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| 1  | Allan DG, <b>Dyrstad B</b> , <b>Payne TJ</b> , Milbrandt JC. Clinical experience with selective patellar resurfacing with the NexGen Legacy Posterior Stabilized (LPS). AAOS. San Diego, CA. Feb 2007.                                                       |  |  |  |  |  |  |  |
| 2  | Allan DG, <b>Dyrstad BW</b> , Milbrandt JC. Effects of femoral head size on serum cobalt and chromium levels following hip resurfacing with the Cormet 2000. AAOS. San Diego, CA. Feb 2007.                                                                  |  |  |  |  |  |  |  |
| 3  | Richardson T, Pineda S, Milbrandt JC, <b>Streng KB</b> , Van Fleet T, Espinosa J, Freitag P. Serum titanium concentrations are elevated in patients treated with spinal instrumentation. MAOA. Boca Raton, FL. Apr 2007.                                     |  |  |  |  |  |  |  |
| 4  | Allan DG, <b>Parsley BK</b> , <b>Dyrstad BW</b> , Milbrandt JC. Serum cobalt and chromium concentrations in bilateral versus unilateral hip resurfacing with the Cormet 2000: Effects of femoral head size. MAOA. Boca Raton, FL. Apr 2007.                  |  |  |  |  |  |  |  |
| 5  | Allan DG, <b>Dyrstad BW</b> , <b>Payne TJ</b> , Milbrandt JC. Clinical experience with selective patellar resurfacing with the NexGen Legacy Posterior Stabilized (LPS). MAOA. Boca Raton, FL. Apr 2007.                                                     |  |  |  |  |  |  |  |
| 6  | Allan DG, <b>Dyrstad BW</b> , Eltrevoog H, Harris D, Milbrandt JC. Percentage of honors awarded in surgery clerkships. MAOA. Boca Raton, FL. Apr 2007.                                                                                                       |  |  |  |  |  |  |  |
| 7  | Clark D, <b>Froelich JM</b> , <b>Dyrstad BW</b> , Kogler G, Paliwal M, Idusui OB. Rotational stability of the IM rod fixation vs. blad plate and screw fixation in tibiototalcaneal arthrodesis: a biomechanical evaluation. MAOA. Boca Raton, FL. Apr 2007. |  |  |  |  |  |  |  |
| 8  | <b>Streng KB</b> , Richardson T, Pineda S, Van Fleet T, MacGregor M, Milbrandt JC, Espinosa J, Freitag P. Serum Titanium levels after instrumented spinal arthrodesis. OREF. May 2008.                                                                       |  |  |  |  |  |  |  |
| 9  | Allan DG, <b>Parsley BK</b> , <b>Dyrstad BW</b> , Milbrandt JC. Serium cobalt and chromium concentrations in bilateral versus unilateral hip resurfacing with the Cormet 2000: Effects of Gender and femoral head size. COA. Halifax. Jun 2007.              |  |  |  |  |  |  |  |
| 10 | Allan DG, <b>Parsley BK</b> , <b>Dyrstad BW</b> , Milbrandt JC. Serium cobalt and chromium concentrations in bilateral versus unilateral hip resurfacing with the Cormet 2000: Effects of Gender and femoral head size. AOA. Asheville, NC. Jun 2007.        |  |  |  |  |  |  |  |
| 11 | Allan DG, <b>Rainville A</b> , <b>Sams JD</b> , Bullard J, Milbrandt JC. Acumatch modular femoral stem in primary and revision hip arthroplasty in patients over the age of 75. COA. Halifax. Jun 2007.                                                      |  |  |  |  |  |  |  |
| 12 | Allan DG, <b>Dyrstad BW</b> , Eltrevoog H, Harris D, Milbrandt JC. Are honors received during surgery clerkships useful in the selection of incoming residents? AOA. Asheville, NC. Jun 2007.                                                                |  |  |  |  |  |  |  |

