

## **Dr. Scuderi's Publications**

### **JOURNAL ARTICLES**

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## **ABSTRACTS**

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## PRESENTATIONS

**Scuderi, G.R.;** Scharf, S.C.; Meltzer, L.P. and Scott, W.N.: The Effect of Lateral Release on Patella Viability in Total Knee Arthroplasty, presented to the American Orthopedic Association Traveling Fellows, Lenox Hill Hospital, October 10, 1986.

**Scuderi, G.R.** and O'Leary, P.: Lumbar Laminectomy Without Fusion for Spinal Stenosis: A Preliminary Report, presented at the Annual Scientific Meeting of the Alumni Association of the Hospital of Joint Diseases Orthopedic Institute, New York, October 24, 1986.

**Scuderi, G.;** Cuomo, F.; and Scott, W.N.: Lateral Release and Proximal Realignment for Patellar Subluxation and Dislocation. A Long-Term Followup, presented at the Annual Meeting of the American Academy Orthopaedic Surgeons, San Francisco, Cal., January 24, 1987.

**Scuderi, G.R.;** Cuomo, F.; and Scott, W.N.: Proximal Patellar Realignment: Long Term Evaluation, presented to the American Orthopedic Society for Sports Medicine European Traveling Fellows, Lenox Hill Hospital, New York, New York, June 10, 1987.

**Scuderi, G.R.:** The Evolution and Clinical Results of the Posterior Stabilized Knee Prosthesis, presented to the Austrian, Swiss and German Traveling Fellows at The Hospital for Special Surgery, New York, New York, March 9, 1988.

**Scuderi, G.R.;** Moran, M.C.; Windsor, R.E.; and Insall, J.N.: Survivorship of Total Knee Replacement: A Preliminary Report, presented at the Residents and Fellows Meeting at the Hospital for Special Surgery, New York, New York, May 21, 1988.

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**Scuderi, G.R.;** Haas, S.B.; Windsor, R.E.; and Insall, J.N.: Inlay Autogenous Bone Graft for Tibial Defects in Primary Total Knee Arthroplasty, presented at the Knee Society Annual Meeting, Las Vegas, Nevada, February 12, 1989.

**Scuderi, G.R.:** Bilateral Anterior Knee Pain - Soccer. Case Symposium. The American College of Sports Medicine Annual Meeting. Dallas, Texas, May 29, 1992

**Scuderi, G.R.:** Radiographic Assessment of Patella Length, Thickness and Height. The American College of Sports Medicine Annual Meeting. Dallas, Texas, May 30, 1992.

**Scuderi, G.R.** and Scuderi, D.M.: Patellar Fragmentation, presented at the AAOS Annual Meeting, New Orleans, La., February 26, 1994.

Colizza, W.A.; Insall, J.N.; and **Scuderi, G.R.:** The Posterior Stabilized Total Knee Prosthesis with Metal Backed Tibial Component: 10 to 12 year followup. Canadian Orthopaedic Association Annual Meeting, Winnipeg, Canada, June 13, 1994

Cushner, F.; **Scuderi, G.R.;** and Insall, J.N.: Evaluation of ACL Integrity and Degenerative Arthritis in Patients Undergoing TKA, Interim Meeting of the Knee Society, Baltimore, MD, October 7, 1994

Alicea, J.A.; Scott, W.N.; **Scuderi, G.R.;** and Gotlin, R.S.: The Effect of Divergence Between the Femoral Interference Screw and the Femoral Bone Block in Endoscopic Anterior Cruciate Ligament Reconstructions. AAOS Annual Meeting, Orlando, Florida, February 16, 1995

Goldman, R.T; **Scuderi, G.R.;** and Insall, J.N.: Two Stage Reimplantation for Infected Total Knee Arthroplasty: Long Term Followup and Survivorship Analysis. AAOS Annual Meeting, Atlanta, GA, February 26, 1996.

Goldman, R.T; **Scuderi, G.R.;** and Insall, J.N.: Two Stage Reimplantation for Infected Total Knee Arthroplasty: Long Term Followup and Survivorship Analysis. Knee Society Specialty Day, Atlanta, GA, February 25, 1996.

