

## **CURRICULUM VITAE**

**David M. King MD**

**Chair, Professor  
Department of Orthopaedic Surgery  
Division of Clinical**

### **OFFICE ADDRESS:**

The Hub for Collaborative Medicine  
8701 Watertown Plank Road  
Milwaukee, WI 53226

### **EDUCATION:**

1992 BS - Exercise Science with honors, University of Iowa, Iowa City, IA  
1996 MD, University of Iowa, Iowa City, IA

### **POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:**

1996 - 2001 Internship and Residency in Orthopaedic Surgery, University of Chicago, Chicago, IL  
2001 - 2002 Fellowship in Musculoskeletal Oncology, University of Chicago, Chicago, IL

### **FACULTY APPOINTMENTS:**

2002 - 2008 Assistant Professor, Department of Orthopaedic Surgery, Musculoskeletal Oncology, Medical College of Wisconsin, Milwaukee, WI  
2008 - 2016 Associate Professor, Department of Orthopaedic Surgery, Musculoskeletal Oncology, Medical College of Wisconsin, Milwaukee, WI  
2016 - Present Professor, Department of Orthopaedic Surgery, Musculoskeletal Oncology, Medical College of Wisconsin, Milwaukee, WI

### **ADMINISTRATIVE APPOINTMENTS:**

2004 - Present Cancer Center Committee, Froedtert Hospital  
2004 - 2006 Faculty Council Member, Medical College of Wisconsin  
2013 - Present Sarcoma Program Clinical Leader, Medical College of Wisconsin  
2013 - 2017 Division Chief, Musculoskeletal Oncology Section, Medical College of Wisconsin  
2014 - Present Head of Patient Satisfaction Committee, Orthopaedic Surgery, Medical College of Wisconsin  
2015 - Present Orthopaedic Department Service Champion, Orthopaedic Surgery, Medical College of Wisconsin  
2016 - Present Chair, Orthopaedic Surgery, Medical College of Wisconsin, 8701 Watertown Plank Rd, Milwaukee, WI 53226  
2018 Search Committee, Pediatric Plastic Surgery Chief, Medical College of Wisconsin  
2018 Search Committee, Kern Institute Director  
2018 - Present MCP Finance Committee, Medical College of Wisconsin

### **EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:**

2003 - 2013 Member of Curriculum and Education Committee, Orthopaedic Surgery, Medical College of Wisconsin  
2013 - Present Member of Program Evaluation Committee, Orthopaedic Surgery, Medical College of Wisconsin  
2013 - Present Member of Clinical Competency Committee, Orthopaedic Surgery, Medical College of Wisconsin  
2014 - Present Pathways Advisor, Orthopaedic Surgery, Medical College of Wisconsin

**HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:**

2013 - Present Orthopaedic Liason for ISIS Project, Orthopaedic Surgery, Medical College of Wisconsin

**RESEARCH ADMINISTRATIVE APPOINTMENTS:**

2003 - Present Research Committee Member, Orthopaedic Surgery, Medical College of Wisconsin

2004 - 2005 Member Ad Hoc Research Evaluation Committee, Orthopaedic Surgery, Medical College of Wisconsin

**SPECIALTY BOARDS AND CERTIFICATION:**

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Orthopaedic Surgery	2005	2025

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
State of Wisconsin	44251		None
State of Illinois	036-104145		None

**AWARDS AND HONORS:**

1988 - 1992 Undergraduate Presidential Scholar, University of Iowa

1991 Order of Omega

1992 Phi Beta Kappa

1995 Alpha Omega Alpha, Honor Medical Society

2004 Selected by peers as a Top Doctor in Southeast Wisconsin

2005 - 2006 Outstanding Clinical Instructor of the Year, Medical College of Wisconsin Department of Orthopaedic Surgery

2006 - 2007 Outstanding Faculty Educator of the Year, Medical College of Wisconsin Department of Orthopaedic Surgery

2009 - 2018 Selected by his peers for inclusion in Best Doctors in America®

2015 Selected by peers as a Top Doctor in Southeast Wisconsin

2016 Selected by peers as a Top Doctor in Southeast Wisconsin

2016 Named Top Reviewer for CORR, Clinical Orthopaedics & Related Research

2017 Named Top Reviewer for CORR, Clinical Orthopaedics and Related Research

2018 Selected by peers as a Top Doctor in Southeast Wisconsin

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

2003 - Present Musculoskeletal Tumor Society (Member)

2005 - Present American Academy of Orthopaedic Surgeons (Member)

2005 - Present American Board of Orthopaedic Surgery (Board Certified)

2010 - Present Connective Tissue Oncology Society (Member)

2015 - Present American Orthopaedic Association (Member)

2016 - Present American Orthopaedic Association Council of Residency Directors (CORD) (Member)

2016 - Present The Milwaukee Surgical Society (Member)

**EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

Journal Review

2008 - Present CORR (Clinical Orthopaedics and Related Research)

**INVITED LECTURES/WORKSHOPS/PRESENTATIONS:****Local**

King DM, Care for the musculoskeletal oncology patient, 2015 Orthopaedic Conference: Soaring to New Heights in Orthopaedic Care: An Interdisciplinary Approach, Milwaukee, WI, 09/2015

**Regional**

Course Syllabus Midwestern Musculoskeletal Pathology Review Course, 2000 - Present

