

CURRICULUM VITAE

JUAN CARLOS BERNINI, M.D.

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CURRENT POSITION:

- May 2012 – Present: Medical Director, Vannie E. Cook Jr. Children's Cancer and Hematology Oncology Clinic, McAllen, Texas
Associate Professor Baylor College of Medicine, Houston, Texas
- March 2001 – April 2012: Medical Director, Vannie E. Cook Jr. Children's Cancer and Hematology Oncology Clinic, McAllen, Texas
Assistant Professor Baylor College of Medicine, Houston, Texas
- September 2007 – Present: Adjunct Assistant Professor, Pediatrics, Hematology-Oncology, UT Health Science Center San Antonio

PREVIOUS AFFILIATIONS:

- Jun 1997 – March 2001: Pediatric Hematology/Oncology; Associate Director, Cook Children's Specialty Clinic, Midland, Texas

EDUCATION:

Senior Pediatric Resident

- Oct 1995 – Jan 1997 Senior Pediatric Resident at Texas A&M College of Medicine and Scott & White Memorial Hospital

Fellowship

- Nov 1990 – Sept 1995 Pediatric Hematology/Oncology, University of Texas Southwestern Medical School and Children's Medical Center at Dallas, Texas

Pediatric Residency

- Jan 1989 – Nov 1990 Attending physician at National Children's Hospital of Costa Rica

Feb 1986 – Jan 1989 University of Costa Rica, Children’s National Hospital
San Jose, Costa Rica

Rotating Internship

Jan – Mar 1984: Obstetrics and Gynecology, San Vicente de Paul
Hospital, Heredia, Costa Rica

Apr – Jun 1984: Pediatrics, Children’s National Hospital of Costa Rica,
San Jose, Costa Rica

July – Sept 1984 Surgery, Tony Facio Hospital, Limon, Costa Rica

Oct – Dec 1984 Internal Medicine, San Rafael Hospital, Alajuela,
Costa Rica

Medical School

Jan 1980 – Dec 1984: “Escuela Autonoma de Ciencias Medicas de Centro
America”, Affiliated to the “Universidad Autonoma de
Centro America”, San Jose, Costa Rica

SPECIALTY CERTIFICATION:

1998 American Board of Pediatrics, Sub board, Pediatric
Hematology/Oncology Pediatric Hematology/Oncology (No.
001364)

1997 American Board of Pediatrics (No. 061014)

CURRENT MEDICAL LICENSURE:

State of Texas – No. K0262

MEDICAL CERTIFICATIONS:

USMLE 3 (May 1996)
USMLE 2 (Oct 1995)
USMLE 1 (Aug 1995)
ECFMG (July 1990)

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Academy of Pediatrics, Fellow Member

Children's Oncology Group (COG)
American Society of Hematology (ASH)
American Society of Pediatric Hematology (ASPHO)

COMMITTEES:

2017-Present	Nominee, Cancer Prevention and Research Institute of Texas Advisory Committee on Childhood Cancers
2017-Present	Member, Doctors Hospital at Renaissance Board of Governors
2017-Present	Member, Doctors Hospital at Renaissance Institutional Review Board Committee
2017-Present	Vice-Chair, Doctors Hospital at Renaissance Oncology Therapeutic Oversight Committee
2017-Present	Alternate Member, Doctors Hospital at Renaissance Emergency Medicine Services Committee
2015-Present	Member, Doctors Hospital at Renaissance Cancer Committee
2015-Present	Member, Doctors Hospital at Renaissance Continuing Medical Education Committee
2015-Present	Member, Doctors Hospital at Renaissance Graduate Medical Education Committee
2015-Present	Member, Doctors Hospital at Renaissance Joint Conference Ad Hoc Committee
2015-Present	Member, Doctors Hospital at Renaissance Pediatric GME Subcommittee
2015-Present	Member, Doctors Hospital at Renaissance Pediatric Specialty Committee
2010-Present	Member, Doctors Hospital at Renaissance Utilization Review Committee
2009-Present	Member, Doctors Hospital at Renaissance Pharmacy and Therapeutics Committee

