Curriculum Vitae

Kirk Kindsfater, M.D.

Work Address:
Joint Replacement Center of Northern Colorado
4700 Lady Moon Dr., Ste. C3
Fort Collins, CO 80526
Phone: 1-970-810-0255

Employment

Joint Replacement Center of Northern Colorado – Adult Reconstruction – December 2024 to present.
Orthopaedic and Spine Center of the Rockies – Adult Reconstruction – August 1995 to December 2024.

Education

University of Colorado Health Sciences Center, Denver, Colorado
Degree: Doctor of Medicine – May 1989

Colorado State University, Ft. Collins, Colorado
Degree: Bachelor of Science, Mechanical Engineering – December 1983

Post Graduate Training

1994-1995
Adult Reconstructive Fellow
Brigham and Women's Hospital, Harvard School of Medicine
Boston, Massachusetts

1993-1994
Chief Resident, Department of Orthopaedics
University of Colorado Health Sciences Center
Denver, Colorado

1990-1993
Resident, Department of Orthopaedics
University of Colorado Health Sciences Center
Denver, Colorado

1989-1990
Intern, Department of Surgery
University of Colorado Health Sciences Center
Denver, Colorado

Awards and Honors

1993, 1991
Hamilton I. Barnard Award
Outstanding Research in Orthopaedics,
UCHSC Department of Orthopaedics

1992 **Winner Highlight Paper Award**
Orthopaedic Trauma Association Annual Meeting

1989 **Graduated with Honors, UCHSC – Class Rank 1st**
George Packard Award – Outstanding Record in surgery
UpJohn Achievement Award – Outstanding Academic Achievement

1988 **Elected to Alpha Omega Alpha, Medical Honor Society**
Lange Award – Outstanding Medical Student

1986 **Lange Award – Outstanding Medical Student**

1983 **Graduated Cum Laude – Colorado State University**
Elected to Phi Kappa Phi – National Honor Society

1982 **Elected to Tau Beta Pi – National Engineering Honor Society**
Elected to Pi Tau Sigma – National Mechanical Engineering Honor Society

