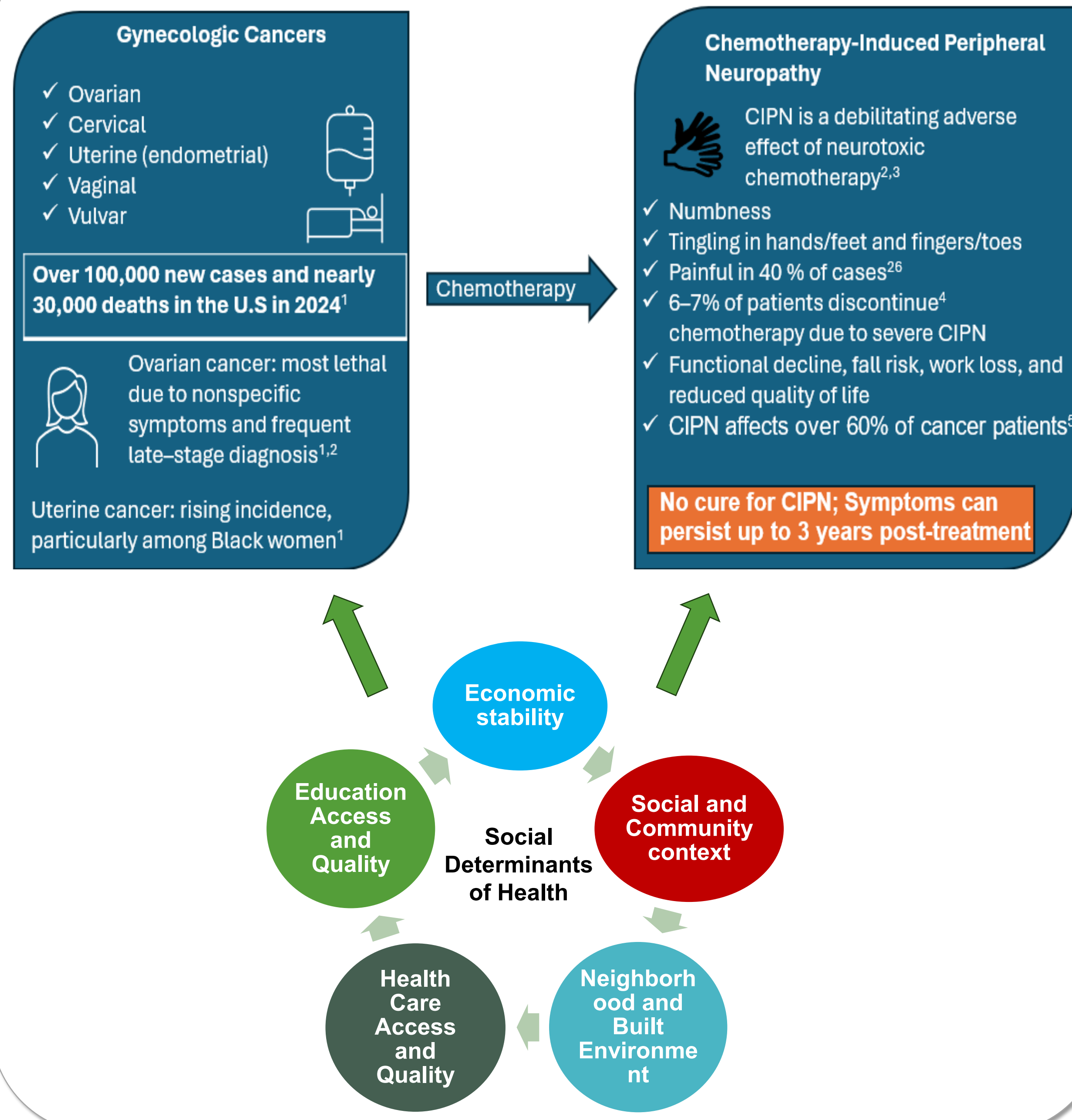


Exploring Social Determinants of Health Factors Associated with Chemotherapy-Induced Peripheral Neuropathy Severity in Patients Diagnosed with Gynecological Cancers: An Integrated Review of Literature

