RESEARCH PUBLICATIONS

- Mid-term Results of Anatomic Total Shoulder Arthroplasty with a Third-Generation Implant
  - Published: Journal of Shoulder and Elbow Surgery, 2018

- Value Comparison of Humeral Component Press-Fit and Cement Techniques in Reverse Shoulder Arthroplasty
  - Published: Journal of Shoulder and Elbow Surgery, 2018

- Predicting Outstanding Results After Anatomic Total Shoulder Arthroplasty Using Percent of Maximal Outcome Improvement
  - Published: Journal of Shoulder and Elbow Surgery, 2018

- Clinical and Radiographic Outcomes of Primary Monoblock Inset Reverse Shoulder Arthroplasty
  - Submitted for publication: Journal of Shoulder and Elbow Surgery, 2018

- The Procedure Value Index (PVI): A New Method for Quantifying Value in Shoulder Arthroplasty
  - Published: Journal of Shoulder and Elbow Surgery, 2018

- Effect of Opioid Dependence or Abuse on Prolonged Opioid Use After Shoulder Arthroplasty
  - Published: World Journal of Orthopedics, 2018

- Morbid Obesity and 1-Year Cost after Elbow Dislocation
  - Published: Journal of Orthopaedics, 2018

- Pre-operative Opioid Use Among Shoulder Arthroplasty Patients Predicts Prolonged Post-Operative Opioid Use
  - Submitted for publication: Journal of the American Academy of Orthopaedic Surgeons, 2018

- Effect of Biceps Tenodesis on Speed of Recovery After Arthroscopic Rotator Cuff Repair
  - Submitted for publication: Arthroscopy: The Journal of Arthroscopic and Related Surgery, 2018

- A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
  - Submitted for publication: British Journal of Sports Medicine, 2018

- Association of Percent of Maximal SST and ASES Improvement with Excellent Patient Satisfaction Following Shoulder Arthroplasty
  - Submitted for publication: Journal of Shoulder and Elbow Surgery, 2017

- Guillain-Barre Syndrome after Total Knee Arthroplasty
  - Mijic, D.
  - Submitted for publication: American Osteopathic Academy of Orthopedics, 2016
Improving Acetabular Cup Positioning using Intra-Operative Fluoroscopic Overlay Templating in Supine Skeletal Model

- Allen, M.; Ferguson, A.; Swartz, J.; Shaw, M.; Molly, R.; Mijic, D.
- Submitted for publication: American Osteopathic Academy of Orthopedics, 2015

BOOK CHAPTERS

- Complex and Revision Shoulder Arthroplasty: An Evidence-Based Approach to Evaluation and Management, Springer, 2019
  - Chapter: Computer Assisted Planning and Patient Specific Instrumentation (PSI) in Shoulder Arthroplasty
  - Mijic, D.; Levy, J.

  - Chapter 45: Femoral Tunnel Creation Using the Zimmer Biomet SwitchCut Femoral Aimer
    - Michaelson, J.; Mijic, D.
  - Chapter 74: Utilizing the ComposiTCP Screw for the Interference Screw Fixation
    - Michaelson, J.; Mijic, D.

SCIENTIFIC RESEARCH PRESENTATIONS

- Mid-America Orthopaedic Association Annual Meeting 2018, San Antonio, TX
  - Podium Presentation: Association of Percent of Maximal SST and ASES Improvement with Excellent Patient Satisfaction Following Shoulder Arthroplasty

- San Diego Shoulder Institute Annual Meeting ASES Fellow's Symposium 2018, San Diego, CA
  - Podium Presentation: Effect of Biceps Tenodesis on Speed of Recovery After Arthroscopic Rotator Cuff Repair

- Southern Orthopaedic Association Annual Meeting 2018, Palm Beach, FL
  - Podium Presentation: Thresholds in Percentage of Maximal Outcome Improvement Following Shoulder Arthroplasty