Papers, Abstracts and Poster Presentations

1. Fawley, D., Croker, S., Diaz, R., Roettges, P., Rajaee, S., Spitzer, A., Mason, J.B., Alton, T., Barrett, W., Gorab, R., Kindsfater, K.: Two-year survivorship of a new acetabular shell used in primary total hip arthroplasty: a multi-center registry review. 27th EFORT Annual Congress, Malaga, Spain, May 4–6, 2026.
2. Fawley, D., Croker, S., Diaz, R., Mason, J.B., Alton, T., Barrett, W., Kindsfater, K.: Two-year survivorship of a new hip stem used in primary total hip arthroplasty: a multi-center registry review. 27th EFORT Annual Congress, Malaga, Spain, May 4–6, 2026.
3. Fawley, D., Croker, S., Alton, T., Irving, J., Dalury, D., Gorab, R., Kindsfater, K.: Survivorship and clinical outcomes for an all-polyethylene tibia used in primary total knee arthroplasty: a multi-center registry review. 27th EFORT Annual Congress, Malaga, Spain, May 4–6, 2026.
4. Kaur, S., Francher, K., Fawley, D., Croker, S., Mason, J.B., Barrett, W., Alton, T., Gorab, R., Kindsfater, K.: Influence of cemented or cementless femoral and tibial components when paired with a novel medial stabilized total knee arthroplasty system: a two-year retrospective registry review. 27th EFORT Annual Congress, Malaga, Spain, May 4–6, 2026.
5. Fawley, D., Croker, S., Diaz, R., Gorab, R., Irving, J., Kindsfater, K., Swank, M., Dalury, D.: Do cruciate retaining knees perform better than posterior stabilized? A review of long-term survivorship from a multi-center registry. 26th EFORT Annual Congress, Lyon, France, June 11–13, 2025.
6. Fawley, D., Francher, K., Croker, S., Diaz, R., Mason, J.B., Barrett, W., Alton, T., Gorab, R., Kindsfater, K., Dalury, D.: Performance of rotating platform cementless primary total knee arthroplasty: a registry review. 26th EFORT Annual Congress, Lyon, France, June 11–13, 2025.
7. Fawley, D., Francher, K., Croker, S., Diaz, R., Mason, J.B., Irving, J., Barrett, W., Alton, T., Gorab, R., Kindsfater, K.: Medial stabilized inserts in primary cemented total knee arthroplasty: a registry review. 26th EFORT Annual Congress, Lyon, France, June 11–13, 2025.
8. Kindsfater, K., Dalury, D., Gorab, R., Barrett, W., Alton, T., Pomeroy, D., Irving, J., Swank, M., Spitzer, A., Croker, S., Fawley, D.: Plus 4 and neutral liners in primary total hip arthroplasty: review of survivorship and clinical outcomes from a multi-center registry. Abstract Poster Presentation, ISTA, Nashville, Tennessee, August 2024.
9. Fawley, D., Dalury, D., Kindsfater, K., Gorab, R., Barrett, W., Pomeroy, D., Irving, J., Croker, S.: Survivorship and clinical outcomes for a new and legacy all polyethylene tibia used in primary total knee arthroplasty. Abstract Poster Presentation, ISTA, Nashville, Tennessee, August 2024.
10. Kindsfater, K., Barrett, W.: Comparing against the gold standard: the safety profile and revisions of a new implant system compared to the Corail stem and Pinnacle shell. Abstract Poster Presentation, Global Orthopaedic Summit, Dubai, UAE, February 2024.
11. Nassif, N., Kindsfater, K., Spitzer, A., Irving, J., Barrett, W., Swank, M., Pomeroy, D., Croker, S., Fawley, D., Bridgens, J., Gorab, R.: Survivorship and clinical outcomes of a single design revision tibial component in primary and revision total knee arthroplasty: a multi-center review. Podium Presentation, ISTA, New York City, September 2023.
12. Kindsfater, K., Dalury, D., Spitzer, A., Irving, J., Barrett, W., Swank, M., Pomeroy, D., Croker, S., Fawley, D., Bridgens, J., Gorab, R.: Survivorship and clinical outcomes using a porous-coated acetabular component in primary total hip arthroplasty: a multi-center registry review. Poster Presentation, EFORT Congress, Vienna, Austria, May 2023.
13. Kindsfater, K., Gorab, R., Croker, S., Fawley, D., Pomeroy, D.: Mid- to long-term outcomes of a femoral revision knee system used in revision knee arthroplasty: a multi-center registry review. Abstract Poster Presentation, EFORT Congress, Lisbon, Portugal, June 2022.
14. Kindsfater, K., Politi, J., Chimento, G., Fawley, D.: Two-year survivorship and complications of revision hip arthroplasty with a modular femoral stem. Abstract Poster Presentation, EFORT Congress, Vienna, Austria, October 2020.
15. Kindsfater, K., Lesko, J.: Survivorship of a modular acetabular cup system: medium- to long-term follow-up. Arthroplasty Today, 4(3):376–382, August 2017.
16. Dave, A.J., Selzer, F., Losina, E., Klara, K.M., Collins, J.E., Usiskin, I., Band, P., Dalury, D.F., Iorio, R., Kindsfater, K., Katz, J.N.: Is there an association between whole-body pain with osteoarthritis-related knee pain, pain catastrophizing, and mental health? Clinical Orthopaedics and Related Research, 473(12):3894–3902, December 2015.
17. Kindsfater, K.A., Pomeroy, D., Clark, C.R., Gruen, T.A., Murphy, J., Himden, S.: In vivo performance of moderately cross-linked, thermally treated polyethylene in a prospective randomized controlled primary total knee arthroplasty trial. Journal of Arthroplasty, 30(8):1333–1338, August 2015.
18. Barrett, W., Toomey, S., Kindsfater, K., Panozzo, M., Lesko, J.: Midterm results of a moderately crosslinked polyethylene: a retrospective review. Podium Presentation, International Congress for Joint Replacement, Kona, Hawaii, July 2015.