Chisom O. Odii, BSN & Ellen Lavoie Smith, PhD, MSN, RN, AOCN®, FAAN

Background



Objective

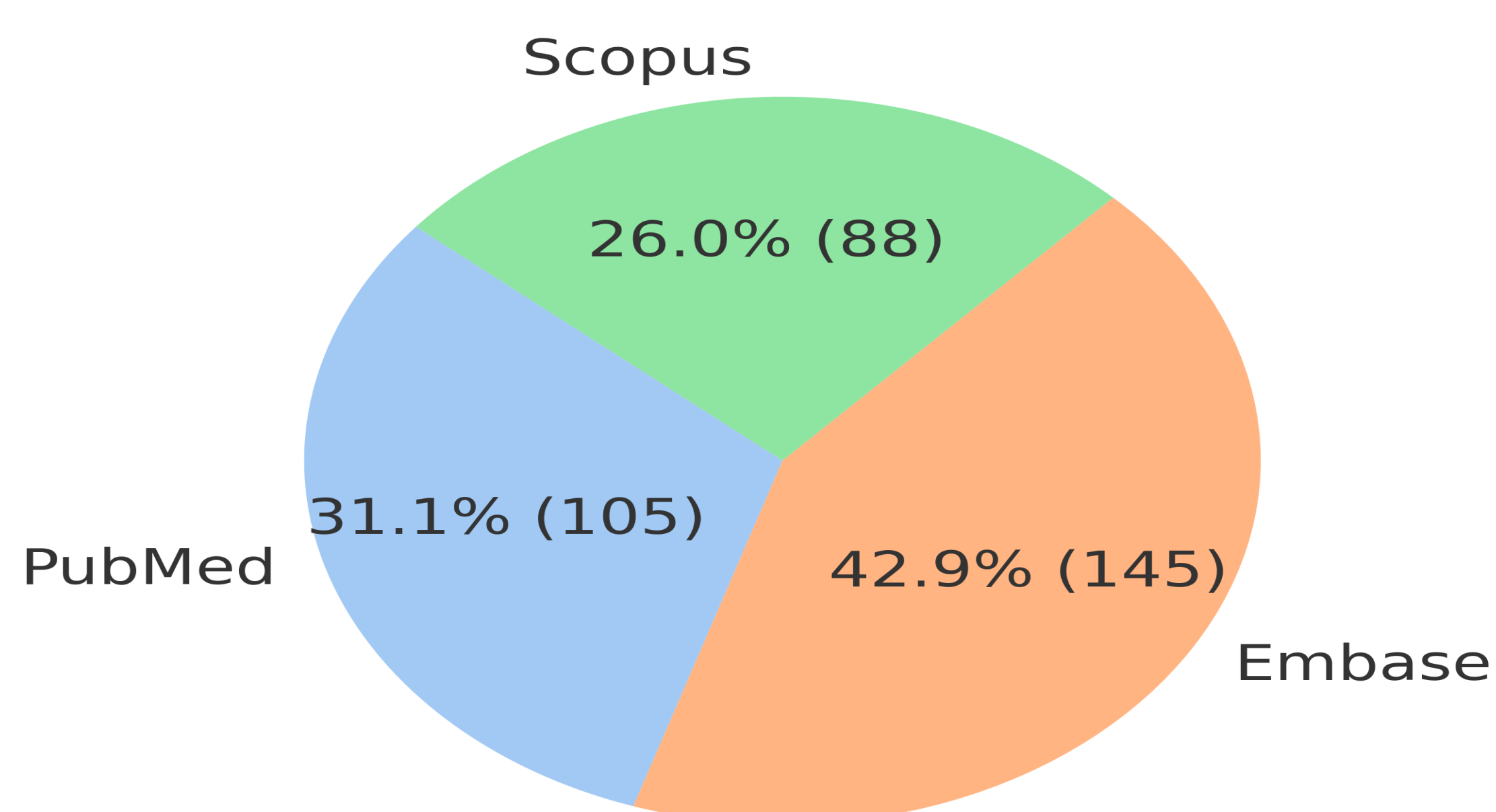
To synthesize the existing literature and to identify methodological and conceptual gaps for future research.

