

## Peer-Reviewed Publications

1. Aygun B, Mortier NA, Kesler K, Lockhart A, Schultz WH, Cohen AR, Alvarez O, **Rogers ZR**, et al. [Therapeutic phlebotomy is safe in children with sickle cell anaemia and can be effective treatment for transfusional iron overload](#). *British Journal of Haematology* 2015;169:262-6.
2. **Aquino V**, Holmes S, Olivarez K, DeMasi J, **Simms-Waldrip TR**, **Koh AY**, **Siegel J**. [Nasal Endoscopy in the evaluation of prolonged febrile events in children undergoing hematopoietic stem cell transplantation](#). *Biology of Blood and Marrow Transplantation* 2015;Feb; 21(2):S242-43.
3. Borowitz MJ, Wood BL, Devidas M, Loh ML, Raetz EA, Salzer WL, Nachman JB, Carroll AJ, Heerema NA, Gastier-Foster JM, Willman CL, Dai Y, **Winick NJ**, et al. [Prognostic significance of minimal residual disease in high risk B-ALL: a report from Children's Oncology Group study AALL0232](#). *Blood* 2015;126:964-71.
4. Chen L, Shern JF, Wei JS, Yohe ME, Song YK, Hurd L, Liao H, Catchpoole D, **Skapek SX**, et al. [Clonality and evolutionary history of rhabdomyosarcoma](#). *PLoS Genetics* 2015;11:e1005075.
5. DeMasi J, **Aquino V**, **Simms-Waldrip TR**, **Koh AY**, Holmes S. [Incidence and outcome of rhinovirus in children undergoing hematopoietic stem cell transplantation](#). *Biology of Blood and Marrow Transplantation* 2015;Feb; 21(2):S248.
6. Diouf B, Crews KR, Lew G, Pei D, Cheng C, Bao J, Zheng JJ, Yang W, Fan Y, Wheeler HE, Wing C, Delaney SM, Komatsu M, Paugh SW, McCorkle JR, Lu X, **Winick NJ**, et al. [Association of an inherited genetic variant with vincristine-related peripheral neuropathy in children with acute lymphoblastic leukemia](#). *Jama* 2015;313:815-23.
7. Dreyer ZE, Hilden JM, Jones TL, Devidas M, **Winick NJ**, et al. [Intensified chemotherapy without SCT in infant ALL: Results from COG P9407 \(Cohort 3\)](#). *Pediatric Blood & Cancer* 2015;62:419-26.
8. Estep JH, Melloni C, Thornburg CD, Wiczling P, **Rogers Z**, et al. [Pharmacokinetics and bioequivalence of a liquid formulation of hydroxyurea in children with sickle cell anemia](#). *Journal of Clinical Pharmacology* 2016;56:298-306.
9. Fan D, Coughlin LA, Neubauer MM, Kim J, Kim MS, Zhan X, **Simms-Waldrip TR**, Xie Y, Hooper LV, **Koh AY**. [Activation of HIF-1alpha and LL-37 by commensal bacteria inhibits Candida albicans colonization](#). *Nature Medicine* 2015;21:808-14.
10. Fernandez CA, Smith C, Yang W, Mullighan CG, Qu C, Larsen E, Bowman WP, Liu C, Ramsey LB, Chang T, Karol SE, Loh ML, Raetz EA, **Winick NJ**, et al. [Genome-wide analysis links NFATC2 with asparaginase hypersensitivity](#). *Blood* 2015;126:69-75.
11. Flood VH, Schlauderer AC, Haberichter SL, Slobodianuk TL, Jacobi PM, Bellissimo DB, Christopherson PA, Friedman KD, Gill JC, Hoffmann RG, Montgomery RR, Zimmerman Program Investigators (**Journeycake J**). [Crucial role for the VWF A1 domain in binding to type IV collagen](#). *Blood* 2015;125:2297-304.
12. Flores A, **Buchanan GR**. [Occult hemorrhage in children with severe immune thrombocytopenia](#). *American Journal of Hematology* 2015.