19. Fischenich, K.M., Lewis, J., Kindsfater, K.A., Bailey, T.S., Haut-Donahue, T.L.: Effects of degeneration on the compressive and tensile properties of human meniscus. Journal of Biomechanics, 48(8):1407–1411, June 2015.
20. Kindsfater, K.: Stemless revision TKA utilizing press-fit metaphyseal sleeves: midterm results of a novel technique. E-Poster Presentation, International Society for Technology in Arthroplasty, Kyoto, Japan, September 2014.
21. Kindsfater, K.: Stemless revision TKA utilizing press-fit metaphyseal sleeves: midterm results of a novel technique. Podium Presentation, International Congress for Joint Replacement, Kona, Hawaii, July 2014.
22. Kindsfater, K., Barrett, W., Dowd, J., Lesko, J.: Ten-year survivorship with a modular cup: results of a large multicenter study. Poster Presentation, International Congress for Joint Replacement, Kona, Hawaii, July 2014.
23. Johnson, D., Dennis, D., Kindsfater, K., Kim, R.: Evaluation of total knee arthroplasty performed with and without computer navigation: a bilateral total knee arthroplasty study. Journal of Arthroplasty, 28(3):455–458, March 2013.
24. Kindsfater, K., Sherman, C., Bureau, C.: A prospective study of moderately crosslinked lateralized liners: minimum five-year clinical and radiographic follow-up. Poster Presentation, International Society for Technology in Arthroplasty, Sydney, Australia, October 2012.
25. Barrett, W., Kindsfater, K., Lesko, J.: Large diameter modular metal-on-metal total hip arthroplasty: incidence of revision for adverse reaction to metallic debris. Journal of Arthroplasty, 27(6):976–983, June 2012.
26. Kindsfater, K., Sychterz-Terefenko, C., Gruen, T.: Five-year minimum results of modular metal-on-metal THA. Journal of Arthroplasty, 27(4):545–550, April 2012.
27. Kindsfater, K., Sherman, C., Bureau, C., Sychterz-Terefenko, C.: Stemless revision TKA utilizing press-fit metaphyseal sleeves: early results of a new technique. Poster Presentation, International Society for Technology in Arthroplasty, Bruges, Belgium, September 2011.
28. Barrett, W., Kindsfater, K., Lesko, J.: Large diameter modular metal-on-metal total hip arthroplasty: assessment of soft tissue adverse events. Podium Presentation, AAOS, San Diego, California, 2011.
29. Kindsfater, K., Dennis, D., Politi, J.: Incidence of femoral version change in primary total hip arthroplasty with a modular femoral component. Orthopedics, April 2011.
30. Kindsfater, K., Sychterz, C., Gruen, T.: Five-year minimum results of modular metal-on-metal THA. Podium Presentation, International Society for Technology in Arthroplasty, Dubai, UAE, October 2010.
31. Kindsfater, K.: Stemless revision TKA utilizing press-fit metaphyseal sleeves. White Paper, May 2010.
32. Kindsfater, K., Bureau, C., Sherman, C.: Unrecognized acetabular component rotation with formation of a pseudoarticulation after total hip arthroplasty. Journal of Arthroplasty, April 2010.
33. Kindsfater, K., Roche, M., Gruen, T., Warriner, G.: In vivo performance of third-generation polyethylene in a prospective randomized controlled trial. Poster Presentation, AAOS, New Orleans, Louisiana, 2010.
34. Kindsfater, K., Dennis, D., Politi, J.: Incidence of femoral version change in primary total hip arthroplasty with a modular femoral component. Poster Presentation, Orthopaedic Research Society, New Orleans, Louisiana, 2010.
35. Kindsfater, K., Roche, M., Gruen, T., Warriner, G.: In vivo performance of a third-generation polyethylene in total knee arthroplasty: a prospective randomized trial. Podium Presentation, AAHKS, Dallas, Texas, November 2009.
36. Dennis, D., Kindsfater, K., Johnson, D., Kim, R.: Evaluation of TKA performed with and without computer navigation: a bilateral TKA study. Podium Presentation, AAHKS, Dallas, Texas, November 2009.
37. Dennis, D., Kindsfater, K., Johnson, D., Kim, R.: Evaluation of TKA performed with and without computer navigation: a bilateral TKA study. International Congress for Joint Replacement, Kona, Hawaii, October 2009.
38. Kindsfater, K., Dennis, D., Politi, J.: Incidence of femoral version change in primary total hip arthroplasty with the SROM femoral component. Podium Presentation, International Society for Technology in Arthroplasty, Kona, Hawaii, October 2009.
39. Kindsfater, K., Barrett, W., Dowd, J., Southworth, C.: Midterm survival of a multiliner acetabular cup—1,593 consecutive total hip replacements. Poster Presentation, EFORT Conference, Vienna, Austria, June 2009.
40. Dowd, J., Kindsfater, K., Barrett, W., Dalury, D., Southworth, C.: Large femoral heads can help reduce risk of dislocation in THR. Podium Presentation, AAOS Proceedings, San Francisco, California, 2008.
41. Dowd, J., Barrett, W., Kindsfater, K., Dalury, D., Southworth, C.: Large femoral heads can help reduce risk of dislocation in THR. Podium Presentation, AAHKS, Dallas, Texas, November 2007.
42. Barrett, W., Kindsfater, K., Dowd, J., Southworth, C.: Delayed hypersensitivity in total hip replacements with metal-on-metal bearings. Podium Presentation, Western Orthopaedic Association Annual Meeting, July 2007.