Methods

This review adopted the five-stage framework of Whittemore and Knafl

Database

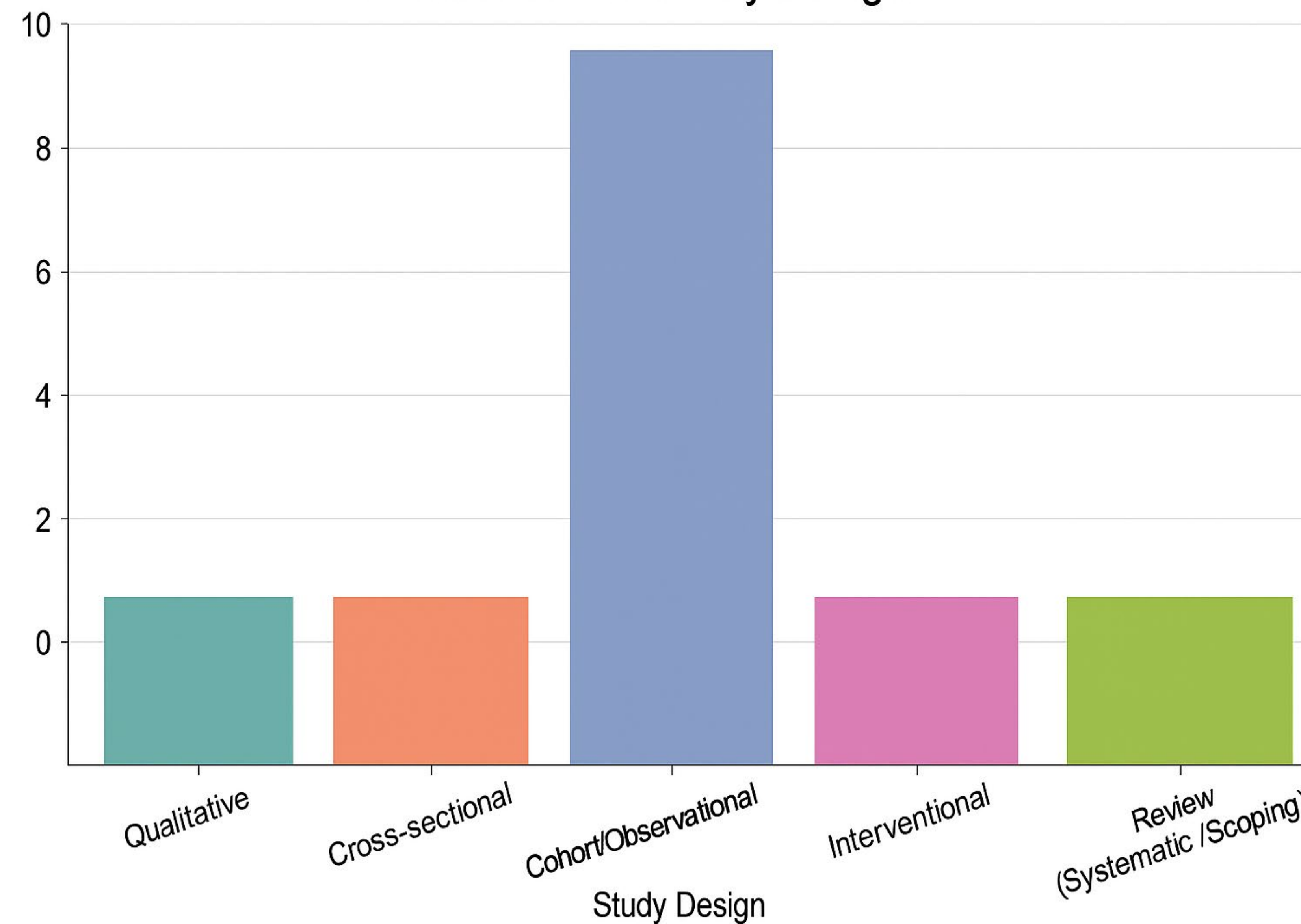
Initial Search Results by Database (N = 338)



