Curriculum Vitae

Allison King, M.D., M.P.H., Ph.D.

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Personal Information

Birthplace:	St. Louis, Missouri
Citizenship:	USA

Address and Telephone Numbers

University: Washington University in St. Louis
School of Medicine
Occupational Therapy
660 S. Euclid Ave.
St. Louis, MO 63110
Campus Box 8505

Phone: Clinic: 314-454-6018; Office 314-454-4291
Fax: 314-286-1601
email: king_a@wustl.edu

Present Positions

Associate Professor, Occupational Therapy
Associate Professor, Surgery
Associate Professor of Pediatrics, Hematology and Oncology
Associate Professor, Department of Medicine
Researcher, Patient Oriented Research Unit

Education and Training

1988 - 1992	BS, Electrical Engineering, Washington University, St. Louis, Missouri
1992 - 1996	MD, Medicine, University of Missouri, Columbia, Missouri
2001 - 2003	MPH, Community Health, Saint Louis University, St. Louis, Missouri
2006 - 2015	PhD, *With Distinction*, Education, Saint Louis University, St. Louis, Missouri
1996 - 1999	Resident in Pediatrics, St. Louis Children's Hospital and Washington University School of Medicine, St. Louis, Missouri
2000 - 2003	Fellow in Pediatrics, Division of Hematology and Oncology, St. Louis Children's Hospital and Washington University School of Medicine, St. Louis, Missouri
2002 - 2002	Visiting Fellow, Children's National Medical Center, Washington D.C.

Academic Positions and Employment

1999 - 2000	Instructor in Pediatrics, Newborn Medicine, Washington University in St. Louis, St. Louis, MO
1999 - Pres	Researcher, Patient Oriented Research Unit, Washington University in St. Louis, St. Louis, MO
2003 - 2006	Instructor in Pediatrics, Hematology and Oncology, Washington University in St. Louis, St. Louis, MO
2007 - 2016	Assistant Professor of Pediatrics, Occupational Therapy, Washington University in St. Louis, St. Louis, MO
2013 - Pres	Associate Director for Medical Students, Master of Population Health Sciences, Washington University, St. Louis, MO
2014 - 2016	Assistant Professor, Department of Education, Washington University, St. Louis, Missouri
2015 - 2016	Assistant Professor, Department of Surgery, Division of Public Health Sciences, Washington University, St. Louis, MO
2016 - Pres	Associate Professor of Pediatrics, Hematology and Oncology, Washington University in St. Louis, St. Louis, MO
2016 - Pres	Associate Professor, Department of Medicine, Washington University in St. Louis, St. Louis, MO
2016 - Pres	Associate Professor, Occupational Therapy, Washington University in St. Louis, St. Louis, MO
2016 - Pres	Associate Professor, Surgery, Washington University in St. Louis, St. Louis, MO

Appointments and Committees

National Appointments

2007 - Pres	Member of Clinical Research Training Institute Review Committee, American Society of Hematology
2007 - 2008	Faculty, Sickle Cell Grant Writing Workshop, Memorial Healthcare
2008 - 2012	Faculty, Clinical Research Training Institute, American Society of Hematology
2009 - Pres	Cancer Center Representative for Comprehensive Cancer Center AYA Coalition
2011 - Pres	Member, Educational Affairs Committee, American Society of Hematology
2012 - Pres	National Comprehensive Cancer Network, Survivorship Panel Representative
2014 - Pres	Chair, American Society of Hematology Clinical Research Training Institute Oversight Committee

Local Appointments

1998 - 1999	St. Louis Lead Committee
2013 - Pres	Regional Early Childhood Council

University Affiliations

2002 - 2004	Human Studies Committee
2007 - Pres	PhD Committee, Program in Occupational Therapy
2008 - Pres	Institute of Public Health
2009 - Pres	Masters of Population Health Sciences, Program Committee
2012 - Pres	Behavioral Science Committee of Peer Review Monitoring Committee, Siteman Comprehensive Cancer Center
2013 - Pres	Clinical Survivorship Planning Committee, Siteman Comprehensive Cancer Center
2014 - Pres	Medical Director of Survivorship, Siteman Comprehensive Cancer Center