- King DM, The evaluation and management of metastatic disease, Wisconsin Orthopaedic Society Spring Meeting, Waukesha, WI, 05/2003
- King DM, Soft tissue sarcoma resections: How wide is wide?, University of Chicago Orthopaedic Grand Rounds, Chicago, IL, 06/2010
- King DM, Percutaneous treatment of metastatic disease of the pelvis, Iowa Orthopaedic Society Spring Meeting, Des Moines, IA, 04/2014
- King DM, Practice building and enrichment: How to do more of what you love to do, Iowa Orthopaedic Society Spring Meeting, Des Moines, IA, 04/2014
- Tutton S, King D, Collaborative treatment of skeletal metastatic disease: Changing the paradigm, University of Chicago MSK-IR Virtual Grand Rounds, Chicago, IL, 01/2021
- King, DM, Emerging Techniques for the Treatment of Metastatic Bone Disease, Western Michigan University Homer Stryker MD School of Medicine Grand Rounds, Kalamazoo, MI, 12/14/2023

#### **PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

##### **National**

- King DM, Toolan B, Sagittal plane deformities in hallux valgus, AOA Resident Conference, Hershey, PA, 2001
- King DM, Hackbarth DA, Kilian C, Utility of CT scans of chest, abdomen, and pelvis vs chest CT scan alone in the initial staging and surveillance of patients with soft-tissue sarcomas, Musculoskeletal Tumor Society Annual Meeting, Phoenix, AZ, 2008
- King DM, Hackbarth DA, Osipov VO, Poster Molecular clearance of resection margins of desmoid fibromatosis: Does it work?, Musculoskeletal Tumor Society Annual Meeting, Phoenix, AZ, 2008
- Wang D, Rownd J, Li A X, King D, Hackbarth D, Adjuvant high-dose-rate brachytherapy (HDRBT) for extremity soft tissue sarcomas: initial clinical experience, Connective Tissue Oncology Society Meeting, Miami Beach, FL, 2009
- King D, Beutler R, Hackbarth DA, Regional anesthetic blocks are a risk for unanticipated postoperative nerve deficits in patients undergoing megaprosthesis or allograft reconstruction of the lower extremities, Musculoskeletal Tumor Society Annual Meeting, Philadelphia, PA, 2010
- King D, Kirkpatrick A, Hackbarth D, Quantitative margin versus local recurrence for extremity soft tissue sarcomas – how wide is wide?, Musculoskeletal Tumor Society 2010 Annual Meeting, Philadelphia, PA, 2010
- Carlson BR, Tutton SM, Rilling WS, Hackbarth DA, King DM, Neurological monitoring during image guided musculoskeletal tumor ablation: a novel solution to a complex problem, World Conference of Interventional Oncology, Philadelphia, PA, 2010
- Bedi M, King D, Zambrano EV, Shivakoti M, Baynes K, Mautz AP, DuBois M, Charlson J, Hackbarth DA, Wang D, Poster Estimation of prognostic variables for survival in patients with primary localized soft tissue sarcoma of extremity and trunk treated with neoadjuvant radiation or chemoradiation., Combined Meeting of the Connective Tissue Oncology Society and the Musculoskeletal Tumor Society, Chicago, IL, 2011
- Bedi M, King D, Hackbarth DA, Charlson J, Whitfield R, Wang D, Poster Prognostic variables for post-metastasis survival in patients with soft tissue sarcoma of the extremity and trunk., Combined Meeting of the Connective Tissue Oncology Society and the Musculoskeletal Tumor Society, Chicago, IL, 2011
- Pappas S, Bedi M, Turaga K, King D, Hackbarth D, LoGiudice J, Neilson J, Charlson J, Whitfield R, Wang D, Poster Abdominoinguinal approach to retroperitoneal tumors with proximal thigh or groin extension., Combined Meeting of the Connective Tissue Oncology Society and the Musculoskeletal Tumor Society, Chicago, IL, 2011
- Whitfield R, King D, Pappas S, Rossi P, Charlson J, Bedi M, Wang D, Hackbarth D, Poster The use of perforator flaps in the reconstruction of soft tissue sarcoma defects: an initial experience., Poster Combined Meeting of the Connective Tissue Oncology Society and the Musculoskeletal Tumor Society, Chicago, IL, 2011
- Kook B, King D, Hackbarth DA, Poster Antiprotusio cage gap cup acetabular reconstructions for tumor – analysis of outcomes., Combined Meeting of the Connective Tissue Oncology Society and the Musculoskeletal Tumor Society, Chicago, IL, 2011
- King D, Hackbarth D, Carrera G, Baynes KE, Osipov V, Ability to obtain molecular genetics from percutaneous biopsy of extremity sarcomas, American Academy of Orthopaedic Surgery Annual Meeting, San Diego, CA, 2011