Results

Summary of Included Studies by Design

Number of Studies by Design



Summary of Included Studies by Key Synthesized Findings

Exercise helps; trials lack diversity & consistency

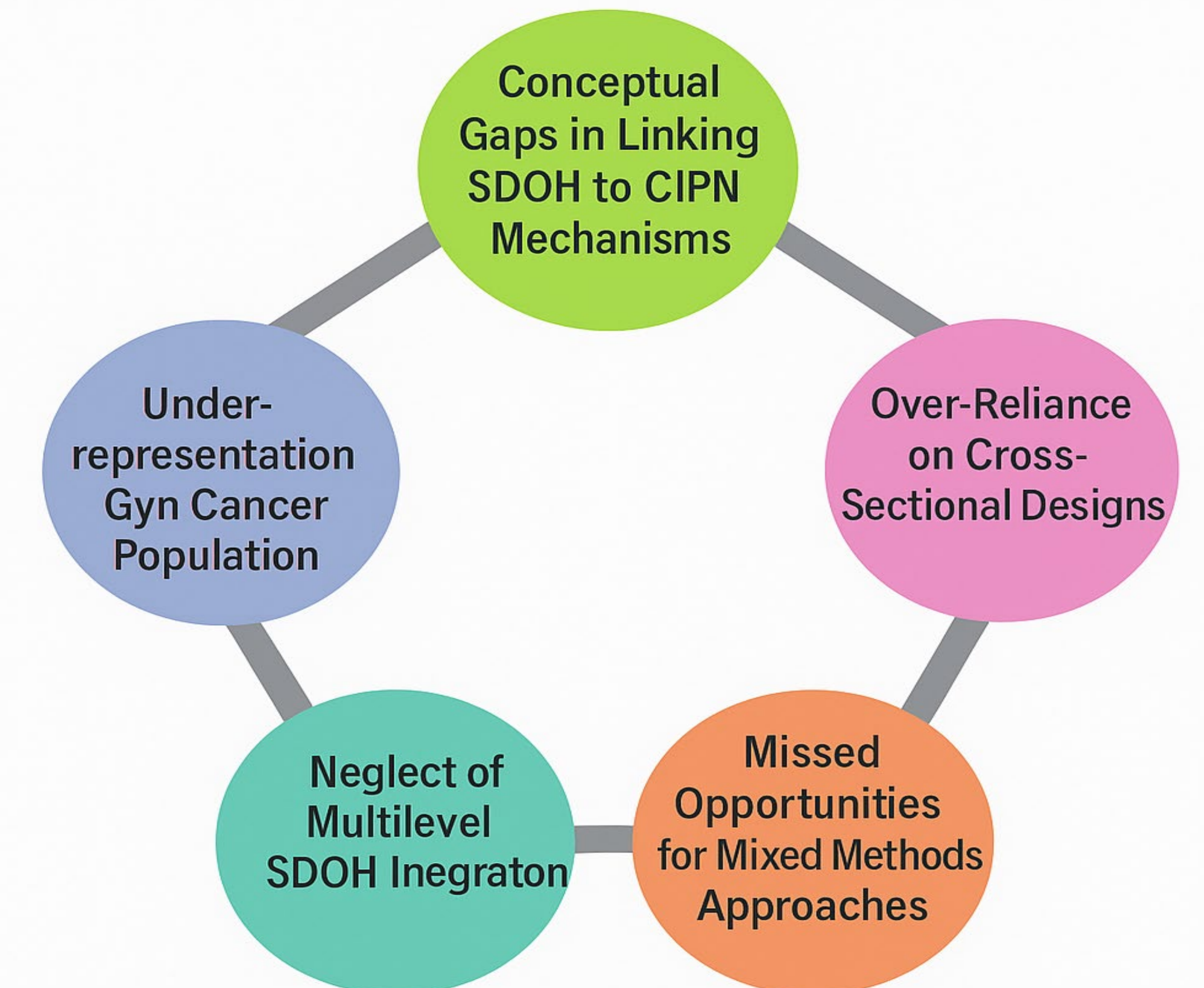
Exercise & education reduce CIPN symptoms