Hospital Affiliations

1999 - Pres	Attending Physician, St. Louis Children's Hospital
2016 - Pres	Attending Physician, Barnes Jewish Hospital
2017 - Pres	Attending Physician, Christian Northeast Hospital

Scholarship Oversight Committees

2009 - 2011	Kevin Baszis (Advisor: Tony French)
2011 - 2013	Gayle Murray (Advisor: Robert Hayashi)
2012 - 2015	Melissa Schapiro (Advisor: Robert Hayashi)
2014 - Pres	Emily Walling (Advisor: Jane Garbutt)
2015 - Pres	Cecelia Calhoun (Advisor: Allison King and Shalini Shenoy)
2017 - Pres	Bryan Sisk (Advisor: James Du Bois)

Licensure and Certifications

1996 - Pres	MO Physician - Permanent Licensure #110685
1996 - Pres	American Board of Pediatrics
1998 - Pres	National Board of Medical Examiners
2005 - Pres	Pediatric Hematology and Oncology, American Board of Pediatrics

Honors and Awards

2003 - 2004	American Heart Association Post Doctoral Fellowship Award
2003 - 2006	National Institutes of Health Pediatric Research Loan Repayment Award
2005 - 2005	Jacob Javits Junior Investigator Award
2005 - 2006	ASH Clinical Research Training Institute
2009 - 2014	ASH Scholar Award
2015	Washington University’s Gerry and Bob Virgil Ethic of Service Award

Editorial Responsibilities

Editorial Ad Hoc Reviews

2004 - Pres	Journal of Pediatric Hematology and Oncology
2005 - 2006	The Smithsonian Institution
2008 - Pres	Neurology
2008 - Pres	Pediatric Blood and Cancer
2012 - Pres	Blood
2013 - Pres	Child Neurology
2013 - Pres	Journal of Pediatrics
2013 - Pres	Neuro-Oncology
2015 - Pres	American Journal of Occupational Therapy
2016 - Pres	Developmental Medicine & Child Neurology
2016 - Pres	Journal of the International Neuropsychological Society
2016 - Pres	Journal of Health Care for the Poor and Underserved
2017 - Pres	Molecular Genetics & Genomic Medicine
2017 - Pres	Blood Advances

Editorial Boards

2015 - Pres	Pediatric Hematology and Oncology Editorial Board

Professional Societies and Organizations

1999 - Pres	American Academy of Pediatrics
2000 - 2006	Society for Neuro-Oncology
2003 - Pres	American Society of Clinical Oncology
2004 - Pres	American Society of Pediatric Hematology/Oncology
2005 - Pres	Academic Women's Network
2005 - Pres	American Society of Hematology
2011 - Pres	American Occupational Therapy Association
2011 - Pres	Association of Pediatric Hematology and Oncology Educational Specialists

Research Support

Governmental Support

U01 HL133994-01 (King) 8/5/2016- 6/30/2022

NIH-NHLBI

The Implementation of Cognitive Screening and Educational Support to Improve Outcomes of Adolescents and Young Adults with Sickle Cell Disease: From Clinic to the Community and Back

The overall goal of this project is to use implementation science methods to improve outcomes of adolescents and adults with sickle cell disease.

SCDTDP U1EMC27865 (King) 9/1/2017- 8/31/2021

HRSA

Sickle Cell Treatment Demonstration Program

The overall goal of this project to educate medical providers about sickle cell disease so that evidence-based, culturally competent care is provided to patients. To attain this goal, we will lead a regional collaborative across to provide education, quality improvement activities, support the implementation of the NHLBI Expert Panel Report, and training for medical providers in our eight state region.

Supplement 3 U01 HL133994-02S1 (King) 9/2/2017- 6/30/2020

NIH-NHLBI

The Implementation of Cognitive Screening and Educational Support to Improve Outcomes of Adolescents and Young Adults with Sickle Cell Disease: From Clinic to the Community and Back

This is a supplement to support Ana Baumann, PhD, in her career development in implementation science within Dr. King's primary award.