13. Frazier AL, Hale JP, Rodriguez-Galindo C, Dang H, Olson T, Murray MJ, **Amatruda JF**, et al. [Revised risk classification for pediatric extracranial germ cell tumors based on 25 years of clinical trial data from the United Kingdom and United States](#). *Journal of Clinical Oncology: Official Journal of the American Society of Clinical Oncology* 2015;33:195-201.
14. Gajjar A, **Bowers DC**, Karajannis MA, Leary S, Witt H, Gottardo NG. [Pediatric Brain Tumors: Innovative Genomic Information Is Transforming the Diagnostic and Clinical Landscape](#). *Journal of Clinical Oncology: Official Journal of the American Society of Clinical Oncology* 2015;33:2986-98.
15. Germann JN, Leonard D, Stuenzi TJ, Pop RB, Stewart SM, **Leavey PJ**. [Hoping Is Coping: A Guiding Theoretical Framework for Promoting Coping and Adjustment Following Pediatric Cancer Diagnosis](#). *Journal of Pediatric Psychology* 2015;40:846-55.
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17. HaDuong JH, **Martin AA**, **Skapek SX**, Mascarenhas L. [Sarcomas](#). *Pediatric Clinics of North America* 2015;62:179-200.
18. Hingorani P, Missiaglia E, Shipley J, Anderson JR, Triche TJ, Delorenzi M, Gastier-Foster J, Wing M, Hawkins DS, **Skapek SX**. [Clinical Application of Prognostic Gene Expression Signature in Fusion Gene-Negative Rhabdomyosarcoma: A Report from the Children's Oncology Group](#). *Clinical Cancer Research: an Official journal of the American Association for Cancer Research* 2015;21:4733-9.
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23. Kumar M, Lambert MP, Breakey V, **Buchanan, GR**, et al. [Sports Participation in Children and Adolescents with Immune Thrombocytopenia \(ITP\)](#). *Pediatric Blood & Cancer* 2015;62:2223-5.
24. Leger K, **Slone T**, **Lemler M**, Leonard D, Cochran C, Bownan WP, Bashore L, **Winick N**. [Subclinical cardiotoxicity in childhood cancer survivors exposed to very low dose anthracycline therapy](#). *Pediatric Blood & Cancer* 2015;62:123-7.
25. Lopez-Medina E, Fan D, Coughlin LA, Ho EX, Lamont IL, Reimann C, Hooper LV, **Koh AY**. [Candida albicans Inhibits Pseudomonas aeruginosa Virulence through Suppression of Pyochelin and Pyoverdine Biosynthesis](#). *PLoS Pathogens* 2015;11:e1005129.

26. Lupo PJ, Danysh HE, Plon SE, Curtin K, Malkin D, Hettmer S, Hawkins DS, **Skapek SX**, et al. [Family history of cancer and childhood rhabdomyosarcoma: a report from the Children's Oncology Group and the Utah Population Database](#). *Cancer Medicine* 2015;4:781-90.
27. Mahajan P, **Leavey PJ**, Galindo RL. [PAX genes in childhood oncogenesis: developmental biology gone awry?](#) *Oncogene* 2015;34:2681-9.
28. Mathias MD, **McCavit TL**. [Timing of opioid administration as a quality indicator for pain crises in sickle cell disease](#). *Pediatrics* 2015;135:475-82.
29. Matloub Y, Stork L, Asselin B, Hunger SP, Borowitz M, Jones T, Bostrom B, Gastier-Foster JM, Carroll A, **Winick N**, et al. [Outcome of Children with Standard-Risk T-Lineage Acute Lymphoblastic Leukemia-Comparison among Different Treatment Strategies](#). *Pediatric Blood & Cancer* 2015.
30. Mir A, Frank S, **Journeycake J**, **Wolovits J**, Guleserian K, **Heistein L**, **Lemler M**. [Aspirin Resistance in Single-Ventricle Physiology: Aspirin Prophylaxis Is Not Adequate to Inhibit Platelets in the Immediate Postoperative Period](#). *The Annals of Thoracic Surgery* 2015;99:2158-64.
31. Mitchell HR, Lu X, Myers RM, Sung L, Balsamo LM, Carroll WL, Raetz E, Loh ML, Mattano LA Jr., **Winick NJ**, et al. [Prospective, longitudinal assessment of quality of life in children from diagnosis to 3 months off treatment for standard risk acute lymphoblastic leukemia: Results of Children's Oncology Group study AALL0331](#). *International Journal of Cancer Journal International du Cancer* 2015.
32. Moriyama T, Metzger ML, Wu G, Nishii R, Qian M, Devidas M, Yang W, Cheng C, Cao X, Quinn E, Raimondi S, Gastier-Foster JM, Raetz E, Larsen E, Martin PL, Bowman WP, **Winick N**, et al. [Germline genetic variation in ETV6 and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study](#). *The Lancet Oncology* 2015;16:1659-66.
33. Neunert C, Noroozi N, Norman G, **Buchanan GR**, et al. [Severe bleeding events in adults and children with primary immune thrombocytopenia: a systematic review](#). *Journal of Thrombosis and Haemostasis: JTH* 2015;13:457-64.
34. Olson TA, Murray MJ, Rodriguez-Galindo C, Nicholson JF, Billmire DF, Krailo MD, Dang HM, **Amatruda JF**, et al. [Pediatric and Adolescent Extracranial Germ Cell Tumors: The Road to Collaboration](#). *Journal of Clinical Oncology: Official Journal of the American Society of Clinical Oncology* 2015;33:3018-28.
35. Pashankar F, Hale JP, Dang H, Krailo M, Brady WE, Rodriguez-Galindo C, Nicholson JC, Murray MJ, Billmire DF, Stoneham S, Arul GS, Olson TA, Stark D, Shaikh F, **Amatruda JF**, et al. [Is adjuvant chemotherapy indicated in ovarian immature teratomas? A combined data analysis from the Malignant Germ Cell Tumor International Collaborative](#). *Cancer* 2016;122:230-7.
36. **Powers JM**, **McCavit TL**, **Buchanan GR**. [Management of iron deficiency anemia: a survey of pediatric hematology/oncology specialists](#). *Pediatric Blood & Cancer* 2015;62:842-6.
37. Ramsay E, Mougnot C, Kazem M, **Laetsch TW**, Chopra R. [Temperature-dependent MR signals in cortical bone: potential for monitoring temperature changes during high-intensity focused ultrasound treatment in bone](#). *Magnetic Resonance in Medicine: Official Journal of the Society of Magnetic Resonance in Medicine / Society of Magnetic Resonance in Medicine* 2015;74:1095-102.