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| 13 | Richardson T, Pineda S, <b>Streng</b> KB, MacGregor M, Van Fleet T, Milbrandt JC, Freitag P. Serum titanium levels after instrumented spinal arthrodesis. North American Spine Society Annual Meeting. Oct 2007.                   |  |
| 14 | Allan DG, <b>Parsley BK</b> , <b>Dyrstad BW</b> , Milbrandt JC. Serum cobalt and chromium concentrations in bilateral versus unilateral hip resurfacing. MAOA Apr 2008.                                                            |  |
| 15 | Allan DG, <b>Rainville AD</b> , <b>Sams JD</b> , Bullard J, Milbrandt JC, <b>Froelich JM</b> . Emergent versus elective revision total hip arthroplasty. MAOA. Apr 2008.                                                           |  |
| 16 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical outcome following metal-on-metal hip resurfacing arthroplasty: A single center experience. MAOA. Apr 2008.                                                        |  |
| 17 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical and radiographic evaluation of midterm failure rates following metal-on-metal hip resurfacing. MAOA. 2008.                                                        |  |
| 18 | Richardson T, Pineda S, Milbrandt JC, <b>Streng</b> KB, Van Fleet T, Espinosa J, Freitag P. Serum titanium concentrations are elevated in patients treated with spinal instrumentation. AOA-COA Combined Annual Meeting. Jun 2008. |  |
| 19 | Allan DG, <b>Parsley BK</b> , <b>Dyrstad BW</b> , Milbrandt JC. Serum cobalt and chromium concentrations in bilateral versus unilateral hip resurfacing. AOA-COA Combined Annual Meeting. Jun 2008.                                |  |
| 20 | <b>Froelich JM</b> , Milbrandt JC, Allan DG. Impact of the 80 hour work week on surgical exposure and national in-training exam scores in an orthopaedic residency program. AOA. Bonita Springs, Fl. Jun 2008.                     |  |
| 21 | <b>Dyrstad BW</b> , Pope DJ, Milbrandt JC, Allan DG. Cobalt chromium levels in patients with Cormet 2000: increasing metal ions with decreasing femoral head size. AOA-COA Combined meeting. 2008.                                 |  |
| 22 | Gabriel KR, <b>Parsley BK</b> , Harris D. Osteochondritis Dissecans of the lateral femoral condyle: variations in morphology, location, and associated findings. AAP, Section on Orthopaedics Annual Meeting. Oct 2008.            |  |
| 23 | Allan DG, <b>Kern B</b> , Paliwal M, Milbrandt J. Evaluation of the effect of cement viscosity on cement mantle in total knee arthroplasty. MAOA. Apr 2009.                                                                        |  |
| 24 | <b>Parsley BK</b> , Allan DG, Dale K, Wilson MM, <b>Dyrstad BW</b> , Milbrandt JC. Direct anterior approach for total hip arthroplasty: A single surgeon's early experience. MAOA. Apr 2009.                                       |  |
| 25 | <b>Froelich JM</b> , Milbrandt JC, Allan DG. Impact of the 80 hour work week on surgical exposure and national in-training exam scores in an orthopaedic residency program. MAOA. Apr 2009.                                        |  |
| 26 | <b>Mai MC</b> , Milbrandt JC, Hulsén J, Allan DG. Acetabular cup malalignment after total hip resurfacing arthroplasty: a case for elective revision? MAOA. Apr 2009.                                                              |  |