**Scuderi, G.R.;** Diduch, D.; Insall, J.N.; Scott, W.N.; and Kelly, M.A.: The Efficacy of Arthroscopy in the Management of the Problematic Total Knee Arthroplasty. Lenox Hill Alumni Day, New York, N.Y., May 17, 1996

**Scuderi, G.R.:** Experience With Constrained Condylar Total Knee Arthroplasty. Interim Meeting of the Knee Society, Cleveland, Ohio, September 27, 1996

Font-Rodriguez, D.E.; Insall, J.N.; **Scuderi, G.R.:** Survivorship of Cemented Total Knee Arthroplasty. The Knee Society Specialty Day, San Francisco, California, February 16, 1997

**Scuderi, G.R.** and Insall, J.N.: Cemented Tibial Stems Enhance Fixation in Cemented Total Knee Arthroplasty. The Knee Society Interim Meeting, Scottsdale, AZ, October 9, 1998

**Scuderi, GR;** Insall, JN; Komistek, RD; Dennis, DA; Math, K: In Vivo Correlation of Condylar Lift-off and Femoral Component Alignment During A Deep Knee Bend at the 68<sup>th</sup> Annual AAOS Meeting, San Francisco, CA, Feb. 28 , 2001

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**Scuderi GR**: Minimal Incision Total Knee Arthroplasty with a Limited Medial Parapatellar Approach. The Knee Society Specialty Day, San Francisco, CA, March 13, 2004

**Scuderi GR**, Tenholder M, Clarke HD: The early clinical results with a limited medial parapatellar arthrotomy in TKA. Interim Meeting of the Knee Society, Jackson Hole Wyoming, September 10, 2004

**Scuderi GR**: Why I prefer small incision TKA. The Knee Society Specialty Day. Washington, DC, February 26, 2005

**Scuderi GR**: The difficult primary TKA: The multi-scarred knee. Symposium at the 2005 AAOS Annual Meeting, Washington, DC February 27, 2005

## Presentations by Co-Authors

**Haas, S.B.;** Scuderi, G.R.; Insall, J.N.; Windsor, R.E.; and Ghelman B.: Pneumatic Sequential Compression Boots Versus Aspirin for Prophylaxis of Deep Vein Thrombosis following Total Knee Arthroplasty. AAOS Annual Meeting, Atlanta, Ga., February 1988.

**Windsor, R.E.;** Scuderi, G.R.; Insall, J.N.; and Moran, M.C.: Mechanism of Failure of the Femoral and Tibial Components in Total Knee Arthroplasty. AAOS Annual Meeting, Atlanta, Ga., February 1988.

**Windsor, R.E.;** Scuderi, G.R.; Insall, J.N.; and Moran, M.C.: Survivorship of Total Knee Replacement. Annual Meeting of the International Society of the Knee, 1988

**Padgett, D.E.;** Scuderi, G.R.; Windsor, R.E.; and Insall, J.N.: Revision Arthroplasty of Failed Unicompartamental Knee Replacements. American Orthopaedic Association Residents Conference, 1988

Stern, S.H.; **Bowen, M.K.;** Insall, J.N.; and Scuderi, G.R.: Total Knee Arthroplasty for Gonarthrosis in Patients 55 years or less. Mid- America Orthopaedic Association, 1991.

**Haas, S.B.;** Scuderi, G.R.; Windsor, R.E.; and Insall, J.N.: Autogenous Bone Grafting of Tibial Defects in Primary Total Knee Replacement. American Orthopaedic Association Residents Conference, 1991

**Alicea, J.A.;** Scuderi, G.R.; Insall, J.N.; and Wilets, I.: Comparative Analysis of Outcome Scores in Total Knee Arthroplasty. AAOS Annual Meeting, Orlando, Fla. February 18, 1995

Alicea, J.A.; Scott, W.N.; Scuderi, G.R.; and **Gotlin, R.S.:** Endoscopic Anterior Cruciate Ligament Reconstruction: Is There a Clinical Difference in Tibial Fixation Techniques. AAOS Annual Meeting, Orlando, Fla., February 16, 1995

**Wilson, A.B.;** Scuderi, G.R.; Scott, W.N.: Twelve Year Followup of the Proximal Realignment for Patellar Subluxation or Dislocation. AAOS Annual Meeting, Orlando Fla, February 18, 1995.