- King D, Hackbarth DA, Kirkpatrick A, Neilson JC, Poster Reverse total shoulder arthroplasty with allograft proximal humerus reconstruction following tumor resection – initial experience., Combined Meeting of the Connective Tissue Oncology Society and the Musculoskeletal Tumor Society, Chicago, IL, 2011
- Bedi M, Zambrano E, King D, Hackbarth D, Charlson J, Whitfield R, Bergom C, Wang D, Poster Difference in rates of necrosis in patients with primary soft tissue sarcoma of the extremity and trunk treated with neoadjuvant radiotherapy or chemoradiotherapy., ASTRO Annual Meeting, Miami, FL, 2011
- Bedi M, King D, Zambrano E, Shivakoti M, Baynes K, Mautz A, DuBois J, Charlson J, Hackbarth D, Wang D, Prognostic Variables for Survival in Primary Localized Soft Tissue Sarcomas of the Extremity and Trunk Treated with Neoadjuvant Radiotherapy or Chemoradiotherapy, ASTRO Annual Meeting, Miami, FL, 2011
- King D, Hackbarth D, Kirkpatrick A, Quantitative margin vs local recurrence for extremity bone sarcomas, American Academy of Orthopaedic Surgery Annual Meeting, San Diego, CA, 2011
- Bedi M, King D, Whitfield R, Hackbarth DA, Neilson JC, Charlson JA, Wang D., Poster Smoking and major vein resection predict for post-therapy edema for soft tissue sarcomas treated with neoadjuvant radiation and limb-salvage surgery., Musculoskeletal Tumor Society Annual Meeting, Tampa, FL, 2012
- Bedi M, Kharofa J, Chang J, Zambrano V, Baynes K, Mautz A, DuBois M, King D, Hackbarth D, Charlson J, Wang D, Poster Increase in tumor size on MRI is associated with greater pathologic necrosis and poor survival in patients with soft tissue sarcoma of extremity and body wall treated with neoadjuvant radiotherapy., ASTRO Annual Meeting, Boston, MA, 2012
- Bedi M, Kharofa J, Chang J, Zambrano EV, Baynes K, Mautz AP, DuBois M, King DM, Hackbarth DA, Charlson JA, Poster Increase in tumor size on MRI is associated with greater pathologic necrosis and poor survival in patients with soft tissue sarcoma treated with neoadjuvant radiotherapy., Musculoskeletal Tumor Society Annual Meeting, Tampa, FL, 2012
- King D, Whitfield R, Barker EL, Neilson JC, Hackbarth DA, Poster Human acellular dermal matrix wrapping of complex knee reconstructions minimizes deep infections and allows for excellent range of motion with prolonged immobilization., Musculoskeletal Tumor Society Annual Meeting, Tampa, FL, 2012
- King D, Whitfield R, Hackbarth DA, Neilson JC, Charlson JA, Wang D, Poster Proximal medial thigh tumors have increased risk of major acute wound complications in patients with soft tissue sarcomas treated with neoadjuvant radiation followed by limb-salvage surgery., Musculoskeletal Tumor Society Annual Meeting, Tampa, FL, 2012
- Bedi M, King D, Charlson J, Hackbarth D, Wang D, Neilson J, Poster Multivitamin use improves disease-free and distant metastasis-free survival in patients with soft tissue sarcomas., Musculoskeletal Tumor Society Conference, San Francisco, CA, 2013
- Bedi M, King D, Hackbarth D, Charlson J, Neilson J, Percutaneous Biopsies Performed at Community Hospitals Are Associated With Increased Post-Operative Wound Complication Rates in Patients with Soft Tissue Sarcoma, Musculoskeletal Tumor Society Annual Meeting, San Francisco, CA, 2013
- Paulson E, Prah M, King D, Bedi M, Influence of Arterial Input Function (AIF) Form on DCE-MRI, ASTRO Annual Meeting, San Francisco, CA, 2014
- David King M.D., Meena Bedi M.D., Don Hackbarth M.D., J.C. Neilson M.D., Multiple anticoagulant use increases postoperative wound complications in patients with soft tissue sarcomas, American Academy of Orthopaedic Surgery Annual Meeting, Las Vegas, NV, 03/2015
- David King M.D., Pelvic Floor Reconstructions and Hernia Treatment Following Pelvic Tumor Resections, American Academy of Orthopaedic Surgery Annual Meeting Specialty Day, Las Vegas, NV, 03/2015
- Fritz JM, Garman CMR, Albert CI, Bauwens J, Hackbarth DA, King DM, Neilson JC and Harris GF, Lower body kinematics and joint reaction forces with distal femoral endoprotheses following limb salvage surgery for treatment of osteosarcomas, American Society of Biomechanics, Boulder CO, 2017
- LoGiudice J, deVries J, Neilson JC, King, DM, Hackbarth DA, Staged flap reconstruction of soft tissue sarcoma resections using temporizing negative pressure wound therapy, 2018 Annual Scientific Meeting, American Society of Reconstructive Microsurgery Scientific Paper Presentations: Outcomes Studies/Research, Scottsdale, AZ, 01/2018
- King DM, Pediatric sarcoma in adults: Not one-size-fits-all, ASTRO Annual Meeting, Miami Beach, FL, 10/2020
- Bedi M, Chen Y-L E, Trent J, King David M, Controversies in the Management of Adult Sarcomas, ASTRO Annual Meeting, Miami, FL, 10/2020

## **International**

- Lervick GN, Dow Hoffman R, King DM, Lewis V, Buckwalter JA, Peabody TD, Simon M, Above knee amputation or endoprosthetic total knee arthroplasty for primary bone and soft tissue malignancies at the knee: a comparison of functional outcome, Musculoskeletal Tumor Society Annual Meeting, Toronto, Canada, 2003
- Osipov VO, King DM, Hackbarth DA, Use of beta-Catenin in evaluation of resection margins in soft tissue fibromatosis, Presented at the XXVI Congress of the International Academy of Pathology, Montreal, Canada, 2006
- Bedi M, Kharofa J, Chang J, Zambrano V, Baynes K, Mautz A, DuBois M, King D, Hackbarth D, Poster Pathologic necrosis and poor survival in patients with soft tissue sarcoma treated with neoadjuvant therapy, CTOS Annual Meeting, Prague, Czech Republic, 2012
- Van Boxtel M, Cardwell M, Bedi M, Neilson JC, LoGiudice J, Wooldridge A, King D, Charlson J, Kovacs K, Rossi P, Kothari A, Clarke C, Istl AC, Poster Groin pains: Approaches and outcomes for inguinofemoral sarcomas, CTOS Annual Meeting, Dublin, Ireland, 2023
- Bedi M, Istl AC, Clarke C, Neilson JC, Wooldridge A, King D, Charlson J, Rui H, Sun Y, The impact of hypofractionated pre-operative radiation therapy on tumor-infiltrating lymphocytes in extremity soft tissue sarcoma, CTOS Annual Meeting, Dublin, Ireland, 2023
- Geurts J, Engstrand E, Istl AC, Nimmer K, Kothari A, Bedi M, Charlson J, Neilson JC, Wooldridge A, King D, Clarke C, Poster Prevalence of actionable germline variants in sarcoma patients, CTOS Annual Meeting, Dublin, Ireland, 2023