2009-Present	Member, Cancer Prevention and Research Institute of Texas (CPRIT) Scientific and Prevention Advisory Council
2004-Present	Member, Vannie Cook Foundation Board
2004-Present	Member, Doctors Hospital at Renaissance Pediatric Services Committee
2015-2016	Member, Doctors Hospital at Renaissance Clinical Informatics Committee
2015-2016	Member, Doctors Hospital at Renaissance Clinical Research and IRB Development Committee
2015-2016	Member, Doctors Hospital at Renaissance GME Committee for Residency Development Subcommittee
2015-2016	Chair, Doctors Hospital at Renaissance Oncology Therapeutic Oversight Committee
2015-2016	Member, Doctors Hospital at Renaissance Quality Improvement Ad Hoc Committee
2015-2016	Member, Doctors Hospital at Renaissance Radiation Oncology Subcommittee
2010-2016	Member, Doctors Hospital at Renaissance Pathology Lab Users Committee
2010-2014	Member, Doctors Hospital at Renaissance Ethics Committee
2009-2014	Member, Doctors Hospital at Renaissance Tumor Board Committee
2004-2008	Member, Doctors Hospital at Renaissance Radiation Oncology Committee
2007-2014	Member, Doctors Hospital at Renaissance Chemotherapy Safety Committee
2008-2009	Member, Doctors Hospital at Renaissance Governing Board of Pediatrics
2005-2006	Chairman, Doctors Hospital at Renaissance Pediatric

Committee

2005-2006 Member, Doctors Hospital at Renaissance Medical Executive Committee

ADMINISTRATIVE EXPERIENCE:

2001 to Present: Medical Director, Vannie E. Cook Jr. Cancer and Hematology Oncology Clinic. McAllen, Texas

2008 – Present: Laboratory Director, Vannie E. Cook Jr. Children’s Cancer and Hematology Laboratory

2006 to present Board of Managers, Doctors Hospital at Renaissance McAllen, Texas

2005-2006 Chief of Pediatrics, Doctors Hospital at Renaissance McAllen, Texas

1997 – 2001: Assistant Director, Cook Children’s Specialty Clinic Midland, Texas

Oct 1996 – Jan 1997 Pediatric Chief Resident, Texas A&M College of Medicine and Scott & White Memorial Hospital

1993 -1994 Hematology/Oncology Chief Fellow at Southwestern Medical School and Children’s Medical Center, Dallas, Texas

Jan – Dec 1985 Director of Birth Control Committee “Centro Integrado de Salud San Rafael de Puntarenas,” Costa Rica

Jan – Dec 1985 Director of Health Clinic “Centro Penal de San Lucas” Puntarenas, Costa Rica

LANGUAGES: Fluent in Spanish and English

AWARDS AND RECOGNITION:

2013 Hyundai Hope on Wheels Scholar

2011 Hyundai Hope on Wheels Scholar

- 2010 Robert Wood Johnson Foundation Community Health Leaders 2009-2010 Nominee
- 1992 Special recognition for outstanding performance as in-house fellow by the Pediatric Hematology/Oncology Program Director
- 1989 Academic Crown as a distinguished student, "Universidad Autonoma de Centro America"
- 1987 Special recognition for outstanding performance as resident in charge of the outpatient clinic by the Outpatient Clinic Director; Children's National Hospital, San Jose, Costa Rica
- 1985 Doctor in Medical Science, "*Cum Laude Probatus*", San Jose, Costa Rica
- 1984 Conclusion of Medical and Surgical Studies Certificates, "*Cum Laude Probatus*", San Jose, Costa, Rica
- 1984 Licentiate Degree in Medical Science, "*Cum Laude Probatus*", San Jose, Costa Rica
- 1983 Bachelor's Degree in Medical Science, "*Summa Cum Laude Probatus*", San Jose, Costa Rica

TEACHING ACTIVITIES AND PRESENTATIONS:

- Sept 2009 Valley Baptist Medical Center, Pediatric Grand Rounds, "Childhood Hemangiomas...When to Worry?", Harlingen, Texas
- Jun 2000 Chemotherapy Workshop for Nurses, Speaker
- 1997 – 1999 Department of Pediatrics; Academic Appointment, Texas Tech University, Odessa, Texas
- Oct 1998 14th Annual William D. Furst, M.D.; Pediatric and Primary Care Update- Management of Cancer in Children and Adolescents
- Sept 1993 Coagulation Symposium; "Presentation of Study Cases", Dallas, Texas

1988 –1989

Assistant Professor of Pediatrics; “Escuela Autonoma de Ciencias Medicas de Centro America, affiliated to the Universidad Autonoma de Centro America”