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| 27 | <b>Dyrstad BW</b> , Milbrandt JC, Allan DG. Effects of age and gender on serum titanium levels following hip arthroplasty using highly modular vs nonmodular prostheses. MAOA. Apr 2009.                                                                                        |          |
| 28 | Gabriel KR, <b>Parsley BK</b> , Harris D. Osteochondritis Dissecans of the lateral femoral condyle: variations in morphology, location, and associated findings. MAOA. Apr 2009.                                                                                                |          |
| 29 | <b>Kern B</b> , Paliwal M, Milbrandt JC, Allan DG. Evaluation of the effect of cement viscosity on cement mantle in total knee arthroplasty. MAOA. Apr 2009.                                                                                                                    |          |
| 30 | <b>Froelich JM</b> , Milbrandt JC, Allan DG, Novicoff WM, Saleh KJ. Evaluation of a simulator-based model for placement of a dynamic hip screw. Department of Surgery Resident Research Day. 2009                                                                               | Podium   |
| 31 | <b>Parsley BK</b> , Allan DG, Dale K, Wilson MM, <b>Dyrstad BW</b> , Milbrandt JC. Direct anterior approach for total hip arthroplasty: A single surgeon's early experience. COA. Whistler, BC. Jul 2009.                                                                       |          |
| 32 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical outcome following metal-on-metal hip resurfacing arthroplasty: A single center experience. COA. Whistler, BC. Jul 2009.                                                                                        |          |
| 33 | <b>Froelich JM</b> , Milbrandt JC, Allan DG. Impact of the 80 hour work week on surgical exposure and national in-training exam scores in an orthopaedic residency program. COA. Whistler, BC. Jul 2009.                                                                        | Poster   |
| 34 | <b>Parsley BK</b> , Allan DG, Dale K, Wilson MM, <b>Dyrstad B</b> , Milbrandt JC. Direct anterior approach for total hip arthroplasty: A single surgeon's early experience. COA. 2009.                                                                                          |          |
| 35 | Stulberg BN, Zadzilka JD, Milbrandt JC, Helmy HF, Jacobs MA, Kennedy WR, Allan DG. Whole blood multicenter study covalt and chromium levels in patients with a metal-on-metal resurfacing hip prosthesis. The Hip Society Summer Scientific Meeting. Palo Alto, CA. Sep 2009.   |          |
| 36 | Frazier T, Novicoff WM, Mihalko WM, Saleh KJ. Impact of comorbidities on functional status for primary knee arthroplasty patients. SOMOS. 2009.                                                                                                                                 |          |
| 37 | Stulberg BN, Zadzilka JD, Milbrandt JC, Helmy HF, Jacobs MA, Kennedy WR, Allan DG. Whole blood multicenter study covalt and chromium levels in patients with a metal-on-metal resurfacing hip prosthesis. AAOS 2010.                                                            | Poster   |
| 38 | Novicoff WM, Bjorgul K, Kuskowski M, Mihalko WM, Saleh KJ. Differences in recovery after primary total knee arthroplasty based on preoperative alignment. AAOS Annual Meeting. New Orleans, LA. Mar 2010.                                                                       | Poster   |
| 39 | Bjorgul K, Novicoff WM, Saleh KJ. Learning curves in hip fracture surgery. AAOS Annual Meeting. New Orleans, LA. Mar 2010.                                                                                                                                                      |          |
| 40 | Novicoff WM, Mihalko WM, Conaway MR, Saleh KJ. Recovery and functional return rates for pimary total knee arthroplasty versus revision total knee arthroplasty patients - a comparison based on two prospective cohort studies. AAOS Annual Meeting. New Orleans, LA. Mar 2010. | Poster   |
| 41 | Novicoff WM, Mihalko WM, Saleh KJ. Primary total knee arthroplasty: state of the science and comparison of navigated vs. manual techniques. AAOS Annual Meeting. New Orleans, LA. Mar 2010.                                                                                     | Platform |

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| 42 | Bjorgul K, Novicoff WM, Saleh KJ. American Society of Anesthesiologist physical status score may be used as a comorbidity index in hip fracture surgery. AAOS Annual Meeting. New Orleans, LA. Mar 2010.                     | Poster   |
| 43 | <b>Pemberton A, Froelich JM, Dahl BP</b> , Edie Wd, Saleh KJ. Pain management after total joint arthroplasty: a multi-modal approach. ORS 56th Annual Meeting. New Orleans, LA. Mar 2010.                                    | Platform |
| 44 | <b>Froelich JM</b> , Milbrandt JC, Allan DG, Novicoff WM, Saleh KJ. Evaluation of a simulator-based model for placement of a dynamic hip screw. Orthopaedic Research Society 56th Annual Meeting. New Orleans, LA. Mar 2010. | Poster   |
| 45 | Rylander LS, Milbrandt JC, Wallace A, Allan DG. Revisions following metal-on-metal hip resurfacing arthroplasty. MAOA 2010 Annual Meeting. Austin, Tx. Apr 2010.                                                             | Poster   |
| 46 | <b>Rylander LS</b> , Wilson M, Milbrandt JC, Olysav DJ. Trace metal analysis following volar plating for unstable fractures of the distal radius. MAOA 2010 Annual Meeting. Austin, Tx. Apr 2010                             | Platform |
| 47 | <b>Froelich JM</b> , Milbrandt JC, Allan DG, Novicoff WM, Saleh KJ. Evaluation of a simulator-based model for placement of a dynamic hip screw. MAOA 2010 Annual Meeting. Austin, Tx. Apr 2010.                              | Platform |
| 48 | <b>Mai MC</b> , Freitag P. Sagittal alignment following multilevel axial lumbar interbody fusion. MAOA 2010 Annual Meeting. Austin, Tx. Apr 2010.                                                                            | Platform |
| 49 | <b>Dyrstad BW</b> , Idusuyi OB, Milbrandt JC. Are there predictors of an orthopaedic resident's performance on oral and written specialty certification examinations? MAOA 2010 Annual Meeting. Austin, Tx. Apr 2010.        |          |
| 50 | <b>Keene RR, Froelich JM</b> , Milbrandt JC, Idusuyi OB. Bilateral gluteal compartment syndrome following robotic-assisted prostatectomy: a case report. SIU Resident Research Day 2010.                                     |          |
| 51 | <b>Dabbs RL, Rylander LS</b> , Milbrandt JC, Gabriel KR. Survey of resident involvement and attitudes following restructuring of an orthopaedic residency research program. SIU Resident Research Day 2010.                  |          |
| 52 | <b>Mai MC</b> , Kukkar N, Froelich JM, Milbrandt JC, Freitag P. Sagittal alignment following multilevel axial lumbar interbody fusion. SIU Resident Research Day 2010.                                                       |          |
| 53 | <b>Mai MC</b> , Kukkar N, Milbrandt JC, Freitag P. Chronic axial skeletal pain: evaluation of a single institution's referral patterns. SIU Resident Research Day 2010.                                                      | Platform |
| 54 | <b>Dyrstad BW</b> , Milbrandt JC, Singh KA. Lateral compartment syndrome in an obtunded patient. SIU Resident Research Day 2010.                                                                                             |          |