**Garvin, K.;** Scuderi, G.R.; and Insall, J.N.: The Evolution of the Quadriceps Snip. Knee Society Specialty Day, Orlando, Fla, February 19, 1995

**Goldman, R.T.;** Scuderi, G.R.; and Insall, J.N.: The Long Term Results of Two Stage Reimplantation for Infected Total Knee Arthroplasty. The Hospital for Special Surgery Alumni Day, November 1995

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**Poivache, P.;** Insall, J.N.; Scuderi, G.R.; and Rodriguez, D.F.: Rotational Landmarks and Sizing of the Distal Femur in Total Knee Arthroplasty. AAOS Annual Meeting, Atlanta, GA, February 23, 1996.

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**Diduch, D.;** Insall, J.N.; Scott, W.N.; Scuderi, G.R.; and Rodriguez, D.F.: Cemented Total Knee Replacement in Young Patients: Long Term Follow-up and Functional Outcome. AAOS Annual Meeting, Atlanta, GA, February 23, 1996

**Diduch, D.R.;** Scuderi, G.R.; Scott, W.N.; Kelly, M.A.; and Insall, J.N.: Arthroscopy of the Problematic Total Knee Arthroplasty. Arthroscopy Association of North America Annual Meeting, Washington, D.C, April 13, 1996.

**Font-Rodriguez, D.E.;** Insall, J.N.; Scuderi, G.R.: Survivorship of Cemented Total Knee Arthroplasty. Knee Society Interim Meeting, Cleveland, Ohio, September 26, 1996.

**Goldfarb, S.J.;** Bullek, D.; Scuderi, G.R.; Insall, J.N.: The Constrained Condylar Total Knee Arthroplasty for Valgus Deformity in the Elderly Patient. Knee Society Interim Meeting, Cleveland, Ohio, September 27, 1996.

**Bolanos, A.A.;** Calvo, E.; Scuderi, G.R.; Insall, J.N.: Long Term Outcome Evaluation After Supracondylar Femoral Osteotomies. Hospital for Special Surgery Annual Alumni Meeting, New York, N.Y., November 8, 1996

**Font-Rodriguez, D.E.;** Insall, J.N.; Scuderi, G.R.: Survivorship of Cemented Total Knee Arthroplasty. Hospital for Special Surgery Annual Alumni Meeting, New York, N.Y., November 8, 1996

**DeMuth, B.;** Scuderi, G.R.; and Insall J.N.: The Effect of the Epicondylar Axis on Patellfemoral Tracking in Total Knee Arthroplasty. The American Association of Hip and Knee Surgeons. Dallas, Texas, November 9, 1996

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**DeMuth, B.;** Scuderi, G.R.; and Insall J.N.: The Effect of the Epicondylar Axis on Patellfemoral Tracking in Total Knee Arthroplasty. The Knee Society Specialty Day, San Francisco, California, February 16, 1997

**Goldfarb, S.J.;** Bullek, D.; Scuderi, G.R.; Insall, J.N.: The Constrained Condylar Total Knee Arthroplasty for Valgus Deformity in the Elderly Patient. The Knee Society Specialty Day, San Francisco, California, February 16, 1997

**Mann, J.W.;** Insall, J.N.; Scuderi, G.R.: Total Knee Arthroplasty in Patients with Associated Extra-Articular Angular Deformity. The AAOS 64th Annual Meeting, San Francisco, California, February 13, 1997

**Font-Rodriguez, D.E.;** Insall, J.N.; Scuderi, G.R.: Survivorship of Cemented Total Knee Arthroplasty. The AAOS 64th Annual Meeting, San Francisco, California, February 14, 1997

**DeMuth, B.;** Scuderi, G.R.; and Insall J.N.: The Effect of the Epicondylar Axis on Patellofemoral Tracking in Total Knee Arthroplasty. The AAOS 64th Annual Meeting, San Francisco, California, February 14, 1997

**Chang, L.;** Scuderi, G.R.; Insall, J.N.; Archer J.M.: Long-Term Follow-up of Total Knee Arthroplasty in Charcot Arthropathy. The AAOS 64th Annual Meeting, San Francisco, California, February 14, 1997

**Archer, J.A.;** Scott, W.N.; Scuderi, G.R.; Kelly, M.A.: Influence of Graft Diameter on Knee Stability: KT Arthrotomy Study. Arthroplasty. Mid - America Orthopedic Association Fifteenth Annual Meeting. April 23 -27, 1997