UG1 HL109137 (Westervelt) 7/27/2017- 6/30/2024

NIH-NHLBI

Core Clinical Centers for the Blood and Marrow Transplant Clinical Trials Network

The long term goal of the proposed study is to apply novel concepts in immunology and hematopoietic cell transplantation to develop new and more effective therapies for the treatment of patients with advanced hematopoietic malignancies. In this proposal we focus on developing a new cellular immunotherapy approach for treating elderly patients with relapsed refractory AML, an aggressive disease with poor prognosis.

Non-Governmental Support

MC-II-2016-524 (Shenoy) 2/1/2016- 1/31/2019

Children’s Discovery Institute (CDI)

A Phase I Trial of Familial Haploidentical Nonmyeloablative Bone Marrow Transplantation in Children

Our proposed specific aims for this study are to evaluate the overall and disease free survival after novel haploidentical HCT therapy in SCD children. To evaluate the HCT specific outcomes – GVHD, immune recovery and to appraise SCD related organ function after HCT.

Center for Health Economics and Policy (Johnson) 6/1/2017- 5/31/2018

Washington University

Impacts of the ACA dependent care provision on young adults with cancer

The goal of this project is to evaluate the impact of the Affordable Care Act dependent care policy (1) on insurance coverage and (2) on cancer stage at diagnosis in adolescent and young adult cancer patients overall and in subgroups.

University Research Strategic Alliance (King) 4/1/2016- 3/30/2018

Washington University

Disparities in Healthcare among Patients with Sickle Cell Disease

The overall goal of this project is to use national Medicaid data claims to understand prescription patterns of sickle cell disease and disparities in use.

Completed Support

R34 HL108756 (Casella) 9/1/2011- 7/31/2015

NIH/NHLBI

Hydroxyurea to Prevent CNS Complications of Sickle Cell Disease in Children

The long term goal of this project is to perform a primary prevention trial to demonstrate the neuroprotective effect of HU and broaden the indications for HU in children. The short term goal of this project is to establish the feasibility of study procedures for a definitive phase III trial.

Clinical and Translational Science Award (King) 6/1/2013- 5/31/2014

Barnes Jewish Hospital Foundation

Feasibility of Smart Phone Self-Management among Adolescents with Sickle Cell

The overall goal of this project is to demonstrate the feasibility of smart phone technology for adolescents with SCD to organize their medical care and report functional outcomes.

SCDTDP U1EMC17182 (King) 1/1/2010- 12/31/2013

HRSA

Missouri Network for Education and Treatment of Sickle Cell Disease

The overall goal of this project is to enhance prevention and treatment of sickle cell disease (SCD) through the coordination of service delivery; genetic counseling and testing; and training of health professionals. We partner with local, state and national partners to contribute to national data sets developed to improve the lives of people with sickle cell disease. Specific projects focus on improving the transition from pediatric to adult care and ensuring a medical home.

(King) 6/1/2008- 12/31/2013

NMDP

Neurocognitive Analysis of BMT CTN 0601 – Unrelated Donor Hematopoietic Cell Transplantation for Patients with Severe Sickle Cell Disease Using a Reduced Intensity Conditioning Regimen

The goal of this study is to determine the change in cognitive function of children with sickle cell disease after bone marrow transplantation. This is a prospective study.

Clinical Scholar Award (King) 7/1/2009- 6/30/2013

ASH

Expansion of a Randomized Educational Rehabilitation Trial for Students with Sickle Cell Disease and Memory Deficits

The purpose of this project is to extend our currently funded educational rehabilitation study for students with SCD to a second clinical site. Specifically, the funding will allow us to address the feasibility of a multi-center clinical trial and to address the generalizability of our results.

Genetic Services Project H46MC09231 (King) 6/1/2008- 5/31/2012

HRSA

A Community Based Sickle Cell Trait Education Program

The overall goals of this project are to provide genetic counseling to families of children with sickle cell disease and sickle cell trait while partnering with federally qualified health centers in the St. Louis metropolitan area. We partner with local, state and national partners to contribute to national data sets developed to improve the lives of people with sickle cell disease.