38. Rescorla FJ, Ross JH, Billmire DF, Dicken BJ, Villaluna D, Davis MM, Krailo M, Cullen JW, Olson TA, Egler RA, **Amatruda JF**, Rodrigues-Galindo C, Frazier AL. [Surveillance after initial surgery for Stage I pediatric and adolescent boys with malignant testicular germ cell tumors: Report from the Children's Oncology Group](#). *Journal of Pediatric Surgery* 2015;50:1000-3.
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41. Salzer WL, Jones TL, Devidas M, Dreyer ZE, Gore L, **Winick NJ**, et al. [Decreased induction morbidity and mortality following modification to induction therapy in infants with acute lymphoblastic leukemia enrolled on AALL0631: a report from the Children's Oncology Group](#). *Pediatric Blood & Cancer* 2015;62:414-8.
42. Savage WJ, **Buchanan GR**, Yawn BP, et al. [Evidence gaps in the management of sickle cell disease: A summary of needed research](#). *American Journal of Hematology* 2015;90:273-5.
43. Sectish TC, Hay WW, Jr., Mahan JD, Mendoza FS, Spector ND, Stanton B, Szilagyi PG, Turner TL, Walker LR, Slaw K, Members of the Federation of Pediatric Organizations' Visioning Summit Working, Groups Planning, Committee (**Leavey PJ**). [Blueprint for Action: Visioning Summit on the Future of the Workforce in Pediatrics](#). *Pediatrics* 2015;136:161-9.
44. **Simms-Waldrip T**, Rosen G, Nielsen-Saines K, Ikeda A, Brown B, Moore T. [Invasive fungal infections in pediatric hematopoietic stem cell transplant patients](#). *Infectious Diseases* 2015;47:218-24.
45. Tarlock K, Chang B, Cooper T, Gross T, Gupta S, Neudorf S, Adlard K, Ho PA, McGoldrick S, **Watt T**, et al. [Sorafenib treatment following hematopoietic stem cell transplant in pediatric FLT3/ITD acute myeloid leukemia](#). *Pediatric Blood & Cancer* 2015;62:1048-54.
46. Telen MJ, Wun T, **McCavit TL**, et al. [Randomized phase 2 study of GMI-1070 in SCD: reduction in time to resolution of vaso-occlusive events and decreased opioid use](#). *Blood* 2015;125:2656-64.
47. Thienprayoon R, Campbell R, **Winick N**. [Attitudes and Practices in the Bereavement Care Offered by Children's Hospitals: A Survey of the Pediatric Chaplains Network](#). *Omega* 2015;71:48-59.
48. Thienprayoon R, Lee SC, Leonard D, **Winick N**. [Hospice Care for Children With Cancer: Where Do These Children Die?](#) *Journal of Pediatric Hematology/Oncology* 2015;37:373-7.
49. Thienprayoon R, Marks E, Funes M, Martinez-Puente LM, **Winick N**, Lee SC. [Perceptions of the Pediatric Hospice Experience among English- and Spanish-Speaking Families](#). *Journal of Palliative Medicine* 2016;19:30-41.
50. Tubman VN, Fung EB, Vogiatzi M, Thompson AA, **Rogers ZR**, et al. [Guidelines for the Standard Monitoring of Patients With Thalassemia: Report of the Thalassemia Longitudinal Cohort](#). *Journal of Pediatric Hematology/Oncology* 2015;37:e162-9.
51. Ware RE, Davis BR, Schultz WH, Brown RC, Aygun B, Sarnaik S, Odame I, Fuh B, George A, Owen W, Luchtman-Jones L, **Rogers ZR**, et al. [Hydroxycarbamide versus chronic transfusion for maintenance of transcranial doppler flow velocities in children with sickle cell anaemia-TCD With Transfusions Changing to Hydroxyurea \(TWITCH\): a multicenter, open-label, phase 3, non-inferiority trial](#). *Lancet* 2016;387:661-70.47.