**Griffin, F.;** Insall, J.N.; Scuderi, G.R.: Accuracy of Soft Tissue Balancing in Total Knee Arthroplasty: How Perfect is Perfect. The Knee Society Annual Meeting, New York, N.Y., September 4, 1997

**Pagnano, M.;** Forerro, J.; Scuderi, G.R.; Harwin, S.: Is The Routine Examination of Surgical Specimens Worthwhile in Primary Total Knee Arthroplasty. The Knee Society Annual Meeting, New York, N.Y., September 5, 1997

**Griffin, F.;** Insall, J.N.; Scuderi, G.R.: Accuracy of Soft Tissue Balancing in Total Knee Arthroplasty: How Perfect is Perfect. The Hospital for Special Surgery Alumni Association 79th Annual Meeting, New York, N.Y., November 14, 1997

**Griffin, F.M.;** Insall, J.N.; Scuderi, G.R.; Colizza, W.: Total Knee Arthroplasty in Obese Patients with Ten Year Followup. Presented at the Knee Society Specialty Day, New Orleans, LA, March 22, 1998

**Forero, J.H.;** Pagnano, M.W.; Scuderi, G.R.; Harwin, S.F.: Is Routine Examination of Surgical Specimens Worthwhile in Primary Total Knee Arthroplasty. Presented at the Knee Society Specialty Day, New Orleans, LA, March 22, 1998

Pagano, M.W.; **Scuderi, G.R.;** Insall, J.N.: Resection of the Patellar Component for Inadequate Bone Stock in Revision and Reimplant Total Knee Arthroplasty. Presented at the Knee Society Specialty Day, New Orleans, LA, March 22, 1998

**Forero, J.H.;** Pagnano, M.W.; Scuderi, G.R.; Harwin, S.F.: Is Routine Examination of Surgical Specimens Worthwhile in Primary Total Knee Arthroplasty. Presented at the AAOS Annual Meeting, New Orleans, LA, March 23, 1998

**Cushner, F.D.;** Vigorita, V.J.; Scuderi, G.R.; Scott, W.N.; Insall, J.N.: A Histological Analysis of Anterior Cruciate Ligaments from Arthritic and Age-Matched Knee Specimens. Presented at the 9<sup>th</sup> Annual Meeting of the AAHKS, Dallas, Texas, November 6 – 8, 1998

**Pagnano, MW;** Scuderi, GR; Insall, JN: Isolated Patellar Component Revision after Posterior Stabilized Total Knee Arthroplasty. 66<sup>th</sup> Annual AAOS Meeting, Anaheim, CA February 8, 1999

Insall, JN; Scuderi, GR; **Komistek, R;** Math, K; Sarojak, ME: In Vivo Kinematic Correlation Between Condylar Lift-off and Femoral Component Alignment. AAHKS 9<sup>th</sup> Annual Meeting, Dallas, Texas, November 13, 1999

**Cushner, F.D.;** Pagnano, M.; Hanssen, A.; Scuderi, G.R.: Homologous Blood Use Requirements in Two Stage Re-implantation Total Knee Arthroplasty. The Knee Society Interim Meeting, Scottsdale, AZ, October 9, 1998

**Easley, ME;** Insall, JN; Scuderi, GR: Results of Primary Constrained Condylar Knee Arthroplasty for Knee Arthritis Associated with Valgus Deformity, Knee Society Specialty Day, Orlando, Florida, March 18, 2000

**Colman, W.W.** and Scuderi, G.R.: Interactive Total Knee Replacement. 4<sup>th</sup> Annual Conference of the International Society for Computed Aided Surgery. San Francisco, CA, July 1, 2000

**Math KR,** Schwartz JB, Katz DS, Scuderi GR, Harwin S, Cushner FD, Scott WN: Utility of CT for the Evaluation of the Painful Total Knee Arthroplasty: Analysis of 128 Studies. Presented at the Radiological Society of North America Annual Meeting, Chicago, Illinois, November 2000

Schwartz JB, **Math KR**, Scuderi GR, Clarke HD: Osteolysis in Total Knee Arthroplasty: Imaging Spectrum and Analysis of 22 Cases. Presented at the American Roentgen Ray Society Annual Meeting, Seattle, Washington, May 2001

**Clarke HD**, Schwartz, JB, Math KR, Scuderi GR: Risk of Peroneal Nerve Injury with the Pie-crust Technique of Lateral Soft Tissue Release during Total Knee Replacement. A MRI study. 69<sup>th</sup> Annual Meeting of the AAOS, Dallas Texas, February 17, 2002