CDSA 2005063 (King) 12/15/2005- 12/31/2010

Doris Duke Charitable Foundation

Cognition in Children with Sickle Cell Anemia

The major goals of this program are: 1) To determine what factors, other than cerebral infarcts and anemia, if any, contribute to cognitive deficits in children with sickle cell anemia. 2) To develop a prospective cohort of children with sickle cell anemia to assess their cognitive function over time while assessing their mothers to determine the influence, if any, of maternal emotional status on their children's cognition. This is a prospective cohort study.

IRG (King) 11/1/2003- 12/31/2004

American Cancer Society

Identifying Educational Outcomes and Resources for Pediatric Brain Tumor Survivors Treated with Radiation Therapy, A Pilot Study

The major goals of this program are: 1) To test the feasibility of an educational advocacy program and 2) To determine educational and neurocognitive outcomes of children with brain tumors treated with radiation.

Postdoctoral Fellowship (King) 1/1/2003- 12/31/2004

American Heart Association

An Educational Rehabilitation Program in Children with Strokes

The major goals of this program are: 1) To provide cognitive specific deficit rehabilitation and 2) To demonstrate the feasibility of an integrated approach including a physician, social worker, neuropsychologist and teacher to assist the educational attainment of children with strokes.

6 U1EMC278650101 (King) 9/1/2014- 8/31/2017

HRSA

Sickle Cell Treatment Demonstration Program

The overall goal of this project to educate medical providers and patients about sickle cell disease so that evidence-based, culturally competent care is provided to patients. To attain this goal, we will lead a regional collaborative across to disseminate evidence based guidelines, provide education, and implement quality improvement activities and training for medical providers in our four state region.

U2-401-HL69294 (King) 6/1/2008- 6/30/2017

NIH

Neurocognitive Analysis of BMT CTN 0601 – Unrelated Donor Hematopoietic Cell Transplantation for Patients with Severe Sickle Cell Disease Using a Reduced Intensity Conditioning Regimen

The goal of this study is to determine the change in cognitive function of children with sickle cell disease after bone marrow transplantation. This is a prospective study.

R34 HL108756 (King) 8/1/2012- 7/31/2013

National Heart, Lung and Blood Institute

Hydroxyurea to Prevent CNS Complications of Sickle Cell Disease in Children

The overall goal of this project is to determine if hydroxyurea will prevent silent cerebral infarcts or overt strokes among young children with sickle cell anemia. This is a randomized, controlled trial.

HHSN267200700033C (Flick) 6/1/2008- 3/27/2013

NICHD

National Children's Study

The National Children's Study is a prospective cohort study that will examine the effects of environmental influences on the health and development of more than 100,000 children across the United States, following them from before birth until age 21. The goal of the study is to improve the health and well-being of children

UO1 NS042804 (DeBaun) 12/1/2004- 12/30/2013

NINDS

Silent Cerebral Infarct Multi-Center Clinical Trial

The overall goal of this trial is to determine whether blood transfusion therapy will decrease further neurologic morbidity in children with silent cerebral infarcts, and if so, the magnitude of this benefit. This is a randomized, controlled trial.

Teaching Responsibilities

2012 - Pres	Instructor, OT573P
2012 - Pres	Instructor, OT574P
2012 - Pres	Instructor, OT601
2012 - Pres	Instructor, OT751P
2012 - Pres	Instructor, OT752P
2013 - Pres	Instructor, Current Topics in Public Health, M19 500
2015 - Pres	Instructor, Practice of Medicine I

Publications

1. King A, Gutmann DH. The question of familial meningiomas and schwannomas: NF2B or not to be? *Neurology*. 2000;54(1):4-5. PMID:10636116
2. DeBaun MR, King AA, White N. Hypoglycemia in Beckwith-Wiedemann syndrome. *Semin Perinatol*. 2000;24(2):164-71. PMID:10805171
3. King AA, Debaun MR, Riccardi VM, Gutmann DH. Malignant peripheral nerve sheath tumors in neurofibromatosis 1. *Am J Med Genet*. 2000;93(5):388-92. PMID:10951462
4. Herron S, Bacak SJ, King A, DeBaun MR. Inadequate recognition of education resources required for high-risk students with sickle cell disease. *Arch Pediatr Adolesc Med*. 2003;157(1):104. PMID:12517203