43. Kindsfater, K., Barrett, W., Dowd, J., Southworth, C., Cassell, M.: Midterm survival of the Pinnacle multiliner acetabular cup in a prospective multicenter study. Poster Presentation, AAOS, San Diego, California, 2007.

44. Kindsfater, K., Spitzer, A.I., Schafer, J.L., Scott, R.S.: Bipolar hemiarthroplasty for primary osteoarthritis of the hip: a review of forty-one cases with eight-to-ten-year follow-up. Orthopedics, 21(4):425–431, April 1998.

45. Kindsfater, K., Wilson, M.G., Thomas, W.H.: Management of the rheumatoid hindfoot with special emphasis on talonavicular arthrodesis. Clinical Orthopaedics and Related Research, 340:69–75, July 1997.

46. Kindsfater, K., Scott, R.D.: Recurrent hemarthrosis after total knee arthroplasty. Journal of Arthroplasty, 10(Suppl):52–56, November 1995.

47. Kindsfater, K., Jonassen, E.A.: Osteomyelitis in grade II and grade III open tibia fractures with early and late debridement. Journal of Orthopaedic Trauma, 9(2):121–127, February 1995.

48. Kindsfater, K., Lowe, T., Lawellin, D., Weinstein, D., Akmakjian, J.: Platelet calmodulin levels in adolescent idiopathic scoliosis—prediction of curve progression and severity. Journal of Bone and Joint Surgery, 76-A:1186–1193, August 1994.

49. Kindsfater, K., O'Brien, T., Piatt, B., Motz, H.A., Hsin, J.: Effects of hyperbaric oxygen on rabbit tendo-Achilles healing. Orthopaedic Transactions, 16(2):304, Summer 1992.

Book Chapters/Symposia/Monographs

1. Kindsfater, K., Froimson, M., : Total Hip Arthroplasty: Using Clinical Performance to Guide Implant Selection. Orthopaedics Today, January 2012.

2. Kindsfater, K., Trousdale, R., Austin, M., Dowd, J., Rodriguez, J.: Redefining Success in Revision Total Knee Arthroplasty, Orthopaedics Today, January 2011.

3. Kindsfater, K., Dennis, D., Ranawat, C., Dowd, J., Nevins, R., Barrett, W.: Advances in Orthopaedic Treatment with mobile Bearing Knees, Orthopaedics Today, August 2010.

4. Kindsfater, K.: Recurrent Hemarthrosis After Total Knee Arthroplasty. In: Knee Surgery- Complications, Pitfalls, and Salvage. 1st ed. New York: Springer-Verlag, 2001:361-363.

Presentations/Programs

1. Invited Speaker /Faculty, DePuy Synthes Hip Innovations Lab, AAOS, Las Vegas, Nevada, 2023.

2. Invited Speaker/Faculty: Corin Innovation Summit, "OR Efficiency". San Francisco, California, September 2022.

3. Invited Speaker / Faculty, Depuy National Sales Meeting, Palm Desert, California, February, 2020.

4. Invited International Guest Speaker, Asia Pacific Arthroplasty Society – Annual Meeting. Presented Topics: Robotics in Arthroplasty Debate, Managing Budgets in Tight Fiscal Times, Stemless Revision TKA Utilizing Press-Fit Metaphyseal Sleeves – Update, Technology in Arthroplasty – When to Jump In. Bangkok, Thailand. August 2018.