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| 55 | <b>Froelich JM</b> , Milbrandt JC, Novicoff WM, McLafferty RB, Williams RG, Dunnington GL, Saleh KJ. Influence of patient clinic experiences on recommending their provider to family or friends. SIU Resident Research Day 2010.                                  |                         |
| 56 | Novicoff WM, Saleh KJ. Defining gender disparities in joint replacements. AAOS/Orthopaedic Research Society/Academy of Bone and Joint Surgeons Musculoskeletal Healthcare Disparities Research Symposium. Alexandria, VA. May 2010.                                |                         |
| 57 | Novicoff WM, Saleh KJ. Engaging physicians in quality and performance improvement. 9th Annual Lean, Six Sigma, and Business Improvement in Healthcare Summit. New Orleans, LA. May 2010.                                                                           | Platform                |
| 58 | Jones-Quaidoo SM, Novicoff WM, Park A, Arlet V. The "shadow sign:" a radiographic differentiation of stainless steel vs. titanium spinal instrumentation in spine surgery. 63rd Annual meeting of the virginia orthopaedic society. Charlottesville, VA. May 2010. | Platform                |
| 59 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical and radiographic evaluation of midterm failure rates following metal-on-metal hip resurfacing. SIU Resident Research Day 2010.                                                                    |                         |
| 60 | Novicoff WM, Mihalko WM, <b>Froelich JM</b> , Saleh KJ. Impact of baseline mental health status of outcomes for primary knee replacement patients. COA Annual Meeting. Edmonton, Alberta, Canada. Jun 2010.                                                        | Special Emphasis Poster |
| 61 | Saleh KJ, Novicoff WM, Brown TE, Ciu Q, Abel MF. Beyond compliance: The PAIN (Pain Assessment If Necessary) project. AOA Annual Meeting. San Diego, CA. Jun 2010.                                                                                                  | Special Emphasis Poster |
| 62 | Saleh KJ, Novicoff WM, Abel MF, Chhabra AB. Essential skills: teaching residents about quality and performance improvement. AOA Annual Meeting. San Diego, CA. Jun 2010.                                                                                           | Special Emphasis Poster |
| 63 | Novicoff WM, Bjorgul K, Kuskowski M, Mihalko WM, Saleh KJ. Differences in recovery after primary total knee arthroplasty based on preoperative alignment. AOA Annual Meeting. San Diego, CA. Jun 2010.                                                             | Poster                  |
| 64 | Novicoff WM, Bjorgul K, Saleh KJ. Differences in recovery after primary total knee arthroplasty based on preoperative alignment. COA Annual Meeting. Edmonton, Alberta, Canada. Jun 2010.                                                                          | Special Emphasis Poster |
| 65 | Novicoff WM, Abel MF, Mihalko WM, Ciu Q, Brown TE, Saleh KJ. Standardized pain protocols for total knee arthroplasty improves pain control and patient satisfaction. AOA Annual Meeting. San Diego, CA. Jun 2010.                                                  | Special Emphasis Poster |
| 66 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical and radiographic evaluation of midterm failure rates following metal-on-metal hip resurfacing. AOA Annual Meeting. San Diego, CA. Jun 2010.                                                       |                         |

