Gender equality challenges in orthopaedic surgery: A systematic review

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urgery?

Studies included in review (n = 59)

Discussing differences among nurses (n =



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Introduction **Physicians** ruon or women who keceived runding t Harrison and a second s Attend a Ruth Jackson Orthopaedic Society Meeting Pursued a Career in Orthopaedics? an a Strategic Pipeline initiative increase the number o Vomen and Underrepresented Minorities in Orthopaedic omen in Medicine and Patient Outcomes: Equal Rights for Better Work? The Perry Initiative's Impact on Gender Diversity Within Orthopedic Education Materials & Methods Search Strategy Inclusion criteria Exclusion criteria Embase i. comorbidities in which gender is differ considered a prover difference different gender ratio (i.e prospective or female/male) #1 is orthopedic commonly orthopaedic acknowledged orthop* v. final results presented iv. experts' opinior aender aap is not a random Results (1) Identification of studies via databases and register 692,435 Discussion Sub-specialty N (%) 723, IQR: Records screened (n = 545) Records exclude (n = 408) Reports sought for ref (n = 137) Reports not retrieved (n = 9) Spine surger Reports excluded: Language (n = 1.) Paediatric orthopaedi Musculoskeleto

N (%) Targeted issue factor influencing workload, income and salary 4 (6.8%) 5 (8.5%) carrier choices employment offers academic and leadership perspectives 6 (10.2%) were evaluating generally the gender diversity

Patients		
	Targeted issue	N (%)
possible obstacle to safe treatment		8(13.56%)
risk factor for the studied pathology		13 (22.1%)
a prognostic factor influencing the progression of the pathology or the success of treatment		14 (23.7%)

WOW MEETING SOCIAL SECURITY

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Association of Surgeon-Patient Sex Concordance With Postoperative Outcomes



Leverage and Torque For the Win

Results (2)

- Orthopaedic surgery is described as an unfriendly career field for women as surgeons or sports leading physicians while women are generally underrepresented in the academic field of orthopaedics. Regarding patients, female gender consists both a risk and prognostic factor influencing the prevalence of degenerative disease and the outcome of the operative treatment in reconstructive orthopaedics.
- Female gender is a risk factor for multiple sports injuries and influences the pathogenetic mechanisms resulting in ACL reconstruction. Regarding spine surgery, women are less likely to have surgery suggested, and such suggestion underlines severe disease's progression.





Conclusions

Gender differences affect orthopaedic patientphysician-healthcare system interactions. Recognizing biases and their patterns is useful to improve the actual situation. By preventing those an unbiased, tolerant, and egalitarian workplace for physicians and a healthcare system that provides the best treatment to patients could be created.