5. Invited International Guest Speaker, Asia Pacific Arthroplasty Society – Annual Meeting. Presented Topics: Early Infection in Total Joint Arthroplasty, Incidence of Femoral Component Version Change in Primary THA, OR Efficiency, Handling Femoral Bone Loss in Revision THA, Managing Bone Loss in Revision TKA. Chennai, India, August 2017.

6. Invited International Guest Speaker, Asia Pacific Arthroplasty Society - Annual Meeting. Presented Topics: OR and Office Efficiency, Instability in THA, Stemless Revision TKA Using Press-Fit Metaphyseal Sleeves, Patella Resurfacing Debate – in support of, Articulating Spacers in Infected TKA. Penang, Malaysia. August 2016.

7. Invited Guest Speaker, DePuy Western Australia Joint Symposium – Contemporary Management of Fixation and Bone Loss in Revision Knee Arthroplasty. Revision TKA Using Press-Fit Metaphyseal Sleeves. August 2015.

8. Faculty, Revision TKA Learning Center, Atlanta, Georgia, October, 2013.

9. Invited International Guest Speaker, DePuy Revision Hip and Knee Symposium, Gold Coast, Australia. September, 2013.

10. Faculty, Revision TKA Learning Center, Las Vegas, Nevada, February 2013.

11. Faculty, Update on Bearing Surfaces and Clinical Results of the Pinnacle Acetabular Cup System, THA Symposium, AAHKS, Dallas, Texas, 2012.

12. Faculty, Revision TKA Learning Center, Raynham, Massachusetts, August, 2012.

13. Faculty, Revision THA Sales Training, Chicago, Illinois, May 2012.

14. Faculty, High Performance TKA Learning Center, Las Vegas, Nevada, February, 2012.

15. Faculty, High Performance TKA Learning Center, Dallas Texas, November, 2011.

16. Faculty, THA and TKA Advanced Learning Center, Las Vegas, Nevada, October, 2011.

17. DePuy Speakers Bureau, " Revision TKA Utilizing Press-Fit Metaphyseal Sleeves", Chicago, Illinois, July, 2011.

18. Faculty, TKA Learning Center, DePuy Orthopaedics, Denver, Colorado, June, 2011.

19. DePuy Speakers Bureau, "Revision TKA Utilizing Press-Fit Metaphyseal Sleeves", San Francisco, California, June 2011.

20. Faculty, TKA Learning Center, DePuy Orthopaedics, San Francisco, California, June 2011.

21. DePuy Speakers Bureau, "Revision TKA Utilizing Press-Fit Metaphyseal Sleeves", Dallas, Texas, May 2011.

22. Faculty, TKA Learning Center, DePuy Orthopaedics, Dallas, Texas, May 2011.

23. Faculty, TKA Learning Center, DePuy Orthopaedics, Memphis, Tennessee, April, 2011.

24. Faculty/Invited Speaker, DePuy National Sales Meeting, Orlando, Florida, January, 2011.

25. Faculty, TKA Learning Center, DePuy Orthopaedics, St. Louis, Missouri, December, 2010.

26. Depuy Speakers Bureau, "Alternative Bearing Surfaces in THA", Phoenix, Arizona, November, 2010.

27. Depuy Speakers Bureau, "Alternative Bearing Surfaces in THA", Denver, Colorado, October, 2010.

28. Faculty, Revision TKA Learning Center, DePuy Orthopaedics, Las Vegas Nevada, September, 2010.

29. Invited International Faculty," Debating Solutions in Total Hip Replacement, Rome, Italy, May, 2010.

30. Faculty Revision TKA Learning Center, DePuy Orthopaedics, Raynham, Massachusetts. Performed Cadaver dissections with implantation of press fit sleeves without stems. April, 2010.