**Math KR**, Klein D, Scuderi GR: Nuclear Imaging of Osteolysis in Total Hip and Knee Arthroplasty: Spectrum of Imaging Findings. Presented at the Radiological Society of North America Annual Meeting, Chicago, Illinois, November 2002

**Reish TG**, Scuderi GR, Scott WN, Cushner FD, Math K: Osteolysis Around Total Knee Arthroplasty Diagnosed by Multi-Detector Computed Tomography. Presented at the 71<sup>st</sup> Annual AAOS Meeting, San Francisco, CA, March 12, 2004

Scuderi GR, Argenson JN, **Komistek RD**, Mahfouz MR: In vivo determination of deep flexion kinematics for a fixed and mobile bearing deep flexion TKA. ISTA Annual Meeting, Rome Italy, September 24, 2004

**Saleh K**, North American Knee Arthroplasty Revision Study Group: Development of an Improvement Scale to Measure Outcomes Following Total Knee Replacement in a Multi-Center Prospective Cohort Study. European Orthopaedic Research Society Annual Meeting, Amsterdam, Holland, November 25 2004.

**Saleh K**, North American Knee Arthroplasty Revision Study Group: Measuring Improvement Following Total Knee Arthroplasty Revision: A New Perspective and Findings in a Multi-Center Prospective Cohort Study. 5<sup>th</sup> Combined Meeting of the Orthopaedic Research Societies of Canada, USA, Japan and Europe, Banff, Canada, October 13 2004.

**Saleh K**, North American Knee Arthroplasty Revision Study Group: Current Understanding Regarding the Impact of Patient Characteristics on Outcomes of Total Knee Arthroplasty. 5<sup>th</sup> Combined Meeting of the Orthopaedic Research Societies of Canada, USA, Japan and Europe, Banff, Canada, October 11 2004.

**Saleh K**, North American Knee Arthroplasty Revision Study Group: Prospective Multi-Center Assessment of the Validity of 2 Radiographic Measurement Systems in Predicting Actual Bone Loss in Total Knee Arthroplasty Revision. 5<sup>th</sup> Combined Meeting of the Orthopaedic Research Societies of Canada, USA, Japan and Europe, Banff, Canada, October 11 2004.

**Saleh K**, North American Knee Arthroplasty Revision Study Group:  
Development of a Composite Improvement Scale in a Prospective Multi-centre Study of Total Knee Arthroplasty Revision. 5<sup>th</sup> Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Congress, Florida, USA, April 3 2005.

**Saleh K**, North American Knee Arthroplasty Revision Study Group:  
Validation of Two Systems of Bone Loss Measurement in Total Knee Arthroplasty Revision. 5<sup>th</sup> Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Congress, Florida, USA, April 3 2005.

**Saleh K**, North American Knee Arthroplasty Revision Study Group:  
Revision Total Knee Arthroplasty: Baseline Information from the North American Knee Arthroplasty Revision (NAKAR) Study Group. 5<sup>th</sup> Biennial International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine Congress, Florida, USA, April 3 2005.

**Komistek R**, Scuderi GR, Argenson JN: In vivo determination of knee kinematics into deep flexion. ImechE, Knee Arthroplasty: Engineering Functionality. The Royal College of Surgeons, London, UK, April 7, 2005

Dennis DA, Komistek RD, Argenson JN, **Scuderi GR**: In vivo analysis of knee kinematics for subjects implanted with a high flexion TKA. The 19<sup>th</sup> Annual Symposium of the International Society for Technology in Arthroplasty (ISTA), New York, NY October 6-9, 2006

**Leszko F**, Sharma A, Komistek RD, Cates HE, Scuderi GR: Comparison of High Flexion TKA patellofemoral Kinematics. The 19<sup>th</sup> Annual Symposium of the International Society for Technology in Arthroplasty (ISTA), New York, NY October 6-9, 2006

**Sharma A**, Komistek RD, Dennis DA, Ranawat CS, Scuderi GR, Liu F: Kinematic performance comparison for traditional and high flexion TKA. The 19<sup>th</sup> Annual Symposium of the International Society for Technology in Arthroplasty (ISTA), New York, NY October 6-9, 2006