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| 67 | Novicoff WM, <b>Froelich JM</b> , Cui Q, Brown TE, Allan DG, Saleh KJ. Pain Management after total joint arthroplasty: a multi-modal approach. COA Annual Meeting. Edmonton, Alberta, Canada. June 2010.                                                                                                         | Poster                  |
| 68 | <b>Froelich JM</b> , Milbrandt JC, Allan DG, Novicoff WM, Saleh KJ. Evaluation of a simulator-based model for placement of a dynamic hip screw. AOA Annual Meeting. San Digeo, CA. Jun 2010                                                                                                                      | Special Emphasis Poster |
| 69 | <b>Froelich JM</b> , Milbrandt JC, Allan DG. Surgical simulators and hip fractures: a role in residency training? COA Annual Meeting. Edmonton, Alberta, Canada. Jun 2010.                                                                                                                                       | Podium                  |
| 70 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical and radiographic evaluation of midterm failure rates following metal-on-metal hip resurfacing. COA Annual Meeting. Edomonton, Alberta, Canada. Jun 2010.                                                                                        | Podium                  |
| 71 | <b>Rylander LS</b> , Milbrandt JC, Wallace A, Allan DG. Clinical and radiographic evaluation of midterm failure rates following metal-on-metal hip resurfacing. COA Annual Meeting. Edomonton, Alberta, Canada. Jun 2010.                                                                                        | Poster                  |
| 72 | Novicoff WM, Swiontkowski M, Wright J, Bozic K, <b>Froelich JM</b> , Graham D, Shaha S, Saleh KJ. Symposium: Incorporating a culture for improving quality and patient safety through education and a paradigm shift. 12th Annual Meeting of the Combined Orthopaedic Associations. Glasgow, Scotland. Sep 2010. |                         |
| 73 | Kukkar N, Beck RT, <b>Mai MC</b> , <b>Sullivan DN</b> , Milbrandt JC, Freitag P. Alterations in disc height, foraminal height, and formainal width following one-andtwo-level axialif: a radiological analysis. Society for Minimally Invasive Spine Surgery. Miami, Fl. Nov 2010.                               | E-Poster                |
| 74 | Novicoff WM, Mihalko WM, Saleh KJ. Impact of baseline mental health status of outcomes for primary knee replacement patients. AAHKS. November 7-9, 2010.                                                                                                                                                         | Poster                  |
| 75 | <b>Mai MC</b> , Kukkar N, Froelich JM, Beck RT, Milbrand JC, Freitag P. Sagittal alignment following multilevel axial lumbar interbody fusion. Society for Minimally Invasive Spine Surgery. Miami, Fl. Nov 2010.                                                                                                | E-Poster                |
| 76 | <b>Mai MC</b> , Beck RT, Kukkar N, <b>Sullivan DN</b> , Freitag P. Radiological changes of decompression in axial lumbar interbody fusion. SOMOS. Vail, CO. Dec 2010                                                                                                                                             | Podium                  |
| 77 | <b>Mai MC</b> , Bulkley A, Milbrandt JC, Freitag. Chronic Axial Skeletal Pain: Evaluation of a Single Institution's Referral Patterns. SOMOS. Vail, CO. December 13-17, 2010.                                                                                                                                    | Podium                  |
| 78 | <b>Stulberg BN</b> , Zadzilka JD, Milbrandt JC, Helmy HF, Jacobs MA, Kennedy WR, Allan DG. Whole blood multicenter study cobalt and chromium levels in pateints with a metal-on-metal resurfacing hip prosthesis. AAOS. San Diego, CA. February 15-19, 2011.                                                     | Poster                  |