#### **MEDICAL COLLEGE TEACHING ACTIVITIES:**

##### **Medical Student Education**

Pathology Lecturer on Clinical Correlation of Bone and Soft Tissue Tumors for M2 Students

#### **MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

##### **Undergraduate Students**

Adam Brostowicz, MCW, 05/15/2012 - 09/01/2012 Summer research

##### **Medical Students**

Chris Killian, MCW, 05/15/2008 - 09/01/2008 Summer research

Andy Kirkpatrick, MCW, 05/15/2009 - 09/01/2009 Summer research

Rich Beutler, MCW, 05/15/2009 - 09/01/2009 Summer research

Brad Kook, MCW, 05/15/2010 - 09/01/2010 Summer research

Mina Mirhoseini, MCW, 05/15/2013 - 09/01/2013 Summer Research

Nicholas Munaretto, MCW, 05/15/2014 - 09/01/2014 Summer research

#### **PROGRAMMATIC DEVELOPMENTS:**

##### **Clinical Programs**

2002 - Present Sarcoma Program Development

2014 - Present Skeletal Malignancy Program Development

#### **BIBLIOGRAPHY**

##### **Refereed Journal Publications/Original Papers**

1. Lupinetti FM, Christy JP, **King DM** et al: Immunogenicity, Antigenicity and Endothelial Viability of Aortic Valves Preserved at 4 Degrees C in a Nutrient Medium. Journal of Cardiac Surgery. 1991;6(4):454-461.
2. **King DM** & Toolan BC. Associated deformities and hypermobility in hallux valgus: An investigation with weightbearing radiographs. Foot & Ankle International. 2004;25(4):251-255.
3. Galbraith SS, **King DM**, Drolet BA & Esterly NB. Large plantar mass in a newborn. Pediatric Dermatology.

- 2006;23(1):84-86.
4. Ahmed MS, Kroft ST, Davis, NB, King, DM & Cheng, YC: Long-term remission with imatinib mesylate in Philadelphia chromosome-positive AML presenting as primary extramedullary myeloid sarcoma. *Leukemia Research*. 2008;32(9):1476-1479.
5. **King DM**, Hackbarth DA, Kilian CM & Guillermo FC: Soft-tissue sarcoma metastases identified on abdomen and pelvis CT imaging *Clin Orthop Relat Res*. 2009;467:2838-2844.
6. Whitfield RM, King, D, Rossi P. & Loffredo M. Pedicle anterolateral thigh flap reconstruction after pelvic tumor resection: A case report. *Plast Surg Int*. 2010;2010:684806. doi: 10.1155/2010/684806. Epub 2010 Nov 11.
7. Walters MP, Baynes K, Guillermo FC, **King DM**, Wang D, Charlson J & Zambrano E. Adamantinoma with plasmacytoid features: expanding the spectrum of a diagnostically challenging entity. *Ann Diag Path*. 2011;15(5):347-354.
8. Bradley J, Kleinman SH, Rownd J, **King D**, Hackbarth D, Whitfield R, & Want D. Adjuvant high dose rate brachytherapy for soft tissue sarcomas: Initial experience report. *J Contemp Brachyther*. 2011;3(1):3-10.
9. Whitfield, RM, Rinard J & **King D**. Coverage of megaprosthesis with human acellular dermal matrix after Ewing's sarcoma resection: a case report. *Sarcoma*. 2011;2011:978617. doi:10.1155/2011/978617.
10. Tutton S, Olson E, **King D** & Shaker JL. Successful treatment of tumor-induced osteomalacia with CT-guided percutaneous ethanol and cryoblation. *J Clin Endocrinol Metab*. 2012;97(10):3421-3425.
11. **King DM**, Hackbarth DA & Kirkpatrick A. Extremity soft tissue sarcoma resections: how wide do you need to be? *Clin Orthop Relat Res*. 2012;470(3):692-699.