Age, duration & access impact CIPN severity

Stress & low education linked to CIPN burden

Unpreparedness due to poor CIPN communication

Discussion



Research Implications

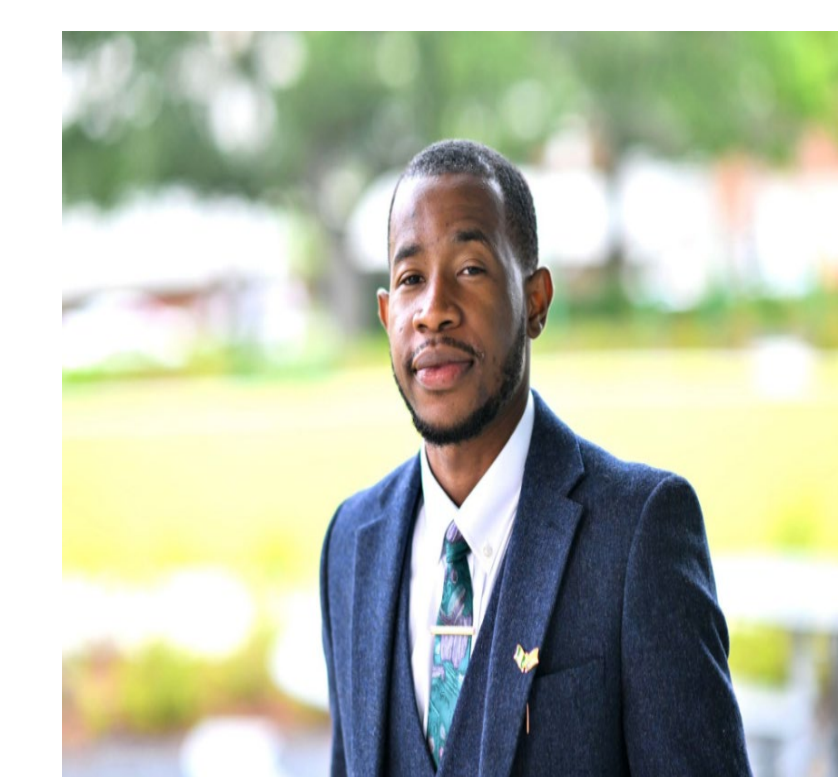
- 1 Significant gap in understanding how SDOH, such as stress, education, and healthcare access, affect the severity of CIPN in gynecologic cancer patients.
- 2 Most studies rely on cross-sectional designs and overlook the lived experiences and contextual challenges faced by patients.
- 3 Future research should adopt mixed-methods approaches that integrate multilevel SDOH measures to uncover the mechanisms behind disparities and guide the development of equitable, patient-centered interventions.

Conclusion



SDOH plays a critical but underexplored role in shaping CIPN outcomes in gynecologic cancers.

Contact Me



Chisom O. Odii, BSN
PhD Student
UAB School of Nursing
codii@uab.edu

References