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| 79 | Novicoff WM, Olysav DJ, Freitag P, Gabriel KR, McAndrew MP, Idusuyi OB, Saleh KJ. Effective quality improvement in orthopaedic surgery: using lean six sigma to get results. AAOS 2011. San Diego, CA. Feb 15-19 2011.                          | Poster |
| 80 | Kukkar N, Banerjee D, Beck RT, Freitag P. MIS TLIF vs AxiaLIF: Comparison of radiographic outcomes and operative data. OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011.                                                     | Podium |
| 81 | <b>Sams J</b> , Francis ML, Scaife SL, Robinson BS, Novicoff WM, Saleh KJ. Redefining revision total hip arthroplasty based on hospital admission status. OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011                   | Podium |
| 82 | <b>Sullivan D</b> , Varboncouer E, Milbrandt J, Burdette S, O'Keefe D, DeLaCruz J, Duong M, Saleh KJ. Concious Sedation for Total Hip Arthroplasty Dislocation. OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011             | Podium |
| 83 | <b>Froelich JM</b> , Beck RT, Mitchelson A, Novicoff WM, Saleh KJ. Does Insurance Equal Access to Care?OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011                                                                      | Podium |
| 84 | <b>Sharif KR</b> , Robinson BS, Novicoff WM, Perkins J, Allan DG, Saleh KJ. Pain Management after Total Joint Arthroplasty: A Multi-Modal Approach. OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011                         | Podium |
| 85 | Patel P, Robinson BS, Novicoff WM, Dunnington GL, Brenner MJ, Saleh KJ. The Disruptive Orthopaedic Surgeon: Implications for Patient Safety and Malpractice Liability.OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011       | Podium |
| 86 | Banerjee D, Novicoff WM, Scaife SL, Saleh KJ. Rural vs. Urban Utilization of Total Joint Arthroplasty: The Effect of Payer Type Based on National Inpatient Sample Database.OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011 | Podium |
| 87 | <b>Mai MC, Blankenship JS</b> , Beck RT, El-Amin SF. The Relationship of the Coracoid to the Glenoid and Humerus: An MRI Study.OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011                                              | Podium |
| 88 | <b>Eilers M</b> , Banerjee D, Beck RT, Freitag P, Saleh KJ. Percutaneous Acetabuloplasty: A Cadaveric Study.OREF/ORS Resident Research Symposium. St. Louis, MO. March 18, 2011                                                                 | Podium |
| 89 | <b>Mai MC, Blankenship JS</b> , Beck RT, El-Amin SF. The Relationship of the Coracoid to the Glenoid and Humerus: An MRI Study.Dept of Surgery Resident Research Day. March 31, 2011                                                            | Podium |
| 90 | <b>Sams J</b> , Francis ML, Scaife SL, Robinson BS, Novicoff WM, Saleh KJ. Redefining revision total hip arthroplasty based on hospital admission status. Dept of Surgery Resident Research Day. March 31, 2011                                 | Podium |

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| 91  | Kukkar N, Banerjee D, Beck RT, Freitag P. MIS TLIF vs AxiaLIF: Comparison of radiographic outcomes and operative data. Dept of Surgery Resident Research Day. March 31, 2011                                                                                | Podium |
| 92  | <b>Sullivan D</b> , Varboncouer E, Milbrandt J, Burdette S, O'Keefe D, DeLaCruz J, Duong M, Saleh KJ. Concious Sedation for Total Hip Arthroplasty Dislocation. Dept of Surgery Resident Research Day. March 31, 2011                                       | Podium |
| 93  | <b>Keene RR, Lovell M</b> , Beck RT, Gabriel KR. Comparison of Time to Proximal Femoral Physeal Closure in Pinned SCFE Hips Vs. Contralateral Hips. Dept of Surgery Resident Research Day. March 31, 2011                                                   | Podium |
| 94  | <b>Pemberton A</b> , Beck RT, McAndrew M, Wohltmann C, Cetindag B. Using Ultrasound to Measure External Fixation Screw Penetration. Dept of Surgery Resident Research Day. March 31, 2011                                                                   | Poster |
| 95  | <b>Froelich JM</b> , Beck RT, Mitchelson A, Novicoff WM, Saleh KJ. Does Insurance Equal Access to Care?Dept of Surgery Resident Research Day. March 31, 2011                                                                                                | Poster |
| 96  | <b>Sharif KR</b> , Robinson BS, Novicoff WM, Perkins J, Allan DG, Saleh KJ. Pain Management after Total Joint Arthroplasty: A Multi-Modal Approach. Dept of Surgery Resident Research Day. March 31, 2011                                                   | Poster |
| 97  | <b>Eilers M</b> , Banerjee D, Beck RT, Freitag P, Saleh KJ. Percutaneous Acetabuloplasty: A Cadaveric Study. Dept of Surgery Resident Research Day. March 31, 2011                                                                                          | Poster |
| 98  | Kukkar N, Amin DV, Beck RT, Freitag P. Cervicomedullary Compression at the Craniovertebral Junction by Clivus Hyperplasia. Dept of Surgery Resident Research Day. March 31, 2011                                                                            | Poster |
| 99  | Patel P, Robinson BS, Novicoff WM, Dunnington GL, Brenner MJ, Saleh KJ. The Disruptive Orthopaedic Surgeon: Implications for Patient Safety and Malpractice Liability. Dept of Surgery Resident Research Day. March 31, 2011                                | Poster |
| 100 | <b>Mai MC</b> , Beck RT, Freitag P. Does placing pedicle screws prior to axial lumbar interbody fusion after the sagittal alignment? MAOA. Tucson, Az. Apr 2011.                                                                                            | Podium |
| 101 | <b>Mai MC</b> , Bulkley A, Milbrandt JC, Freitag P. Chronic axial skeletal pain: evaluation of a single institution's referral patterns. MAOA. Tucson, Az. Apr 2011.                                                                                        | Poster |
| 102 | <b>Mai MC</b> , Beck RT, Kukkar N, <b>Sullivan DN</b> , Freitag P. Indirect decompression of lumbar nerve roots with percutaneous pedicle screws. MAOA. Tucson, Az. Apr 2011.                                                                               | Podium |
| 103 | <b>Mai MC</b> , Beck RT, Kukkar N, Freitag P. Disc height following single level axial lumbar interbody fusion. MAOA. Tucson, Az. Apr 2011.                                                                                                                 | Podium |
| 104 | Kukkar N, Beck RT, <b>Mai MC</b> , <b>Sullivan DN</b> , Milbrandt JC, Freitag P. Alterations in disc height, foraminal height, and formainal width following one-andtwo-level axiallif: a radiological analysis. SAS11 2011. Las Vegas, NV. Apr 26-29 2011. | Poster |