12. Mannem RR, Mautz AP, Baynes KE, Zambrano EV & **King DM**. AIRP best cases in radiologic-pathologic correlation. *RadioGraphics*. 2012;32:1523-152.
13. Bedi M, Kharofa J, Chang J, Zambrano EV, Baynes K, Mautz AP, DuBois M, **King DM** & Wang D. Increase in tumor size on MRI is associated with greater pathologic necrosis and poor survival in patients with soft-tissue sarcoma of extremity and body wall treated with neoadjuvant radiation therapy. *International J of Radiation Oncology Biology Physics*. 2012;84(3):S167,supplement.
14. Bedi M, **King DM**, Shivakoti M, Wang T, Zambrano EV, Charlson J, Hackbarth D, Neilson J, Whitfield R & Wang D. Prognostic variables in patients with primary soft tissue sarcoma of the extremity and trunk treated with neoadjuvant radiotherapy or neoadjuvant sequential chemoradiotherapy. *Radiation Oncology*. 2013;8:6.
15. Bedi M, **King DM**, Prah M, Baynes K, Mautz AP, Hackbarth DAJ, Neilson JC, Charlson JA, Wang D, Paulson E. Evaluation of neoadjuvant therapy response in adult soft tissue sarcoma using dynamic contrast-enhanced MRI. *Int J Radiat Oncol Biol Phys*. 2013;87(25):S3082.
16. Larson D, Machol J & **King D**. Vastus lateralis flap reconstruction after Girdlestone arthroplasty: thirteen consecutive cases and outcomes. *Ann of Plast Surg*. 2013;71(4):398-401. doi:10.197/SAP.obo13e31824e29de.
17. Drolet BA, Trenor CC 3rd, Brandao LR, Chiu YE, Chun RH, Dasgupta R, Garzon MC, Hammill AM, Johnson CM, Tloughan B, Blei F, David M, Elluru R, Frieden IJ, Friedlander SF, Iacobas I, Jensen JN, **King DM**, Lee MT, Nelson S, Patel M, Pope E, Powell J, Seefeldt M, Siegel DH, Kelly M & Adams DM. Consensus-derived practice standards plan for complicated kaposiform hemangioendothelioma. *J Pediatr*. 2013;163(1):285-91.
18. Bedi M, Kharofa J, Zambrano EV, Chang J, Baynes K, et al. Tumor Increase on MRI after neoadjuvant treatment is associated with greater pathologic necrosis and poor survival in patients with soft tissue sarcoma. *J Integr Oncol*. 2013;2:109. doi: 10.4172/2329-6771.1000109.
19. Bedi M, **King DM**, Charlson J, Whitfield R, Hackbarth D & Zambrano EV. Multimodality management of metastatic patients with soft tissue sarcomas may prolong survival. *Am J of Clinical Oncology*. 2014;37(3):272-277. doi: 10.1097/COC.0b013e318277d7e5.
20. Bedi M, **King DM**, Whitfield R, Hackbarth DA, Neilson JC, Charlson JA & Wang D. The effect of smoking and major vein resection on post-therapy lymphedema in soft tissue sarcomas treated with neoadjuvant radiation and limb-salvage surgery. *Am J of Clinical Oncology*. 2015;38(2):184-188. doi:10.1097/COC.0b013e31828aad9.
21. **King DM**. Nonoperative management of multiple hand enchondromas in Ollier's disease with progressive ossification: A case report. *Am J Orthop*. 2015;in press.
22. Saeed H, **King DM**, Johnstone CA, Charlson JA, Hackbarth DA, Neilson JC, & Bedi M. Preoperative radiation therapy followed by reexcision may improve local control and progression-free survival in unplanned excisions of soft tissue sarcomas of the extremity and chest wall. *Int J Surg Onc*. 2016,