31. Invited Speaker / Faculty, DePuy National Sales Meeting, Phoenix, Arizona January, 2010.

32. Faculty Revision TKA Learning Center, DePuy Orthopaedics, Dallas, Texas. Performed cadaver dissections with implantation of femoral sleeves without stems. November, 2009.

33. Faculty sales training, Depuy Orthopaedics, Dallas, Texas. November, 2009.

34. DePuy Speakers Bureau, "Managing Bone Defects in Revision TKA, " Stemless Revision TKA Utilizing Press Fit Metaphyseal Sleeves", Honolulu, Hawaii, October, 2009.

35. Insall Traveling Fellows Conference, University of Colorado Health Sciences Center, "Stemless Revision TKA Utilizing Press Fit Metaphyseal Sleeves", October, 2009.

36. Faculty High Performance Learning Center, DePuy Orthopaedics, Seattle, Washington. Performed cadaver dissection with HP instruments. Presented "High Flex TKA, CR 150. April, 2009.

37. Faculty, High Performance Learning Center, DePuy Orthopaedics, Tuscon, Arizona. Performed cadaver dissection with implantation of press fit metaphyseal sleeves without stems. May, 2009.

38. Faculty, High Performance Learning Center, DePuy Orthopaedics, Phoenix, Arizona, February, 2009. Presented "Optimized Mid Vastus Approach for TKA". Performed cadaver dissection and TKA implantation New instruments for surgeon attendees of the course.

39. DePuy Speaker Bureau, Advances in Technology in THA and TKA, Minneapolis, Minnesota, November, 2008.

40. Faculty, Revision TKA Course/High Performance Learning Center, DePuy Orthopaedics, Dallas, Texas, November, 2008. Presented "RP TKA" and "Management of Infections in TKA". Performed cadaver dissection and Implantation of RP TKA.

41. Depuy Speaker Bureau, Metal on Metal THA and RP TKA, Loveland, Colorado, August, 2008.

42. Faculty, High Performance Learning Center, DePuy Orthopaedics, Celebration, Florida, April, 2008. Presented "Optimized Mid Vastus Approach for TKA". Performed cadaver dissection and TKA implantation with new instruments for surgeon attendees of the course.

43. Faculty, High Performance Learning Center, DePuy Orthopaedics, Chicago, Illinois, March, 2008. Presented " High Performance Fixed Bearing TKA", "Survivorship of RP TKA". Performed cadaver dissection and TKA implantation with new instruments for surgeon attendees of the course.

44. Faculty High Performance Learning Center, DePuy Orthopaedics, Las Vegas, Nevada, February, 2008. Presented "High Performance Fixed Bearing TKA". Performed cadaver dissection and TKA implantation with new instruments for surgeon attendees of the course.

45. Faculty, Transforming Orthopaedics: Advanced Outcomes and Techniques, Vail, Colorado, February, 2008.

46. Depuy Speaker Bureau, Metal on Metal THA, Shreveport, Louisiana, October, 2007.

47. Depuy Speaker Bureau, Metal on Metal THA, Houma, Louisiana, September, 2007.

48. Depuy Speaker Bureau, Metal on Metal THA, New Orleans , Louisiana, June, 2007.

49. The "Millenium Patient", National Video Conference, moderator, Denver, Colorado, April, 2007.

50. Depuy Speaker Bureau, Rotating Platform TKA, St. Louis, Missouri, March, 2007

51. Depuy Speaker Bureau, Rotating Platform TKA, Denver, Colorado. March, 2007.

52. Faculty, Depuy Sales Training Meeting, RP TKA, Dallas, Texas, 2007.

53. Insall Traveling Fellows Conference, Simultaneous Bilateral RP TKA: CAS vs Standard Technique. 2006

54. Alternative Bearing Surfaces in Total Joint Arthroplasty, National Video Conference, moderator and speaker, "Metal/Metal THA. Denver, Colorado, 2006.

