

**MICHIGAN SPINE SURGERY**  
**IMPROVEMENT COLLABORATIVE**



**AUGUST 28, 2020**  
**VIRTUAL STATEWIDE MEETING**  
**AGENDA**

# IMPROVING OUTCOMES THROUGH MINIMALLY INVASIVE SURGERY (MIS)

**Mick Perez-Cruet, MD**



**Beaumont**  
Royal Oak

Dr. Perez-Cruet is an internationally-recognized pioneer in the treatment of spinal disorders through the use of minimally-invasive surgical techniques. A minimally invasive textbook author, Outpatient Spinal Surgery, and his most recent textbook, Minimally Invasive Spine Fusion: Techniques and Operative Nuances, his work has resulted in an improved quality of life for many patients. He also leads the Minimally Invasive Neurosurgical Society, a national association.

# IMPLICIT BIAS IN HEALTHCARE AND DISPARITIES OUTCOMES

**Karolina Skryzpek, MD**  
Medical Director,  
Provider Engagement

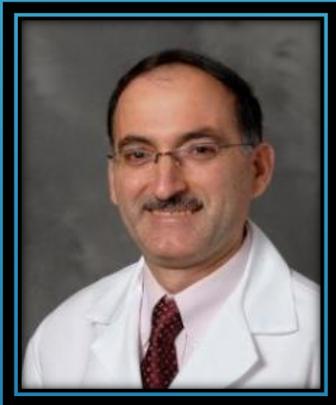


Implicit bias are the beliefs and partialities we hold that impact the way we interact, engage and make decisions with the world around us. Implicit biases are most often different from our outward beliefs as they reside in the subconscious. Everyone possesses this type of bias, but most do not recognize and understand the impact it has on their personal and professional lives.

During this presentation, we will discuss the presence of implicit bias in health care and other settings, how it impacts providers' decision-making and, ultimately, how it affects patients' health outcomes.

# MSSIC STATEMENT - IMPLICIT BIAS IN HEALTHCARE AND DISPARITIES OUTCOMES

**Muwaffak Abdulhak,**  
**MD, FRCS(C)**  
**MSSIC Director**



While all human beings engage in conscious, as well as unconscious evaluative processes, MSSIC is determined to successfully address issue. This will be accomplished through greater awareness of the pervasiveness of disparities, the ways in which bias can influence clinical decision making and behavior, and a commitment to acquiring the skills to minimize these behaviors. Dr. Abdulhak will briefly summarize MSSIC's stance on this issue.



# RACIAL DISPARITIES IN OUTCOMES AFTER SPINE SURGERY: A MSSIC STUDY

**Victor Chang, MD**  
**MSSIC Co-director**



Following the presentation by Dr. Skryzpek, we will review a study using MSSIC data. This study considers the relationship between race and the 1 and 2-year patient reported outcomes (PROs) of satisfaction, MCID for ODI, depression, and return to work. Additionally, we will review the relationship of education on outcomes, both clinical and PROs.

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# METRO HEALTH SITE FEATURE: COMMUNICATING DATA AND QI INITIATIVES TO IMPROVE ENGAGEMENT AND MOVE INITIATIVES FORWARD

**Justin Clark, MD**



**Brooke Byrne, BS, MSN, RN**



Surgeon Champions and MSSIC Abstractors can have a positive impact on hospital culture and engagement when it comes to consortium QI. Dr. Justin Clark and Brooke Byrne are going to share how they improved engagement and buy in for MSSIC initiatives and how communicating the right information, in the right way, to the right audience, does make a difference.

# BEAUMONT ROYAL OAK SITE FEATURE: RAISING THE BAR TO REDUCE URINARY RETENTION

Rebecca Livingston, MSN, RN



Katie Wilson, BSN, RN



Beaumont Royal Oak successfully implemented ambulation within 4 hours of floor arrival, changed the practice of intra-operative urinary catheter insertion, and implemented prompt removal of catheters placed in either the OR or PACU. The impact on urinary retention was significant. Rebecca Livingston and Katie Wilson will share how these new, standards of care were implemented.



# SSI PREVENTION STRATEGIES

Ilyas Aleem, MD



Prevention of SSI following spine surgery is multifactorial and begins with careful patient selection, preoperative optimization, and meticulous attention to numerous surgical factors. With careful attention to various patient and surgeon factors, it is possible to significantly reduce SSI rates following spine surgery.

## Surgical Site Infection Prevention Following Spine Surgery

**Ilyas S. Aleem, MD, MS, FRCSC<sup>1</sup>** , **Lee A. Tan, MD<sup>2</sup>,**  
**Ahmad Nassr, MD<sup>3</sup>,** and **K. Daniel Riew, MD<sup>4</sup>**

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