2016; 5963167.

23. Bedi M, **King DM**, Hackbarth DA, Charlson JA, Baynes K, Neilson JC. Biopsies in the Community Lead to Postoperative Complications in Soft Tissue Sarcomas. *Orthopedics*. 2015 Sep;38(9):e753-9.
24. Ziegele M, **King DM**, Bedi M. Tumor volume is a better predictor of post-operative wound complications compared to tumor size in soft tissue sarcomas of the proximal lower extremity. *Clin Sarcoma Res*. 2016;6:1. PMID: PMC4763425
25. Hartung MP, Tutton SM, Hohenwarter EJ, **King DM**, Neilson JC. Safety and Efficacy of Minimally Invasive Acetabular Stabilization for Periacetabular Metastatic Disease with Thermal Ablation and Augmented Screw Fixation. *J Vasc Interv Radiol*. 2016 May;27(5):682-688.e1.
26. **King DM**. CORR Insights<sup>@</sup>: Supplemental Bone Grafting in Giant Cell Tumor of the Extremity Reduces Nononcologic Complications. *Clin Orthop Relat Res*. 2017 Mar;475(3):784-785. PMID: PMC5289177
27. Brockman RM, Humphrey SR, Moe DC, North PE, **King DM**, Jensen JN, Siegel DH, Drolet BA. Mimickers of Infantile Hemangiomas. *Pediatr Dermatol*. 2017 May;34(3):331-336.
28. Siegel DH, Cottrell CE, Streicher JL, Schilter KF, Basel DG, Baselga E, Burrows PE, Ciliberto HM, Vigh-Conrad KA, Eichenfield LF, Holland KE, Hogeling M, Jensen JN, Kelly ME, Kim W, **King DM**, McCuaig C, Mueller KA, Pope E, Powell J, Price H, Steiner JE, Frieden IJ, Tollefson MM, Drolet BA. Analyzing the Genetic Spectrum of Vascular Anomalies with Overgrowth via Cancer Genomics. *J Invest Dermatol*. 2018 Apr;138(4):957-967.
29. **King DM**, Bedi M, Hackbarth DA, Neilson JC. Multiple anticoagulant use increases wound complications following resection of lower extremity soft tissue sarcomas. *Arch Surg Oncol*. 2017; 3:4: doi:10.4172/2471-2671.1000128.
30. Gannon NP, **King DM**, Bedi M. Smoking is predictive of poorer distant metastasis-free and progression free-survival in soft tissue sarcoma patients treated with pre-operative radiotherapy or chemoradiotherapy. *Clin Sarcoma Res*. 2018;8:7. PMID: PMC5901866
31. Steiner JE, Cottrell CE, Streicher JL, Jensen JN, **King DM**, Burrows PE, Siegel DH, Tollefson MM, Drolet BA, Püttgen KB. Scarring in Patients With PIK3CA-Related Overgrowth Syndromes. *JAMA Dermatol*. 2018 Apr 01;154(4):452-455. PMID: PMC5876829
32. Bedi M, **King DM**, Mendez C, Slawski B, Charlson JA, Hackbarth DA, Neilson JC. Postoperative Day 1 Glucose May Be Associated With Wound Complications in Sarcomas Treated With Preoperative Radiation. *Clin Orthop Relat Res*. 2018 Mar;476(3):580-586. PMID: PMC6260049
33. Bedi M, **King DM**, DeVries J, Hackbarth DA, Neilson JC. Does Vacuum-assisted Closure Reduce the Risk of Wound Complications in Patients With Lower Extremity Sarcomas Treated With Preoperative Radiation? *Clin Orthop Relat Res*. 2019 Apr;477(4):768-774. PMID: PMC6437357
34. Gannon NP, Stemm MH, **King DM**, Bedi M. Pathologic necrosis following neoadjuvant radiotherapy or chemoradiotherapy is prognostic of poor survival in soft tissue sarcoma. *J Cancer Res Clin Oncol*. 2019 May;145(5):1321-1330.
35. Gannon NP, **King DM**, Ethun CG, Charlson J, Tran TB, Poultides G, Grignol V, Howard JH, Tseng J, Roggin KK, Votanopoulos K, Krasnick B, Fields RC, Cardona K, Bedi M. The role of radiation therapy and margin width in localized soft-tissue sarcoma: Analysis from the US Sarcoma Collaborative. *J Surg Oncol*. 2019 Sep;120(3):325-331.
36. Redifer Tremblay K, Lea WB, Neilson JC, **King DM**, Tutton SM. Percutaneous cryoablation for the treatment of extra-abdominal desmoid tumors. *J Surg Oncol*. 2019 Sep;120(3):366-375. PMID: PMC6790665
37. Lea WB, Neilson JC, **King DM**, Tutton SM. Minimally Invasive Stabilization Using Screws and Cement for Pelvic Metastases: Technical Considerations for the Pelvic "Screw and Glue" Technique. *Semin Intervent Radiol*. 2019 Aug;36(3):229-240. PMID: PMC6699961
38. Bedi M, Ethun CG, Charlson J, Tran TB, Poultides G, Grignol V, Howard JH, Tseng J, Roggin KK, Chouliaras K, Votanopoulos K, Cullinan D, Fields RC, Cardona K, **King DM**. Is a Nomogram Able to Predict Postoperative Wound Complications in Localized Soft-tissue Sarcomas of the Extremity? *Clin Orthop Relat Res*. 2020 Mar;478(3):550-559. PMID: PMC7145071
39. Shelby RD, Suarez-Kelly LP, Yu PY, Hughes TM, Ethun CG, Tran TB, Poultides G, **King DM**, Bedi M, Mogal H, Clarke C, Tseng J, Roggin KK, Chouliaras K, Votanopoulos K, Krasnick BA, Fields RC, Pollock RE, Howard JH, Cardona K, Grignol V. Neoadjuvant radiation improves margin-negative resection rates in extremity sarcoma but not survival. *J Surg Oncol*. 2020 Jun;121(8):1249-1258.
40. Graf A, Yang K, **King D**, Dzwierzynski W, Sanger J, Hettinger P. Lipomas of the Brachial Plexus: A Case Series and Review of the Literature. *Hand (N Y)*. 2019 May;14(3):333-338. PMID: PMC6535949

