

All

ofUS

Stress in Diverticular Disease: A Comparative Study

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 Those identifying as multiracial had elevated stress levels, with a median (5.2) just below that of White participants (5.4).



DISCUSSION

This study highlights the psychological impact of diverticular disease (DD), showing significantly higher perceived stress (PSS) in diverticular disease patients compared to those without, aligning with prior research on chronic GI conditions and emotional distress. ^{5,6} Notably, stress levels did not vary with disease severity, suggesting that the diagnosis itself may be psychologically taxing.

Racial and ethnic differences in stress were observed. While studies typically show higher stress in Black and Hispanic populations due to systemic inequities^{7,8}, White participants reported the highest median PSS scores. This may reflect healthcare expectations, disease perception, or socioeconomic factors.⁹ Hispanic participants exhibited high variability in stress, likely due to cultural and socioeconomic diversity. Multiracial individuals also showed elevated stress, consistent with research on the challenges of navigating multiple racial identities.¹⁰

The cross-sectional design captures only a snapshot of stress, without accounting for disease duration or coping over time. Additionally, imbalances in group sizes and the lack of exploration of social factors such as income, education, or access to care may have influenced the patterns of perceived stress observed. Despite these, the findings underscore the need for addressing both medical and psychosocial needs, particularly in racially diverse chronic illness populations.

CALL TO ACTION

Given the role that stress plays in exacerbating both the physical and emotional challenges of this disease, it is essential to address stress management as part of a holistic treatment plan to improve overall patient outcomes:

Provide Screening for Stress Levels Regular use of validated mental health screening tools is recommended for patients with chronic conditions like diverticular disease, as studies show stress and reduced quality of life are common and screening improves patient-reported outcomes.¹¹

Encourage Interdisciplinary Care and Tailored Referrals

Building interdisciplinary teams that include culturally competent mental health professionals improves patient engagement and outcomes, particularly in diverse populations experiencing high stress.¹²

Acknowledgements: I gratefully acknowledge All of Us participants for their contributions, without whom this research would not have been possible. I also thank the National Institutes of Health's All of Us Research Program for making available the participant data and cohorts examined in this study. This study used data from the All of Us Research Program's Registered Tier Dataset v7, available to authorized users on the Researcher Workbench.

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