Scuderi GR, **Komistek RD**, Dennis DA, et al: Kinematic performance comparison for traditional and high flexion TKA. Presentation at AAOS Annual Meeting, San Diego, CA, February 14 - 17, 2007

**Long W**, Scuderi GR. Porous tantalum cones for large tibial defects in revision TKA: Minimum 2 year follow-up. Presentation at the AAOS 75<sup>th</sup> Annual Meeting, San Francisco, CA, March 7, 2008

**Komistek RD**, Zingde S, Mahfouz MR, Dennis DA, Scuderi GR, Argenson JN, Cates HE. In vivo kinematics of high flexion implants. Knee Society Specialty Day, San Francisco, CA, March 8, 2008

## SCIENTIFIC AND POSTER EXHIBITS

Zelicof, S.; Vince, K.; Urs, W.; **Scuderi, G.**; and Insall, J.N.: Total Knee Arthroplasty in Post-Traumatic Arthritis. A Scientific Exhibit at the Annual Meeting of the American Academy of Orthopedic Surgeons, Atlanta, Georgia, February 8-9, 1988.

Haas, S.; **Scuderi, G.**; Insall, J.N.; and O'Brien, S.: Assessment of Patellar Alignment and Chondromalacia Patella Using Computerized Tomography. AAOS Annual Meeting, Las Vegas, Nevada, February 9, 1989.

Kress, K.J.; **Scuderi, G.R.**; Windsor, R.E.; and Insall, J.N.: Problematic Fractures and Nonunions about the Knee Treated with Custom Knee Replacements Utilizing Press Fit Intramedullary Stem. AAOS Annual Meeting, Las Vegas Nevada. February 13, 1989.

Lospinuso, M.; Glashow, J.; **Scuderi, G.R.**; and O'Leary, P.: Surgical Treatment of Lumbar Spinal Stenosis with Degenerative Spondylolisthesis. AAOS Annual Meeting, Las Vegas, Nevada. February 9-14, 1989.

Haas, S.B.; Sharrock, N.E.; Hargett, M.J.; Urquhart, B.; Insall, J.N.; and **Scuderi, G.R.**: Effects of Epidural Anesthesia on the Incidence of Deep Vein Thrombosis Following Total Knee Arthroplasty. AAOS Annual Meeting, New Orleans, Louisiana, February 8, 1990.

**Scuderi, G.R.**: Radiographic Assessment of Patella Length, Thickness and Height. Poster Exhibit at the Fifty-Ninth AAOS Annual Meeting, Washington, D.C., February 21, 1992.

**Scuderi, G.R.** and Scott, W.N.: The Patella Nose: Congenital and Acquired, Poster Exhibit at The Twenty Third Annual Meeting of the Eastern Orthopaedic Association, Dorado, Puerto Rico, October 15, 1992.

**Scuderi, G.R.**: The Femoral Intercondylar Roof Angle: Radiographic and MRI Measurement, Poster Exhibit at the AAOS Annual Meeting, San Francisco, California, February 21, 1993

**Scuderi, G.R.** and Scott, W.N.: The Patella Nose: Congenital and Acquired, Poster Exhibit at the AAOS Annual Meeting, San Francisco, California, February 21, 1993.

Zelicof, S.; **Scuderi, G.R.** and Insall, J.N.: Total Knee Arthroplasty After Tibial Plateau Fracture, Poster Exhibit at the AAOS Annual Meeting, San Francisco, California, February 22, 1993.

**Scuderi, G.R.:** An Alternative to the Insall Salvati Ratio in Measuring Patellar Height, Poster Exhibit at the Annual Meeting of the Eastern Orthopaedic Association, Orlando, Florida, October 14-16, 1993.

**Scuderi, G.R.** and Scuderi, D.M.: Patellar Fragmentation. Poster Exhibit at the AAOS Annual Meeting, New Orleans, La., February 25, 1994.