5. King A, Listernick R, Charrow J, Piersall L, Gutmann DH. Optic pathway gliomas in neurofibromatosis type 1: the effect of presenting symptoms on outcome. *Am J Med Genet A*. 2003;122A(2):95-9. doi:10.1002/ajmg.a.20211 PMID:12955759
6. Mosse Y, Greshock J, King A, Khazi D, Weber BL, Maris JM. Identification and high-resolution mapping of a constitutional 11q deletion in an infant with multifocal neuroblastoma. *Lancet Oncol*. 2003;4(12):769-71. PMID:14662434
7. King AA, Tang S, Ferguson KL, DeBaun MR. An education program to increase teacher knowledge about sickle cell disease. *J Sch Health*. 2005;75(1):11-4. PMID:15776876
8. King A, Herron S, McKinstry R, Bacak S, Armstrong M, White D, DeBaun M. A multidisciplinary health care team's efforts to improve educational attainment in children with sickle-cell anemia and cerebral infarcts. *J Sch Health*. 2006;76(1):33-7. doi:10.1111/j.1746-1561.2006.00064.x PMID:16457683
9. Field JJ, Mason PJ, An P, Kasai Y, McLellan M, Jaeger S, Barnes YJ, King AA, Bessler M, Wilson DB. Low frequency of telomerase RNA mutations among children with aplastic anemia or myelodysplastic syndrome. *J Pediatr Hematol Oncol*. 2006;28(7):450-3. doi:10.1097/01.mph.0000212952.58597.84 PMID:16825992
10. Leonard JR, Perry A, Rubin JB, King AA, Chicoine MR, Gutmann DH. The role of surgical biopsy in the diagnosis of glioma in individuals with neurofibromatosis-1. *Neurology*. 2006;67(8):1509-12. doi:10.1212/01.wnl.0000240076.31298.47 PMID:17060590
11. King AA, White DA, McKinstry RC, Noetzel M, Debaun MR. A pilot randomized education rehabilitation trial is feasible in sickle cell and strokes. *Neurology*. 2007;68(23):2008-11. doi:10.1212/01.wnl.0000264421.24415.16 PMID:17548550
12. Dean JB, Hayashi SS, Albert CM, King AA, Karzon R, Hayashi RJ. Hearing loss in pediatric oncology patients receiving carboplatin-containing regimens. *J Pediatr Hematol Oncol*. 2008;30(2):130-4. doi:10.1097/MPH.0b013e31815d1d83 PMID:18376265
13. King AA, DeBaun MR, White DA. Need for cognitive rehabilitation for children with sickle cell disease and strokes. *Expert Rev Neurother*. 2008;8(2):291-6. doi:10.1586/14737175.8.2.291 PMID:18271713
14. King AA, Noetzel M, White DA, McKinstry RC, Debaun MR. Blood transfusion therapy is feasible in a clinical trial setting in children with sickle cell disease and silent cerebral infarcts. *Pediatr Blood Cancer*. 2008;50(3):599-602. doi:10.1002/pbc.21338 PMID:17985350
15. Armstrong GT, Liu Q, Yasui Y, Huang S, Ness KK, Leisenring W, Hudson MM, Donaldson SS, King AA, Stovall M, Krull KR, Robison LL, Packer RJ. Long-term outcomes among adult survivors of childhood central nervous system malignancies in the Childhood Cancer Survivor Study. *J Natl Cancer Inst*. 2009;101(13):946-58. doi:10.1093/jnci/djp148 PMCID:PMC2704230 PMID:19535780
16. Morris B, Partap S, Yeom K, Gibbs IC, Fisher PG, King AA. Cerebrovascular disease in childhood cancer survivors: A Children's Oncology Group Report. *Neurology*. 2009;73(22):1906-13. doi:10.1212/WNL.0b013e3181c17ea8 PMCID:PMC2788797 PMID:19812380
17. Lim AN, Lange BJ, King AA. Rehabilitation for survivors of pediatric brain tumors: our work has just begun *Future Neurology*. 2010;5(1):135-146.