52. Ware RE, Davis BR, Schultz WH, Brown C, Aygun B, Sarnaik S, Odame I, Fuh B, George A, Owen W, Luchtman-Jones L, **Rogers ZR**, et al. [TCD with Transfusions Changing to Hydroxyurea \(TWITCH\): Hydroxyurea Therapy As an Alternative to Transfusions for Primary Stroke Prevention in Children with Sickle Cell Anemia](#). *Blood* 2015;126:3.
53. **Winick NJ**. [The evolution of central nervous system prophylaxis for patients with acute lymphoblastic leukemia](#). *Pediatric Blood & Cancer* 2015;62:1877-8.
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55. Wood JC, Pressel S, **Rogers ZR**, et al. [Liver iron concentration measurements by MRI in chronically transfused children with sickle cell anemia: baseline results from the TWITCH trial](#). *American Journal of Hematology* 2015;90:806-10.
56. Wu SY, **McCavit TL**, Cederberg K, Galindo RL, **Leavey PJ**. [Chemotherapy for Generalized Infantile Myofibromatosis with Visceral Involvement](#). *Journal of Pediatric Hematology/Oncology* 2015;37:402-5.
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62. **Zia AN**, Chitlur M, Rajpurkar M, et al. [Thromboelastography identifies children with rare bleeding disorders and predicts bleeding phenotype](#). *Haemophilia: the Official Journal of the World Federation of Hemophilia* 2015;21:124-32.
63. **Zia A**, O'Brien SH. [Global coagulation assays: A clinical perspective](#). *Journal of Thrombosis and Thrombolysis* 2015;39(1):89-94.

## Book Sections

1. Frazier AL, Olson TA, Schneider DT, Perlman EJ, **Amatruda JF**. Germ Cell Tumors. In: Pizzo P, Poplack D, eds. *Principles and Practice of Pediatric Oncology*. 7th ed. Philadelphia: Wolts Kluwer; 2015.
2. Frazier AL, **Amatruda JF**. Germ Cell Tumors. In: Fisher DE, Nathan D, Look AT, eds. *Nathan and Oski's Textbook of Pediatric Hematology-Oncology*. 2nd ed. Philadelphia: Saunders; 2015.
3. **Martin AA, Leavey PJ**. Signs and Symptoms. In: Cripe TP, Yeager ND, eds. *Malignant Pediatric Bone Tumors - Treatment & Management*. 1st ed: Springer; 2015.

Pediatric Hematology-Oncology "Red Team". Resident Handbook. Revised March 2011. All fevers in pediatric oncology patients are considered oncologic emergencies. Our patients require immediate assessment, as untreated sepsis with neutropenia can lead quickly to clinical decompensation including hypotension and death. Drawing of CBC with differential and appropriate cultures and administration of antibiotics must be performed within one hour of patient arrival to ED. Practical Algorithms in Pediatric Hematology and Oncology: (Practical Algorithms in Pediatrics. Series Editor: Z. Hochberg). R.H. Sills. This new edition of Handbook of Pediatric Hematology and Oncology: Children's Hospital & Research Center Oakland features practical guidance on how to handle common inpatient and outpatient challenges seen in pediatric hematology and oncology. Designed as a rapid reference to the latest diagnostic and therapeutic protocols, the text is short and didactic and supplemented with practical algorithms and case studies throughout. Pediatric Hematology Oncology, Cardiovascular medicine and haematology. Evaluation of an Integrative Care Program in Pediatric Oncology-. Purpose: This article discusses the results of an evaluation of the one-year implementation period of an integrative care program at a pediatric oncology ward, which consists of integrative care treatments offered three times a week to more. Purpose: This article discusses the results of an evaluation of the one-year implementation period of an integrative care program at a pediatric oncology ward, which consists of integrative care treatments offered three