Soifer, T.; Insall, J.N.; Gotlin, R.; Weiss, H.; and **Scuderi, G.R.:** Evaluation of Lateral Patellar Retinacular Release During Total Knee Replacement Using Isokinetic Testing. Poster Exhibit at the AAOS Annual Meeting, Orlando, Florida, February 19, 1995

Math, K.R.; Katz, D.S.; Ghelman, B.; Potter, H.G.; and **Scuderi, G.R.:** The Patella: Anatomy, Position, Variants, and Pathology. Poster Exhibit at the Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 26, 1995.  
(Certificate of Merit)

Archer, J.M.; **Scuderi, G.R.;** Scott, W.N.; Kelly, M.A.; and Gotlin, R.: Influence of Graft Diameter on Knee Stability: KT Arthrometry Study. Poster Exhibit at the AOSSM 22nd Annual Meeting, Buena Vista, Florida, June 17, 1996

Archer, J.M.; **Scuderi, G.R.;** Scott, W.N.; Gotlin, R.S.: Functional Results of Arthroscopic ACL \ PCL Reconstruction with Allografts and an Accelerated Rehabilitation Program. Poster Exhibit at the AAOS 64th Annual Meeting, San Francisco, California, February 16, 1997

Goldfarb, S.J.; Bullek, D.; **Scuderi, G.R.;** Insall, J.N.: The Constrained Condylar Total Knee Arthroplasty for Valgus Deformity in the Elderly Patient. Poster Exhibit at the AAOS 64th Annual Meeting, San Francisco, California, February 16, 1997

Chang, L.; **Scuderi, G.R.;** Insall, J.N.; Archer J.M.: Long-Term Follow-up of Total Knee Arthroplasty in Charcot Arthropathy. Poster Exhibit at The AAOS 64th Annual Meeting, San Francisco, California, February 14, 1997

Math KR, Griffin F, **Scuderi GR,** Insall JN, Weinstein M: Imaging of the Epicondylar Axis of the Distal Femur: Utility in the Assessment of the Painful Total Knee Arthroplasty. Poster Exhibit at the Radiological Society of North America Annual Meeting, Chicago, Illinois, November 1997

Math KR, **Scuderi GR,** Inglis AE Sr, Inglis AE Jr, Jaffe F: Imaging Spectrum of Polyethylene Complications in Total Joint Arthroplasty. Poster Exhibit at the Radiological Society of North America Annual Meeting, Chicago, Illinois, November 1997

(RSNA Certificate of Merit)

Insall, J.N.; **Scuderi, G.R.**; Pederen, H.B.; Schwinn, E.R.: Flexion Instability in Total Knee Arthroplasty. Video Presentation at the AAOS Annual Meeting, New Orleans, LA, March 19 -23, 1998

Colman, W; **Scuderi, GR**; Insall, JN; Pederson, H.: Principles of Revision Total Knee Arthroplasty. Interactive Tutorial. A multimedia presentation. The AAOS Annual Meeting, Orlando, Florida, March 15 – 19, 2000

Brassard, M; **Scuderi, GR**; Insall, JN: The Insall Burstein II Total Knee Arthroplasty: A Ten Year Minimum Follow-up. Poster Exhibit at The AAOS Annual Meeting, Orlando, Florida, March 15 – 19, 2000

Saleh, K; et al: Severity Index for Failed Total Knee Arthroplasty. Poster Exhibit at The AAOS Annual Meeting, Orlando, Florida, March 15 – 19, 2000

Jain, S; **Scuderi, GR**; Insall, JN; et.al.: Knee Arthritis Following Infection Treated with Two Stage Arthroplasty. Poster Exhibit at The AAOS Annual Meeting, Orlando, Florida, March 15 – 19, 2000

Easley, ME; Insall, JN; **Scuderi, GR**: Results of Primary Constrained Condylar Knee Arthroplasty for Knee Arthritis Associated with Valgus Deformity, Poster Exhibit at The AAOS Annual Meeting, Orlando, Florida, March 15 – 19, 2000

Math, KR; Schwartz, JB; Katz, DS; **Scuderi, GR**; Harwin, S; Cushner, FD: CT Evaluation of the Painful Total Knee Replacement: Spectrum of Imaging Abnormalities. Poster Exhibit at the 86<sup>th</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 26 – December 1, 2000

Math, KR; Schwartz, JB; Katz, DS; **Scuderi, GR**; Harwin, S; Cushner, FD: Utility of CT for Evaluation of the Painful Total Knee Replacement: Analysis of 110 Studies. Poster Exhibit at the 86<sup>th</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 26 – December 1, 2000

Tchejeyan, GH; **Scuderi, GR**; Cushner, FD; Scott, WN; Insall, JN: The Long Term Results of Cemented Posterior Stabilized Total Knee Arthroplasty in Patients Less Than Fifty-five Years of Age. Poster Exhibit at the 68<sup>th</sup> Annual AAOS Meeting, San Francisco, CA, Feb. 28 – March 4, 2001