18. Casella JF, King AA, Barton B, White DA, Noetzel MJ, Ichord RN, Terrill C, Hirtz D, McKinstry RC, Strouse JJ, Howard TH, Coates TD, Minniti CP, Campbell AD, Vendt BA, Lehmann H, Debaun MR. Design of the silent cerebral infarct transfusion (SIT) trial. *Pediatr Hematol Oncol*. 2010;27(2):69-89. doi:10.3109/08880010903360367 PMID:20201689
19. Mansur DB, Rubin JB, Kidd EA, King AA, Hollander AS, Smyth MD, Limbrick DD, Park TS, Leonard JR. Radiation therapy for pilocytic astrocytomas of childhood. *Int J Radiat Oncol Biol Phys*. 2011;79(3):829-34. doi:10.1016/j.ijrobp.2009.11.015 PMID:20421157
20. Berg C, Edwards DF, King A. Executive function performance on the children's kitchen task assessment with children with sickle cell disease and matched controls. *Child Neuropsychol*. 2012;18(5):432-48. doi:10.1080/09297049.2011.613813 PMID:21961955
21. Creach KM, Rubin JB, Leonard JR, Limbrick DD, Smyth MD, Dacey R, Rich KM, Dowling JL, Grubb RL Jr, Linette GP, King AA, Michalski JM, Park TS, Perry A, Simpson JR, Mansur DB. Oligodendrogliomas in children. *J Neurooncol*. 2012;106(2):377-82. doi:10.1007/s11060-011-0674-6 PMID:21842314
22. Miller ST, Kim HY, Weiner D, Wager CG, Gallagher D, Styles L, Dampier CD, Investigators of the Sickle Cell Disease Clinical Research Network (SCDCRN). Inpatient management of sickle cell pain: a 'snapshot' of current practice. *Am J Hematol*. 2012;87(3):333-6. PMID:22231150
23. DeBaun MR, Sarnaik SA, Rodeghier MJ, Minniti CP, Howard TH, Iyer RV, Inusa B, Telfer PT, Kirby-Allen M, Quinn CT, Bernaudin F, Airewele G, Woods GM, Panepinto JA, Fuh B, Kwiatkowski JK, King AA, Rhodes MM, Thompson AA, Heiny ME, Redding-Lallinger RC, Kirkham FJ, Sabio H, Gonzalez CE, Saccente SL, Kalinyak KA, Strouse JJ, Fixler JM, Gordon MO, Miller JP, Noetzel MJ, Ichord RN, Casella JF. Associated risk factors for silent cerebral infarcts in sickle cell anemia: low baseline hemoglobin, sex, and relative high systolic blood pressure. *Blood*. 2012;119(16):3684-90. doi:10.1182/blood-2011-05-349621 PMCID:PMC3335377 PMID:22096242
24. King AA, Heyer GL. Moving from gene discovery to clinical trials in Hutchinson-Gilford progeria syndrome. *Neurology*. 2013;81(5):408-9. doi:10.1212/WNL.0b013e31829d87cd PMID:23897868
25. Denlinger CS, Carlson RW, Are M, Baker KS, Davis E, Edge SB, Friedman DL, Goldman M, Jones L, King A, Kvale E, Langbaum TS, Ligibel JA, McCabe MS, McVary KT, Melisko M, Montoya JG, Mooney K, Morgan MA, O'Connor T, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian N, Freedman-Cass D. Survivorship: introduction and definition. Clinical practice guidelines in oncology. *J Natl Compr Canc Netw*. 2014;12(1):34-45. PMID:24453291
26. Denlinger CS, Carlson RW, Are M, Baker KS, Davis E, Edge SB, Friedman DL, Goldman M, Jones L, King A, Kvale E, Langbaum TS, Ligibel JA, McCabe MS, McVary KT, Melisko M, Montoya JG, Mooney K, Morgan MA, O'Connor T, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian N, Freedman-Cass D, National compresensive cancer network. Survivorship: sexual dysfunction (female), version 1.2013. *J Natl Compr Canc Netw*. 2014;12(2):184-92. PMID:24586080
27. King AA, Strouse JJ, Rodeghier MJ, Compas BE, Casella JF, McKinstry RC, Noetzel MJ, Quinn CT, Ichord R, Dowling MM, Miller JP, Debaun MR. Parent education and biologic factors influence on cognition in sickle cell anemia. *Am J Hematol*. 2014;89(2):162-7. doi:10.1002/ajh.23604 PMID:24123128

