLRWT). International Society of Paediatric Oncology, 2005 *Pediatr Blood Cancer* 45:377-378, 2005

INVITED LECTURES:

1. "Mediastinal masses," Surgical Grand Rounds, Children's Hospital, Boston, March 29, 1989.
2. "Chest wall deformities in children," Surgical Grand Rounds, Children's Hospital, Boston, October 25, 1989.
3. "Hepatic porto-enterostomy," Transplantation Symposium, American Academy of Pediatrics, Boston, October 5, 1990.
4. "Management of mediastinal lymphomas," Cancer symposium, American Pediatric Surgical Association, Orlando, May 16, 1991.
5. "Anterior chest wall deformities," Postgraduate Course in Thoracic Surgery, American College of Surgeons - Clinical Congress, Chicago, October 20, 1991.
6. "Splenectomy and response to immunization," Pediatric Oncology Group, Surgery Education Program, April 4, 1992.
7. "Splenectomy in ITP: Long-term considerations," Surgical Grand Rounds, Children's Hospital, Boston, May 20, 1992.
8. "Evaluation of the patient with an anterior mediastinal mass," with Dr. Robert Holzman, Surgical Grand Rounds, Children's Hospital, Boston, December 15, 1993.
9. "Abdominal masses," 5th Annual Spring Cancer Symposium, SEMCOG, Milford, MA, April 20, 1994.
10. "Preoperative chemotherapy for neuroblastoma," Cancer Symposium, American Pediatric Surgical Association, Tucson, May 14, 1994.
11. "CT scan vs. pulmonary function tests for evaluation of mediastinal masses," Pediatric Oncology Group, Surgery Education Program, October 29, 1994.
12. "Current diagnosis and management of solid pediatric tumors," Postgraduate Course in Oncology, American College of Surgeons, Boston, May 2, 1995.
13. "Spleen 'or leave it' immunologic function-alternative treatments," Postgraduate Course in Pediatric Surgery, American College of Surgeons - Clinical Congress, New Orleans, October 25, 1995.
14. "Hepatic tumors in infants and children," Surgical Grand Rounds, Children's Hospital, Boston, February 14, 1996.
15. "Neonatal solid tumors: Current management," 17th International Symposium on Neonatal

Intensive Care, San Remo, Italy, June 16, 1996.

16. "Surgery only for Stage I Wilms' tumor," Cancer Symposium, American Academy of Pediatrics, Boston, October 25, 1996.
17. "Management of chest wall deformities," Postgraduate Course in Thoracic Surgery, American College of Surgeons - Clinical Congress, San Francisco, October 8, 1996.
18. "Ewing's/PNET of the chest wall: Is there a difference?" Postgraduate Course in Pediatric Surgery, American College of Surgeons - Clinical Congress, San Francisco, October 10, 1996.
19. "Antibody response to immunization following treatment for Hodgkin's Disease," Pediatric Oncology Group, Surgery Education Program, October 19, 1996.
20. "Chest wall sarcoma," Curso Internacional de Patologia Torácica en el Niño, Buenos Aires, April 4, 1997.
21. "Pectus excavatum and carinatum," Curso Internacional de Patologia Torácica en el Niño, Buenos Aires, April 5, 1997.
22. "Pediatric surgery: An embryologic adventure," American Pediatric Surgical Nurses Association, May 17, 1997.
23. "Sarcomas of the chest wall," III Congreso de las Sociedades de Cirugia Pediatrica del Cono Sur de America, Viña del Mar, Chile, September 27-30, 1998.
24. "Preoperative evaluation of a mediastinal mass," III Congreso de las Sociedades de Cirugia Pediatrica del Cono Sur de America, Viña del Mar, Chile, September 27-30, 1998.
25. "Surgical factors associated with local recurrence of Wilms' tumor," III Congreso de las Sociedades de Cirugia Pediatrica del Cono Sur de America, Viña del Mar, Chile, September 27-30, 1998.
26. "Malformations of the chest wall," III Congreso de las Sociedades de Cirugia Pediatrica del Cono Sur de America, Viña del Mar, Chile, September 27-30, 1998.
27. "Timing of surgical resection of neuroblastoma," III Congreso de las Sociedades de Cirugia Pediatrica del Cono Sur de America, Viña del Mar, Chile, September 27-30, 1998.
28. "Wilms Tumor" Grand Rounds, Childrens Mercy Hospital, Kansas City, Mo. January 7, 1999.
29. "Evaluation and management of the anterior mediastinal mass," with Dr. Robert Holzman, Surgical Grand Rounds, Children's Hospital, Boston, January 18, 2000