55. Insall Traveling Fellows Conference, Computer Assisted TKA – Early Lessons Learned, Denver, Colorado, 2005.

56. Faculty, Ci, Computer Assisted TKA, San Diego, California, 2005.

57. Faculty, Maximizing Performance in Primary Total Joint Replacement, Metal/Metal THA, La Jolla, California, 2005.

58. Depuy Speaker Bureau, Innovations in Total Joint Arthroplasty, Metal on Metal THA, Ft. Collins, Colorado, 2005.

59. Depuy Midwestern Surgeon Panel, Metal on Metal THA – An Ionizing Decision, San Francisco, California, 2005.

60. Depuy Speaker Bureau, Metal / Metal THA, El Paso, Texas, 2005.

61. Depuy sales training, Metal on Metal THA, Colorado Springs, Colorado, 2005.

62. Faculty, Maximizing Performance in Primary Total Joint Replacement, Patello-Femoral Arthroplasty, La Jolla, California, 2005.

63. Northern Colorado Orthopaedic Conference, Rotating Platform TKA, Ft. Collins, Colorado, 2005.

64. Depuy Speaker Bureau, Metal / Metal THA, Albuquerque, New Mexico, 2005.

65. University of Colorado Residents Conference, Denver, Colorado, Metal/Metal THA, 2005.

66. Insall Traveling Fellows Conference, Denver, Colorado, CAS TKA – Early Lessons Learned, 2005.

67. Depuy Western Sales Meeting, Metal / Metal THA – An Ionizing Decision, Las Vegas, Nevada, 2005.

68. Depuy Ci TKA Course, San Diego, California, CAS TKA – Early Lessons Learned, 2005.

69. Depuy Mountain Surgeon Panel, CAS TKA – Early Lessons Learned, Phoenix, Arizona, 2004.

70. Faculty, Maximizing Performance in Primary Total Joint Replacement, Metal/Metal THA, an Ionizing Decision. Scottsdale, Arizona, 2004.

71. Rocky Mountain Chapter Western Orthopaedic Association, Colorado Springs, Colorado, 2003. Metal/Metal THA.

72. Northern Colorado Orthopaedic Conference, Ft. Collins, Colorado, 2002. Mini Dose Coumadin Therapy in Total Joint Arthroplasty.

73. Program Chair, Rocky Mountain Chapter Western Orthopaedic Association, 2001, 2002.

74. Faculty, Clinical Management of the Arthritic Hip and Knee, Unicompartmental Knee Arthroplasty, Rancho Mirage, Ca., 1996.

75. University of Colorado, Department of Orthopaedics, "The Boston Joint Experience", Grand Rounds, Denver, Colorado, 1996.

76. AAOS Scientific Meeting, , Platelet Calmodulin Levels in Idiopathic Adolescent Scoliosis, New Orleans, La. 1994

77. Scoliosis Research Society, Platelet Calmodulin Levels in Idiopathic Adolescent Scoliosis, Dublin, Ireland, 1993.

78. AAOS Scientific Meeting, Osteomyelitis in GII and GIII Open Tibial Fractures with Early and Late Debridement, San Francisco, Ca., 1993.

79. AAOS Orthopaedic Trauma Association Specialty Day, Osteomyelitis in GII and GIII Open Tibial Fractures with Early and Late Debridement, San Francisco, Ca., 1993.

80. Rocky Mountain Chapter Western Orthopaedic Association, Tendo Achilles Healing in Rabbits with Hyperbaric Oxygen, Denver, Co., 1993.

81. Orthopaedic Trauma Association, Osteomyelitis in GII and GIII Open Tibial Fractures with Early and Late Debridement, Minneapolis, Minnesota., 1992.

82. American Orthopaedic Association Residents Conference, Tendo Achilles Healing in Rabbits with Hyperbaric Oxygen, Ann Arbor, Michigan, 1992.

83. Colorado Trauma Symposium, Osteomyelitis in GII and GIII Open Tibial Fractures with Early and Late Debridement, Denver, Co., 1992.

Design Projects

1. Emphasys Acetabular Shell / Dual Mobility / Constrained Liner / Emphasys Revision Shell – DePuy Orthopaedics. Current.

2. Instrumented Revision TKA Metaphyseal Cones. DePuy Orthopaedics. 2018-2023.

3. TKA instrumentation development - Stryker Orthopaedics. 2016.

4. Femoral cutting block for TC3, HP revision TKA instrumentation. In conjunction with DePuy Orthopaedics. 2010-2011.

5. Titanium foam acetabular wedges and buttresses. Titanium foam press fit metaphyseal sleeves for revision TKA. In conjunction with DePuy Orthopaedics. 2008 – 2010.