28. Hoyt Drazen C, Abel R, Lindsey T, King AA. Development and feasibility of a home-based education model for families of children with sickle cell disease. *BMC Public Health*. 2014;14(1):116. doi:10.1186/1471-2458-14-116 PMID:24499305

29. Denlinger CS, Carlson RW, Are M, Baker KS, Davis E, Edge SB, Friedman DL, Goldman M, Jones L, King A, Kvale E, Langbaum TS, Ligibel JA, McCabe MS, McVary KT, Melisko M, Montoya JG, Mooney K, Morgan MA, O'Connor T, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian N, Freedman-Cass D, National comprehensive cancer network. Survivorship: sexual dysfunction (male), version 1.2013. *J Natl Compr Canc Netw*. 2014;12(3):356-63. PMID:24616541

30. Denlinger CS, Ligibel JA, Are M, Baker KS, Demark-Wahnefried W, Friedman DL, Goldman M, Jones L, King A, Ku GH, Kvale E, Langbaum TS, Leonardi-Warren K, McCabe MS, Melisko M, Montoya JG, Mooney K, Morgan MA, Moslehi JJ, O'Connor T, Overholser L, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian N, Freedman-Cass D, National Comprehensive Cancer Network. Survivorship: pain version 1.2014. *J Natl Compr Canc Netw*. 2014;12(4):488-500. PMID:24717568

31. Denlinger CS, Ligibel JA, Are M, Baker KS, Demark-Wahnefried W, Friedman DL, Goldman M, Jones L, King A, Ku GH, Kvale E, Langbaum TS, Leonardi-Warren K, McCabe MS, Melisko M, Montoya JG, Mooney K, Morgan MA, Moslehi JJ, O'Connor T, Overholser L, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian N, Freedman-Cass D, National Comprehensive Cancer Network. Survivorship: sleep disorders, version 1.2014. *J Natl Compr Canc Netw*. 2014;12(5):630-42. PMID:24812132

32. King A, Shenoy S. Evidence-based focused review of the status of hematopoietic stem cell transplantation as treatment of sickle cell disease and thalassemia. *Blood*. 2014;123(20):3089-94; quiz 3210. doi:10.1182/blood-2013-01-435776 PMID:24511087

33. Denlinger CS, Ligibel JA, Are M, Baker KS, Demark-Wahnefried W, Friedman DL, Goldman M, Jones L, King A, Ku GH, Kvale E, Langbaum TS, Leonardi-Warren K, McCabe MS, Melisko M, Montoya JG, Mooney K, Morgan MA, Moslehi JJ, O'Connor T, Overholser L, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian N, Freedman-Cass D. Survivorship: fatigue, version 1.2014. *J Natl Compr Canc Netw*. 2014;12(6):876-87. PMID:24925198

34. Hensler M, Wolfe K, Lebensburger J, Nieman J, Barnes M, Nolan W, King A, Madan-Swain A. Social skills and executive function among youth with sickle cell disease: a preliminary investigation. *J Pediatr Psychol*. 2014;39(5):493-500. doi:10.1093/jpepsy/jst138 PMCID:PMC4027877 PMID:24431467

35. Denlinger CS, Ligibel JA, Are M, Baker KS, Demark-Wahnefried W, Friedman DL, Goldman M, Jones L, King A, Ku GH, Kvale E, Langbaum TS, Leonardi-Warren K, McCabe MS, Melisko M, Montoya JG, Mooney K, Morgan MA, Moslehi JJ, O'Connor T, Overholser L, Paskett ED, Raza M, Syrjala KL, Urba SG, Wakabayashi MT, Zee P, McMillian NR, Freedman-Cass DA, National Comprehensive Cancer Network. Survivorship: cognitive function, version 1.2014. *J Natl Compr Canc Netw*. 2014;12(7):976-86. PMID:24994918

36. King AA, DiPersio JF. Reconsideration of age as a contraindication for curative therapy of sickle cell disease. *JAMA*. 2014;312(1):33-34. doi:10.1001/jama.2014.7193 PMID:25058214

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