PUBLICATIONS:*BOOK CHAPTERS AND REVIEW ARTICLES*

1. **Bernini, J.C.** Severe Anemia. In Levin D, Morris FC. Eds: Essentials of Pediatric Intensive Care. 2ed. New York: Quality Medical Publisher Inc. Chapter 50, page 492-7
2. **Bernini, J.C.** Diagnosis and Management of Chronic Neutropenia During Childhood. *Pediatric Clinics of North America*. 1996; 43:773-91

ORIGINAL MANUSCRIPTS

1. Fort D, **Bernini JC**, Johnson A, Cochran C, Buchanan GR. Splenic Rupture in hemophilia. *American Journal Pediatric Hematology Oncology* 1994; 16:255-9
2. **Bernini JC**, Buchanan GR, Ashcraft J. Hypoprothrombinemia and severe hemorrhage associated with a lupus anticoagulant. *Journal Pediatrics* 1993; 123:937-9
3. Mustafa M, Sandler E, **Bernini JC**, Aquino V. Amphotericin B Colloidal Dispersion therapy for invasive mycosis: Report of successful therapy in two pediatric patients. *Pediatric Infectious Diseases Journal* 1994; 12(4):328
4. **Bernini JC**, Fort DW, Pritchard M, Rogers BB, Winick NJ. Adjuvant chemotherapy for treatment of unresectable and metastatic angiomatoid malignant fibrous histiocytoma. *Cancer* 1994;74:962-4
5. **Bernini JC**, Carrillo JM, Quesada E. High dose intravenous Methylprednisolone therapy for patients with Diamond-Blackfan anemia refractory to conventional doses of steroids. *Journal of Pediatrics* 1995; 127:654-659
6. **Bernini JC**, Timmons CF, Sandler E. Acute basophilic leukemia in a child: Anaphylactoid reaction following intravenous vincristine administration, *Cancer* 1995;75:110-14
7. **Bernini JC**, Wooley R, and Buchanan GR. Low-alternate day doses of rhG-CSF in the treatment of childhood chronic neutropenia. *Journal of Pediatrics* 1996; 129:551-8
8. **Bernini JC**, Fort DW, Griener JC, Kane BJ, Chappell WB, Kamen B. The

- use of Aminophylline for Methotrexate-induced Neurotoxicity: Evidence for Adenosine Receptor Blockade. *Lancet* 1995; 345:544-47
9. **Bernini, JC**, Mustafa MM, Sutor LJ, Buchanan GB. Fatal immune-mediated hemolysis induced by ceftriaxone in a child with sickle cell anemia. *Journal of Pediatrics* 1995; 126:813-815
 10. Lowichik L, **Bernini JC**, Tonk V, Ansari MQ, Rollins N, Winick N, Timmons CF. Relapse of precursor B-cell acute lymphoblastic leukemia as an isolated central nervous system mass lesion 9 years after original diagnosis. *Medical and Pediatric Oncology* 1996; 26:129-134
 11. **Bernini JC**, Zora RR, Sandler ES, Reisch JS, Quinn CT, Buchanan GR. Beneficial effect of intravenous dexamethasone in children with mild to moderately severe acute chest syndrome complicating sickle cell disease. *Blood* 1998;92:3082-3089
 12. Oral megadose methylprednisolone therapy for refractory Diamond-Blackfan anemia. George R. Buchanan, M.D for the International Diamond-Blackfan Anemia Study Group. *Journal of Pediatric Hematology Oncology* 2001; 23: 353
 13. Murray JC, **Bernini JC**, Bijou HL, Rossmann SN, Mahoney, Jr DH, Morad AB. Infantile cytomegalovirus-associated autoimmune hemolytic anemia. *Journal of Pediatric Hematology Oncology* 2001; 23:318-20.