Dennis, DA; Komistek, RD; **Scuderi, GR**; et.al.: In Vivo 3D Determination of Kinematics for Subjects Having a Normal Knee, Unicompartmental or Total Knee Arthroplasty. Scientific Exhibit at the 68<sup>th</sup> Annual AAOS Meeting, San Francisco, CA, Feb. 28 – March 4, 2001

Colman, W; **Scuderi, GR**; Pedersen, HB: Interactive Total Knee Arthroplasty. Multi-media presentation at the 68<sup>th</sup> Annual AAOS Meeting, San Francisco, CA, Feb. 28 – March 4, 2001

Arsht SJ, Rosen AL, Scott WN, **Scuderi GR**, Cushner FD: Maximizing Perioperative Blood Levels and Minimizing Blood Transfusions – A Comparison of Two Techniques in a High Risk Population. Poster Exhibit at the AAOS Annual Meeting, New Orleans, LA, February 5 – 9, 2003

Math KR, **Scuderi GR**, Clarke HD, Scott WN, Insall JN: CT Assessment of Rotational Alignment of the Femoral Component in Total Knee Arthroplasty: Clinical Utility and Technical Considerations. Poster Exhibit at the Annual Meeting of the Radiology Society of NA, Chicago, IL, November 30 – December 5, 2003

Brown EC, **Scuderi GR**, Scott WN, Cushner FD, Insall JN: Simultaneous Bilateral Total Knee Arthroplasty: Safety, complications and outcomes. Poster exhibit at the 71st Annual AAOS Meeting. San Francisco, CA, March 10 – 14, 2004

Clarke HD, **Scuderi GR**: Soft Tissue Balancing with the Pie Crust Technique in Valgus Knees in TKR – An In vivo study. Poster exhibit at the 71st Annual AAOS Meeting. San Francisco, CA, March 10 – 14, 2004

Baldini A, **Scuderi GR**, Aglietti P, Insall JN, Chalnack DL: Effect of Posterior Cruciate Ligament and Posterior Osteophytes on Gap Changes in Total Knee Arthroplasty. Scientific exhibit at the 71st Annual AAOS Meeting. San Francisco, CA, March 10 – 14, 2004

Laskin RS, Tria AJ, Haas SB, Windsor RE, **Scuderi GR**: Minimally Invasive Knee Replacement. Scientific exhibit at the 71st Annual AAOS Meeting. San Francisco, CA, March 10 – 14, 2004

Clarke HD, Fuchs R, **Scuderi GR**, Scott WN: Femoral component design change and the incidence of patella clunk in PS TKA. Poster Exhibit at the 72<sup>nd</sup> Annual AAOS Meeting, Washington, DC, February 23- 27, 2005

Komistek RD, **Scuderi GR**, Sechriest VF: In vivo 3D kinematics in patients with the LPS High Flex Total Knee Arthroplasty. . Poster Exhibit at the 72<sup>nd</sup> Annual AAOS Meeting, Washington, DC, February 23- 27, 2005

Scuderi GR, Komistek RD, Dennis DA, etal: Kinematic performance comparison for traditional and high flexion TKA. Poster exhibit at AAOS Annual Meeting, San Diego, CA, February 14 - 17, 2007

Leszko F, Sharma A, Komistek RD, Cates HE, Scuderi GR: Comparison of High Flexion TKA Patellofemoral Kinematics. Poster exhibit at AAOS Annual Meeting, San Diego, CA, February 14 - 17, 2007

Kim RH, Scuderi, GR, Cushner FD, etal: The use of lidocaine with epinephrine injection reduces blood loss in MIS TKA. Poster exhibit at AAOS Annual Meeting, San Diego, CA, February 14 - 17, 2007

Sharma A, Leszko F, Komistek RD, Cates HE, Scuderi GR. Comparison of patellofemoral mechanics for high flexion TKA and Normal Subjects. Poster exhibit at the AAOS 75<sup>th</sup> Annual Meeting, San Francisco, CA March 5-9, 2008

Zingde SM, Dennis DA, Scuderi GR, Argenson JN, Komistek RD. In vivo analysis of knee kinematics for subjects implanted with various high flexion TKA designs. Poster exhibit at the AAOS 75<sup>th</sup> Annual Meeting, San Francisco, CA March 5-9, 2008