41. Bedi M, **King DM**, Zambrano E. Diagnosis and treatment of leiomyosarcomas Leiomyosarcoma: Risk Factors, Diagnosis and Treatment Options. July 01, 2014:111-127.
42. **King DM**. Soft-tissue sarcoma: Effect of resection margins on local recurrence and outcome Current Orthopaedic Practice. July 2011;22(4):315-321.
43. Bradley JA, Kleinman SH, Rownd J, **King D**, Hackbarth D, Whitfield R, Wang D. Adjuvant high dose rate brachytherapy for soft tissue sarcomas: initial experience report. J Contemp Brachytherapy. 2011 Mar;3(1):3-10. PMCID: PMC5108830
44. Strong EA, Park SH, Ethun CG, Chow B, **King D**, Bedi M, Charlson J, Mogal H, Tsai S, Christians K, Tran TB, Poultides G, Grignol V, Howard JH, Tseng J, Roggin KK, Chouliaras K, Votanopoulos K, Cullinan D, Fields RC, Gamblin TC, Cardona K, Clarke CN. High neutrophil-lymphocyte ratio is not independently associated with worse survival or recurrence in patients with extremity soft tissue sarcoma. Surgery. 2020 Oct;168(4):760-767.
45. Lea WB, Tutton SM, Alsaikhan N, Neilson JC, Schafer S, **King DM**, Wang M. Pelvis weight-bearing ability after minimally invasive stabilizations for periacetabular lesion. J Orthop Res. 2021 Oct;39(10):2124-2129.
46. Neilson JC, Wooldridge AN, Key B, Lea WB, Tutton SM, **King DM**. Minimally Invasive Stabilization of Periacetabular Metastasis. Instr Course Lect. 2021;70:475-492.
47. English DI, Lea WB, **King DM**, Tutton SM, Neilson JC. Minimally Invasive Stabilization with or without Ablation for Metastatic Periacetabular Tumors. J Bone Joint Surg Am. 2021 Jul 07;103(13):1184-1192.
48. Fritz JM, Canseco K, Konop KA, Kruger KM, Tarima S, Long JT, Law BC, Kraus JC, **King DM**, Harris GF. Multi-segment foot kinematics during gait following ankle arthroplasty. J Orthop Res. 2022 Mar;40(3):685-694.
49. Berger GK, Neilson JC, **King DM**, Wooldridge AN. Impact of clinical research coordinators on research output in orthopedic surgery. J Comp Eff Res. 2021 Oct;10(15):1153-1158.
50. Ellison C, **King DM**, Neilson JC, Wooldridge A, Charlson JA, Hackbarth DA, Johnstone C, Bedi M. Preoperative Radiation Performed at a Nonsarcoma Center May Lead to Increased Wound Complications Following Resection in Patients With Soft Tissue Sarcomas. Am J Clin Oncol. 2021 Dec 01;44(12):619-623.
51. Olson CR, Suarez-Kelly LP, Ethun CG, Shelby RD, Yu PY, Hughes TM, Palettas M, Tran TB, Poultides G, Tseng J, Roggin KK, Chouliaras K, Votanopoulos K, Krasnick BA, Fields RC, **King DM**, Bedi M, Pollock RE, Grignol VP, Cardona K, Howard JH. Resection Status Does Not Impact Recurrence in Well-Differentiated Liposarcoma of the Extremity. Am Surg. 2021 Nov;87(11):1752-1759.
52. deVries JA, Abbas A, **King DM**, Hackbarth D, LoGiudice J, Bedi M, Neilson JC. Staged reconstruction of soft tissue sarcoma resections using temporizing negative pressure wound therapy is safe and efficacious European Journal of Plastic Surgery. 2022.
53. Voruganti N, Daghfal M, Rossi P, Olowofela A, Wooldridge A, Neilson J, **King D**, Hackbarth D, Mansukhani N. Single-center experience with vascular reconstruction for soft tissue sarcoma resection. J Vasc Surg. 2021 Sep;74(3):e289-290.
54. Bedi M, Singh R, Charlson JA, Kelly T, Johnstone C, Wooldridge A, Hackbarth DA, Moore N, Neilson JC, **King DM**. Is 5 the New 25? Long-Term Oncologic Outcomes From a Phase II, Prospective, 5-Fraction Preoperative Radiation Therapy Trial in Patients With Localized Soft Tissue Sarcoma Advances in Radiation Oncology. 1 May 2022;7(3).
55. Wooldridge AN, Key B, Neilson JC, Tutton SM, **King DM**. Local Control of Cancers With Various Ablation Techniques. Instr Course Lect. 2022;71:203-212.
56. Kerschner A, **King D**, Vetter C. Clinical outcomes of diffuse PVNS of the knee following arthroscopic complete synovectomy±posterior open resection Journal of Orthopaedics. 1 November 2021;28:34-40.
57. Gusho CA, **King D**, Ethun CG, Cardona K, Harrison Howard J, Tran TB, Poultides G, Tseng J, Roggin KK, Fields RC, Cullinan DR, Chouliaras K, Votanopoulos K, Grignol VP, Bedi M. Extraskelatal myxoid chondrosarcoma: Clinicopathological features and outcomes from the United States sarcoma collaborative database. J Surg Oncol. 2022 Dec;126(8):1533-1542.
58. Bedi M, Singh R, Charlson JA, Kelly T, Johnstone C, Wooldridge A, Hackbarth DA, Moore N, Neilson JC, **King DM**. Is 5 the New 25? Long-Term Oncologic Outcomes From a Phase II, Prospective, 5-Fraction Preoperative Radiation Therapy Trial in Patients With Localized Soft Tissue Sarcoma. Adv Radiat Oncol. 2022;7(3):100850. PMCID: PMC9133395
59. Guo M, Thomas B, Goyal S, Rivedal D, Mehdi M, Schmeling GJ, Neilson JC, Martin J, Harkin EA,