ABSTRACTS

1. **Bernini JC**, Faingezitch I. Hospital acquired urinary tract infection. L National Pediatric Meeting (presented). San Jose, Costa Rica. 1983
2. **Bernini JC**, Faingezitch I. Hospital acquired urinary tract infection (presented). First National Meeting of Prevention and Control of Hospital Acquired Infections, San Jose, Costa Rica 1984.
3. **Bernini JC**, Mustafa MM, Winick NJ, Nicholson M, McHard K, Buchanan GR. Evaluation of attenuated live measles vaccine in children with cancer (presented). Program/proceeding of the American Society of Clinical Oncology 1994;13:438
4. **Bernini JC**, Mustafa MM, Winick NJ, Nicholson M, McHard K, Buchanan GR. Evaluation of attenuated live measles vaccine in children with cancer (presented). *Pediatric Research* 1994; 35(4):174a
5. **Bernini JC**, Harrison L, Wooley R, and Buchanan GR. Low-alternate day doses of rhG-CSF in the treatment of childhood chronic neutropenia

- (presented). American Society of Pediatric Hematology/Oncology, Official Program and Scientific Proceedings 1994;3:14
6. **Bernini JC**, Mustafa MM, Winick NJ, Nicholson M, McHard K, Buchanan GR. Evaluation of attenuated live measles vaccine in children with cancer (presented). *Pediatric Research* 1994;35(4):174a
 7. **Bernini JC**, Buchanan GR. Hemorragia grave causada por deficiencia de protrombina en asociacion con un anticoagulante de tipo lupico: Respuesta a corticoesteroides (presented). *Revista Iberoamericana de Trombosis y Hemostasis* 1993;VI(2):186
 8. **Bernini JC**, Buchanan GR. Severe hemorrhage due to prothrombin Deficiency associated with a lupus-type anticoagulant: Response to Corticosteroid therapy. *Pediatric research* 1993
 9. Mustafa MM, Carlson LR, Weitman SD, Fort DW, **Bernini JC**, Winick NJ, Katz JA, Sandler ES, Rogers ZR, McCracken GH, and Buchanan GR. Cefepime vs. Ceftazidime in the empiric treatment of febrile neutropenic children with malignancy (presented). 32nd ICAAC, Anaheim, CA
 10. **Bernini JC**, Carrillo JM, Quesada E, Buchanan GR. Evaluation of high dose intravenous methylprednisolone for patients with Diamond-Blackfan anemia (DBA) refractory to conventional doses of steroids (presented). *Blood* 1993;80(10),Suppl 1:282a
 11. **Bernini JC**, Fort DW, Griener JC, Kane BJ, Chappell WB, Kamen B. The Use of Aminophylline for Methotrexate-induced Neurotoxicity: Evidence for Adenosine Receptor Blockade. Proceedings. 86th Annual Meeting American Association for Cancer Research, Toronto, Canada 1995;36:1718a Suppl
 12. **Bernini JC**, Tkaczewski I, Rogers ZR, Sandler E, Reisch JS, Buchanan GR. Dexamethasone therapy for children with acute chest syndrome (ACS) complicating sickle cell disease (SCD): A randomized, double-blind, placebo-controlled pilot study (presented). American Society of Hematology. 37th Annual Meeting December. 1995;86:142a Suppl
 13. Rogers ZR, Dale JC, **Bernini JC**, Reisch JS, Prim PA, Buchanan GR. Dexamethasone shortens the duration of painful events requiring hospitalization in children with sickle cell disease: Results of a randomized, double-blind, placebo-controlled trial (presented). American Society of Hematology. 37th Annual Meeting December. 1995;86:250aSuppl
 14. Griffin T, Bowman P, Sanders J, Friedman D, Murray J, Eames G, Shah A,

Bernini JC. Favorable results of an intensive protocol for advanced-stage T-cell lymphoblastic lymphoma and acute lymphoblastic leukemia in Childhood. Proc Inter Soc Paediatr Oncol & Am Soc Pediatr Hematol/Oncol, Montreal, Sept 13-18, 1999.

EDITORIAL REQUESTS:

- 1995 *The Pediatric Infectious Disease Journal*, chosen manuscript reviewer
- 1997 American Board of Pediatrics, Sub board of Pediatric Hematology/
Oncology, Invited Question Writer for Certifying Examination
- 2000 *British Journal of Hematology*, chosen manuscript reviewer

PROFESSIONAL REFERENCES:

David Poplack, MD,
Director, Texas Children's Cancer and Hematology Center
Elise C. Young Professor of Pediatric Oncology
Head, Hematology-Oncology Section, Department of Pediatrics, Baylor College of
Medicine
Deputy Director, Dan L. Duncan Cancer Center, Baylor College of Medicine Texas 6621
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Cook Children's Medical Center
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