6. "Revolution" cement delivery system. Stryker Orthopaedics. 2001.

Past and Current Research

1. Reclaim Revision Femoral Stem. Clinical outcomes and long term survivorship. In conjunction with DePuy Orthopaedics. Current.

2. Attune TKA All-Poly Tibial Component. Early clinical evaluator. Current.

3. Attune TKA Medial Stabilized Polyethylene Insert. Early clinical evaluator. Current.

4. Attune TKA Complex Primary TKA with Fixed Bearing Revision Tibial Tray. Early performance and long-term clinical outcomes. Current.

5. AOX polyethylene in Attune and Sigma RP TKA. Clinical performance and long term clinical outcomes. In conjunction with DePuy Orthopaedics. Current.

6. AltrX polyethylene in Gription Acetabular Shell. Clinical performance and long term clinical outcomes. In conjunction with DePuy Orthopaedics. Current.

7. ASR Post Market Surveillance Study. FDA required 522 Study in conjunction with DePuy Orthopaedics. Radiographic, MRI and serum metal level evaluation. Current.

8. Stemless Revision TKA Utilizing Press-Fit Metaphyseal Sleeves: Mid-term results of a Novel Technique. Independent clinical study. Current.

9. Modular Metal on Metal Post Market Surveillance Study . FDA required 522 Study in conjunction with DePuy Orthopaedics. Radiographic, MRI and serum metal level evaluation. Current.

10. Attune Clinical Evaluation – 10004, evaluation Attune CR RP TKA- Comparative data base for early evaluators Attune TKA. Current

11. Attune Clinical Evaluation – 10003, evaluation CR RP Sigma TKA – Comparative data base for early evaluators Attune TKA. Current.

12. Summit Cemented Stem Clinical Evaluation. Clinical performance and long-term clinical outcomes. In conjunction with DePuy Orthopaedics. Current.

13. Modular Metal on Metal THA, 5 Year Minimum Results. In conjunction with DePuy Orthopaedics. 2010.

14. Incidence of Version Change in Primary Total Hip Arthroplasty with the SROM Femoral Component. Independent clinical study. 2008 – 2009.

15. Bilateral Simultaneous RP TKA: CAS vs Standard Technique. Independent clinical study. 2006.

16. Lead Investigator Bannister Cobalt/Chrome tibial tray / highly crosslinked polyethylene, multi-center study, in conjunction with Depuy Orthopaedics. 2004-Present.

17. Pinnacle Cup Clinical Study, Clinical Investigator, in Conjunction with Depuy Orthopaedics. 2001- 2012.

18. Ultima bead blasted vs. Ultima polished collarless stem. Clinical Investigator, in conjunction with Johnson and Johnson Orthopaedics, 1998-2000.

19. Clinical Fellow, Implant Retrieval Study, Orthopaedic Research Laboratory, Harvard School of Medicine, Massachusetts Institute of Technology, Brigham and Women's Hospital, Boston, Ma. Developed a system of grading and cataloging damage and wear of retrieved orthopaedic implants.

Teaching Experience/Appointments

1. Associate Clinical Professor, Department of Orthopaedics, University of Colorado, Denver, Co., 1995-2000.

2. Clinical Faculty, Denver VA Medical Center, Denver, Colorado, 1996-2000.

3. Clinical Faculty West Roxbury VA, West Roxbury, Ma., 1994-1995.

4. Clinical Fellow and Officer, Harvard University School of Medicine, Brigham and Women's Hospital, Boston, Ma., 1994-1995.

Societies/Memberships

1. Fellow, American Academy of Orthopaedic Surgeons

2. Member, American Association of Orthopaedic Surgeons

3. Member, American Association of Hip And Knee Surgeons

4. Western Orthopaedic Association

5. Colorado Orthopaedic Society – President, 2002- 2005

6. Rocky Mountain Chapter Western Orthopaedic Association

Additional Information

1. Consultant Corin – 2022 Present.

2. Consultant Depuy Orthopaedics – 2002 to present.

3. Consultant Stryker Orthopaedics – 2015 to 2019.