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| 105 | Kukkar N, Banerjee D, Beck RT, Freitag P. MIS TLIF vs. AxiaLIF: Comparison of Radiographic Outcome and Operative Data. 21st Annual Trainee Research Symposium. SIU SOM. April 27, 2011.                                                 | Poster                  |
| 106 | Patel P, Robinson BS, Novicoff WM, Dunnington GL, Brenner MJ, Saleh KJ. The Disruptive Orthopaedic Surgeon: Implications for Patient Safety and Malpractice Liability. 21st Annual Trainee Research Symposium. SIU SOM. April 27, 2011. | Podium                  |
| 107 | <b>Eilers M</b> , Banerjee D, Beck RT, Freitag P, Saleh KJ. Percutaneous Acetabuloplasty: A Cadaveric Study. 21st Annual Trainee Research Symposium. SIU SOM. April 27, 2011.                                                           | Podium                  |
| 108 | <b>Sharif KR</b> , Robinson BS, Novicoff WM, Perkins J, Allan DG, Saleh KJ. Pain Management after Total Joint Arthroplasty: A Multi-Modal Approach. 21st Annual Trainee Research Symposium. SIU SOM. April 27, 2011.                    | Podium                  |
| 109 | <b>Sams J</b> , Francis ML, Scaife SL, Robinson BS, Novicoff WM, Saleh KJ. Redefining revision total hip arthroplasty based on hospital admission status. 21st Annual Trainee Research Symposium. SIU SOM. April 27, 2011.              | Podium                  |
| 110 | <b>Sullivan D</b> , Varboncouer E, Milbrandt J, Burdette S, O'Keefe D, DeLaCruz J, Duong M, Saleh KJ. Concious Sedation for Total Hip Arthroplasty Dislocation. 21st Annual Trainee Research Symposium. SIU SOM. April 27, 2011.        | Podium                  |
| 111 | Kukkar N, Banerjee D, Beck RT, Freitag P. MIS TLIF vs. AxiaLIF: Comparison of Radiographic Outcome and Operative Data. Lumbar Spine Research Society. Chicago, IL. May 4-5, 2011.                                                       | Poster                  |
| 112 | <b>Dyrstad, BW</b> , Pope DJ, Milbrandt JC, Beck RT, Weinhoeft AI, Idusuyi OB. Predictive measures of a resident's performance on written orthopaedic board scores. AOA 2011. Boston MA. Jun 22-25 2011.                                | Poster                  |
| 113 | <b>Mai MC</b> , Kukkar N, Milbrandt JC, Freitag P. Chronic axial skeletal pain: evaluation of a single institution's referral patterns. AOA 2011. Boston, MA. Jun 22-25 2011.                                                           | Special Emphasis Poster |
| 114 | <b>Froelich JM</b> , Milbrandt JC, Novicoff WM, McLafferty RB, Williams RG, Saleh KJ. Influence of patient clinic experiences on recommending their provider to family or friends. AOA 2011. Boston MA. Jun 22-25 2011.                 | Poster                  |
| 115 | <b>Keene RR</b> , Hillard-Sembell DC, Robinson BS, Novicoff WM, Saleh KJ. Occupational risks to the pregnant orthopaedic surgeon. AOA 2011. Boston, MA. Jun 22-25 2011.                                                                 | Scientific Poster       |
| 116 | Novicoff WM, Olysav DJ, Freitag P, Gabriel KR, McAndrew MP, Idusuyi OB, Saleh KJ. Effective quality improvement in orthopaedic surgery: using lean six sigma to get results. AOA 2011. Boston, MA. Jun 22-25 2011.                      | Poster                  |
| 117 | <b>Sams JD</b> , Scaife SL, Robinson BS, Novicoff WM, Francis ML, Saleh KJ. Emergent versus elective total hip arthroplasty revision: examining outcomes and costs. COA. Newfoundland, Canada. Jul 7-9 2011.                            | Poster                  |