- Southern Orthopaedic Association Annual Meeting 2018, Palm Beach, FL
  - Podium Presentation: Pre-Operative Opioid Use Among Shoulder Arthroplasty Patients Predicts Post-Operative Use

- Southern Orthopaedic Association Annual Meeting 2018, Palm Beach, FL
  - Scientific E-poster: The Procedure Value Index (PVI): A New Method for Quantifying Value in Shoulder Arthroplasty

- Mid-America Orthopaedic Association Meeting 2018, San Antonio, TX
  - Podium Presentation: A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
- Michigan Orthopaedic Society Meeting 2018, Mackinac Island, MI
  - Podium Presentation: A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
  - **Mijic, D.**; Andercovich, C.J.; Yokhana, S.S.; Cavanaugh, J.M.; Chen, C.; Kalra, K.

  - Podium Presentation (3rd place): A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
  - **Mijic, D.**; Andercovich, C.J.; Yokhana, S.S.; Cavanaugh, J.M.; Chen, C.; Kalra, K.

- Detroit Medical Center QuESST Research Day 2017, Detroit, MI
  - Poster Presentation: A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
  - **Mijic, D.**; Andercovich, C.J.; Yokhana, S.S.; Cavanaugh, J.M.; Chen, C.; Kalra, K.

- St. John Providence Health System Research Day 2017, Madison Heights, MI
  - Podium Presentation: A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
  - **Mijic, D.**; Andercovich, C.J.; Yokhana, S.S.; Cavanaugh, J.M.; Chen, C.; Kalra, K.

- Michigan State University Scientific Research Exhibit Competition 2017, Lansing, MI
  - Podium Presentation (3rd place): A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Medial Patellofemoral Ligament Reconstruction
  - **Mijic, D.**; Andercovich, C.J.; Yokhana, S.S.; Cavanaugh, J.M.; Chen, C.; Kalra, K.

- 18th EFORT Congress 2017, Vienna, Austria
  - Poster Presentation: Does Anterior Minimally Invasive Surgery (AMIS) for Primary Hip Replacement Provide Patients Faster Recovery in Comparison with Standard Approaches? A Current Literature Review
  - Alkhatib, L.; Morris, D.; Quint, U.; **Mijic, D.**

- St. John Providence Health System Research Day 2015, Madison Heights, MI
  - Podium Presentation (1st Place): Improving Acetabular Cup Positioning using Intra-Operative Fluoroscopic Overlay Templating in Supine Skeletal Model
  - Allen, M.; Ferguson, A.; Swartz, J.; Shaw, M.; Molly, R.; **Mijic, D.**

- 13th Annual International Conference on Training Athletes 2015, Zagreb, Croatia
  - Podium Presentation: Integration of Suspension Bands and Resistance Cords in the Development of Physical Fitness
  - **Mijic, D.**; Mijic, Z.; Mijic, K.

### FDA TRIAL PARTICIPATION

- **OrthoSpace InSpace™ Device**
  - The purpose of this prospective, single blinded, multi-center, randomized, controlled, pivotal study is to assess the safety and effectiveness of the InSpace™ device for the treatment of full thickness massive rotator cuff tears

- **Pyrocarbon IDE Study**
  - The purpose of this prospective, single-arm, multi-center study is to demonstrate safety and
effectiveness of the Aequalis Pyrocarbon Humeral Head in hemiarthroplasty at 24 months

- Post-Market Evaluation of the Rotation Medical Rotator Cuff System
  - The purpose of this prospective, non-randomized, post-market study is to evaluate bioinductive properties and tendon healing after implantation of the Rotation Medical Bioinductive Implant used as either a standalone device or adjunct to surgical repair in the treatment of supraspinatus tendon tears

- A Study of the Comprehensive Shoulder System with nano Humeral Component in Total Shoulder Arthroplasty
  - The purpose of this prospective, multi-center randomized, single blinded, controlled study is to determine if the safety and effectiveness of the stemless shoulder device is comparable to the mini stem shoulder device