

# *Perioperative Orthopedic Quality & Safety Newsletter*

**A Newsletter from the Columbia Orthopedics Quality Team**

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Hello from the team at Columbia Orthopedics! We are pleased to share our reading list for this month, with some insightful articles on reckoning with surgery's complex past, promoting innovation adoption in the field, and empowering the next generation of leaders through quality and safety principles. Happy reading!

**- Columbia Orthopedics Quality Team**

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## **Reading List**

### **JAMA Surgery**

[Empowering Resident Physicians to Lead by Teaching Principles of Quality and Safety in Surgery](#) (Mavroudis, Dowzicky, & Kelz)

This article discusses a Wellness and Quality curriculum for general surgery residents to develop an understanding of key quality improvement principles and methodology through a personal wellness intervention.

[Equity and Artificial Intelligence in Surgical Care](#) (Johnson-Mann, Loftus, & Bihorac)

The authors discuss the threats implicit bias can bring into surgical care and further delve into how decision-support tools can exacerbate health disparities when artificial intelligence models are established without accounting for these implicit biases.

### **Annals of Surgery**

[What Promotes Surgeon Practice Change? A Scoping Review of Innovation Adoption in Surgical Practice](#) (Arroyo et al.)

Arroyo et al. summarize the existing literature on surgical innovation and factors that promote or prevent practice change. Adoption of new innovation is connected to having a conducive work environment with the appropriate resources needed to sustain change, along with the skills and motivation brought by individual surgeons.

[A Complex History: Reckoning with Prejudice in Surgery's Past](#) (Blitzer, Coleman, & Amory)

This article details the legacy of prejudice among pioneers of surgery, while also aiming to highlight the major contributions to the field from members of minority communities who are not as often recognized in surgical history.

**Surgery**

[Utilization of a Quality Reporting System to Increase Faculty Participation in Resident Operative Assessment](#) (Naples et al.)

Naples et al. discuss the use of a resident operative performance assessment and its impacts on faculty participation in a quality reporting system tracking surgical outcomes at their hospital. This model offers a unique method of increasing faculty engagement and obtaining feedback to support resident progression.