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| 118 | <b>Mai MC</b> , Kukkar N, Milbrandt JC, Freitag P. Chronic axial skeletal pain: Evaluation of a single institution's referral patterns. COA Annual Meeting. St. John's, Newfoundland, Canada. Jul 2011.                                                  | Poster |
| 119 | <b>Froelich JM</b> , Milbrandt JC, Novicoff WM, McLafferty RB, Williams RG, Saleh KJ. Influence of patient clinic experiences on recommending their provider to family or friends. COA Annual Meeting. St. John's, Newfoundland, Canada. Jul 2011.       | Podium |
| 120 | <b>Dyrstad BW, Pope DJ</b> , Milbrandt JC, Beck RT, Weinhoelt AL, Idusuyi OB. Predictive measures of a resident's performance on written orthopaedic board scores. COA Annual Meeting. St. John's, Newfoundland, Canada. Jul 2011.                       | Podium |
| 121 | <b>Mai MC, Froelich JM</b> , Beck RT, Milbrandt JC, Freitag P. Sagittal alignment following single and multi-level axial lumbar interbody fusion. COA Annual Meeting. St. John's, Newfoundland, Canada. Jul 2011.                                        | Podium |
| 122 | <b>Mai MC</b> , Kukkar N, <b>Sullivan DN</b> , Milbrandt JC, Freitag P. Alterations in Disc Height, Foraminal Height and Foraminal Width Following One - and Two-Level AxialLIF: A Radiological Analysis. COA 2011. Newfoundland, Canada. Jul 7-9, 2011. | Podium |
| 123 | Keene RR, Lovell M, Beck RT, Gabriel KR. Comparison of Time to Proximal Femoral Physeal Closure in Pinned SCFE Hips Vs. Contralateral Hips. AAP 2011. October 14-18, 2011.                                                                               | Podium |
| 124 | Sharif KR, Robinson BS, Kugler N, Perkins J, Novicoff WM. Pain Management after Total Joint Arthroplasty: A Multi-Modal Approach. ACS. October 23-27, 2011.                                                                                              | Poster |
| 125 | Banerjee D, Scaife SL, Jones B, Novicoff WM, Saleh KJ. Total Joint Arthroplasty Utilization in Rural vs. Urban Population Using National Inpatient Sample Database. ACS. October 23-27, 2011.                                                            | Podium |
| 126 | Kukkar N, Banerjee D, Beck RT, Freitag P. MIS TLIF vs AxialLIF: Comparison of radiographic outcomes and operative data. NASS 26th Annual Meeting 2011. Chicago, IL. Nov 2-5, 2011. (submitted)                                                           |        |
| 127 | Kukkar N, Banerjee D, Freitag P. Short term results for Percutaneous Optimesh® Deployable Grafting System TLIF: a single center experience. NASS 26th Annual Meeting 2011. Chicago, IL. Nov 2-5, 2011. (submitted)                                       |        |

**Key of Conference Names**

**MAOA** = Mid-America Orthopaedic Association

**COA** = Canadian Orthopaedic Association

**OREF** = Orthopaedic Resident Education Fund

**AAP** = American Academy of Pediatrics

**AOA** = American Orthopaedic Association

**AAOS** = American Academy of Orthopaedic Surgeons

**ORS** = Orthopaedic Research Society

**SOMOS** = Society of Military Orthopaedic Surgeons

**AAHKS** = American Association of Hip and Knee Surgeons