30. "Evaluation and management of the anterior mediastinal mass," with Dr. Robert Holzman, Anesthesia Grand Rounds, Children's Hospital, Boston, January 26, 2000
31. "Primary management of chest wall Ewing's sarcoma," . International Society of Paediatric Surgical Oncology, Orlando, FL May 24, 2000
32. "Optimal surgical therapy of Ewing's sarcoma of the chest wall," 2000 Annual Clinical Assembly of Osteopathic Specialists, Boston, MA September 22, 2000
33. "Surgical lessons learned from pediatric oncology cooperative group trials," Surgical Grand Rounds, Beth Israel/Deaconess Medical Center, Boston, December 6, 2000
34. "Recent results in diagnosis and therapy of Ewing's sarcoma," Surgical Grand Rounds, Children's Hospital, Boston, May 2, 2001
35. "Wilms Tumor: An Update," Surgical Grand Rounds, Children's Hospital, Boston, June 6, 2001
36. "Malformaciones de pared torácica anterior," XLVI Congreso Anual Capitulo Chileno American College of Surgeons, Santiago, Chile, May 3, 2001
37. "Tumores de mediastino: Evaluación preoperatoria," XLVI Congreso Anual Capitulo Chileno American College of Surgeons, Santiago, Chile, May 3, 2001
38. "Tumor de Wilms bilateral. Complicaciones quirúrgicas post nefrectomía," XLVI Congreso Anual Capitulo Chileno American College of Surgeons, Santiago, Chile, May 3, 2001
39. "Tumor hepático en niños," XLVI Congreso Anual Capitulo Chileno American College of Surgeons, Santiago, Chile, May 3, 2001
40. "Sarcoma de partes blandas," XLVI Congreso Anual Capitulo Chileno American College of Surgeons, Santiago, Chile, May 3, 2001
41. "Metástasis pulmonares," 74th Congreso Argentino de Cirugia, Buenos Aires, Argentina, November 11, 2003
42. "Malformaciones infrecuentes de la pared torácica," 74th Congreso Argentino de Cirugia, Buenos Aires, Argentina, November 12, 2003
43. "Tumores de pared torácica," 74th Congreso Argentino de Cirugia, Buenos Aires, Argentina, November 12, 2003
44. "Current Evaluation and Management of Ewing's Sarcoma," with Dr. Holcombe E. Grier, M.D., Surgical Grand Rounds, Children's Hospital, Boston, February 18, 2004

45. "Evaluation and management of the anterior mediastinal mass," with Dr. Robert Holzman, Surgical Grand Rounds, Children's Hospital, Boston, September 29, 2004
46. "Pediatric Renal Tumors: Current Issues" Panel discussion at the Urology Section of the American Academy of Pediatrics October 11, 2004 with Michael Ritchey, Martin Koyle, Bruce Broecker.
47. "Cooperative Group Trials in Wilms Tumor", Grand Rounds, St. Jude Children's Research Hospital, Memphis, TN, Jan 6, 2005.
48. "Wilms tumor: Surgical lessons learned and plans for the next study". Grand Rounds, Memorial Sloan Kettering Cancer Institute, New York, NY Jan 27, 2005.
49. "Recent advances in pediatric surgery", Surgical Grand Rounds, Mount Auburn Hospital, Cambridge, MA, April 5, 2005.
50. "Wilms Tumor Study Group-Outcomes of surgical studies", Surgical Grand Rounds, Children's Hospital, Boston, Sept 28, 2005.
51. "Open repair of pectus excavatum", Symposium: Management strategies for chest wall conditions, Surgical Section: American Academy of Pediatrics, Atlanta, GA, October 6, 2006.
52. "Surgical lessons learned from pediatric oncology cooperative group trials", Surgical Grand Rounds, SUNY Stony Brook, Stony Brook, NY, Jan 25, 2006.
53. "Management of Patients with a Mediastinal Mass", with Robert S. Holzman, M.D. and Tonya K Miller, M.D., Surgical Grand Rounds, Children's Hospital, Boston, February 7, 2007.

INVITED NAMED LECTURES:

1. Jessie L. Ternberg Pediatric Surgery Visiting Professor, "Surgical lessons learned from pediatric oncology cooperative group trials," Washington University School of Medicine, St. Louis, MO, January 8-10, 2001
2. James S. Simpson Visiting Professor, "How important are randomized trials in the management of pediatric solid tumors?" The Hospital for Sick Children, Toronto, Ont, Canada, June 12-13, 2003
3. Samuel Abrams Visiting Lecture, "Cooperative Group Trials in Wilms Tumor", Johns Hopkins University Department of Surgery, Baltimore, MD, March 10, 2005
4. Frank M. Guttman Visiting Professor, "Wilms Tumor Trials: Surgical Lessons Learned" and "Ewing Sarcoma of the Chest", McGill University Department of Surgery, Montreal ,

Quebec, Canada, June 15th and 16th, 2005

5. Gerald Zwiren Visiting Professor, “Ewing’s Sarcoma of the Chest Wall: Evidence-Based Practice” and “Wilms Tumor: Surgical Lessons Learned and Plans for the Next Study”, Emory University Department of Surgery, Atlanta, GA, June 1st and 2nd, 2006