- Wooldridge A, **King DM**, Hackbarth DA Jr, Doren EL, Hettinger P, LoGiudice JA. Outcome comparison between muscle and fasciocutaneous flaps after secondary orthopedic procedures. *J Plast Reconstr Aesthet Surg*. 2023 Feb;77:111-116.
60. Thalji SZ, Ethun CG, Tsai S, Gamblin TC, Clarke CN, Bedi M, **King D**, LoGiudice J, Poultides G, Grignol VP, Tseng J, Votanopoulos K, Fields RC, Cardona K, Mogal H. Outcomes of plastic surgical reconstruction in extremity and truncal soft tissue sarcoma: Results from the US Sarcoma Collaborative. *J Surg Oncol*. 2023 Mar;127(4):550-559.
  61. Gutkin PM, Gore E, Charlson J, Neilson JC, Johnstone C, **King DM**, Hackbarth DA, Wooldridge A, Mannem R, Bedi M. Stereotactic body radiotherapy for metastatic sarcoma to the lung: adding to the arsenal of local therapy. *Radiat Oncol*. (2023) 18:42.
  62. Thalji SZ, Ethun CG, Tsai S, Gamblin TC, Clarke CN, Bedi M, **King D**, LoGiudice J, Poultides G, Grignol VP, Tseng J, Votanopoulos K, Fields RC, Cardona K, Mogal H. Outcomes of plastic surgical reconstruction in extremity and truncal soft tissue sarcoma: results from the US Sarcoma Collaborative. *J Surg Oncol*. 2023 127:550-559.
  63. Spierenburg G, Verspoor FGM, Wunder JS, Griffin AM, Ferguson PC, Houdek MT, **King DM**, Boyle R, Randall RL, Thorpe SW, Priester JJ, Geiger EJ, van der Heijden L, Bernthal NM, Schreuder BHWB, Gelderblom H, van de Sande MAJ. One-stage synovectomies result in improved short-term outcomes compared to two-stage synovectomies of diffuse-type tenosynovial giant cell tumor (D-TGCT) of the knee: a multicenter, retrospective, cohort study. *Cancers*. 2023 15:941.
  64. Gutkin PM, Gore E, Charlson J, Neilson JC, Johnstone C, **King DM**, Hackbarth DA, Wooldridge A, Mannem R, Bedi M. Stereotactic body radiotherapy for metastatic sarcoma to the lung: adding to the arsenal of local therapy. *Radiat Oncol*. 2023 Mar 01;18(1):42. PMID: PMC9976442
  65. Spierenburg G, Verspoor FGM, Wunder JS, Griffin AM, Ferguson PC, Houdek MT, **King DM**, Boyle R, Randall RL, Thorpe SW, Priester JJ, Geiger EJ, van der Heijden L, Bernthal NM, Schreuder BHWB, Gelderblom H, van de Sande MAJ. One-Stage Synovectomies Result in Improved Short-Term Outcomes Compared to Two-Stage Synovectomies of Diffuse-Type Tenosynovial Giant Cell Tumor (D-TGCT) of the Knee: A Multicenter, Retrospective, Cohort Study. *Cancers (Basel)*. 2023 Feb 02;15(3). PMID: PMC9913566
  66. LaPrade CM, Andryk LM, Christensen JL, Neilson JC, Wooldridge AN, Hackbarth DA, Bedi M, **King DM**. Natural history of intraosseous low-grade chondroid lesions of the proximal humerus. *Front Oncol*. 2023;13:1200286. PMID: PMC10457155
  67. Gutkin PM, **King DM**, Charlson J, Wooldridge A, Hackbarth D, Kelly TR, Neilson J, Johnstone C, Bedi M. Pre-Operative Radiotherapy in STS: Does Downsizing Matter? *Int J Radiat Oncol Biol Phys*. 2023 Oct 01;117(2S):S148-S149.
  68. Rezazadeh A, Szabo A, Khurana A, Inwards DJ, Lunning MA, Bartlett NL, Caimi PF, Rodgers TD, Barr PM, Chowdhury SM, Epperla N, Mendries H, Hill BT, Oh TS, Karmali R, Chang JE, Goyal G, Parsons BM, Isaac KM, Portell CA, Monahan K, Siker M, **King DM**, Fenske TS. Outcomes of limited stage primary bone diffuse large B-cell lymphoma in the rituximab era: a multicenter, retrospective study. *Haematologica*. 2023 Oct 19.
  69. Andryk LM, Neilson JC, Wooldridge AN, Hackbarth DA, Bedi M, Baynes KE, LoGiudice JA, Slusarczyk SM, **King DM**. Outcomes and complications of postoperative seroma cavities following soft-tissue sarcoma resection. *Front Oncol*. 2024;14:1250069. PMID: PMC10864592

### **Books, Chapters, and Reviews**

1. **King DM**. Soft-tissue sarcoma: effect of resection margins on local recurrence and outcome. *Curr Orthop Pract*. 2011;22(4):315-321.
2. Bedi M, **King DM**, & Tutton S. Minimally invasive local treatments for bone and pulmonary metastases. *Minimally Invasive Surgery*. 2014;2014:719394. doi:10.1155/2014/719394. Epub 2014 Feb 11.
3. Bedi M, **King DM** & Zambrano E. Diagnosis and treatment of leiomyosarcomas. In Leach RA ed. *Leiomyosarcoma: Risk factors, diagnosis and treatment options*. New York: Nova Science Publishers Inc; 2014:111-127.
4. Bedi M, **King DM**, Saeed H, Tutton S, Charlson JA, Hackbarth DA & Neilson JC. Localized management of soft tissue sarcoma metastasis: A review of a multidisciplinary approach. *Cancer Research Frontiers*. 2015;Apr 1(2):162-171. doi:10.17980/2015.162.

### **Abstracts**

1. Bedi M, Zambrano E, **King D**, Hackbarth D, Charlson J, Whitfield R, Bergom C, Wang D. Difference in rates

- of necrosis in patients with primary soft tissue sarcoma of the extremity and trunk treated with neoadjuvant radiotherapy or chemoradiotherapy. *International Journal of Radiation Oncology • Biology • Physics*. 2011;81(2):S685.
2. Bedi M, Kharofa J, Chang J, Zambrano V, Baynes K, Mautz A, DuBois M, **King D**, Hackbarth D, Charlson J. Increase in tumor size on MRI is associated with greater pathologic necrosis and poor survival in patients with soft tissue sarcoma of extremity and body wall treated with neoadjuvant radiotherapy. *International Journal of Radiation Oncology • Biology • Physics*. 2012;84(3):S167.
  3. Bedi M, **King DM**, Prah M, Baynes K, Mautz AP, Hackbarth DAJ, Neilson JC, Charlson JA, Wang D, Paulson E. Evaluation of neoadjuvant therapy response in adult soft tissue sarcoma using dynamic contrast-enhanced MRI. *Int J Radiat Oncol Biol Phys*. 2013 Oct 1;87(25):S3082.
  4. H. Saeed, D. Wang, F.J. Wilson, J. Charlson, D. King, M. Bedi, Impact of 3D CRT versus IMRT on post operative wound complications. *International Journal of Radiation Oncology • Biology • Physics*. 2014;90(1):S764.