Investigating Factors Associated with Sexual Resilience in the Endometriosis Population

PTH344



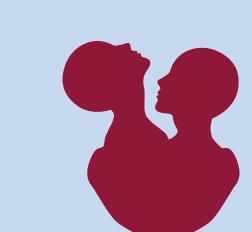




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Introduction

- Endometriosis is a chronic, relapsing, and progressive condition which is characterised by the presence of tissue similar to the endometrial lining of the uterus growing in other body sites^{1,2}.
- Endometriosis is commonly characterized by *life-altering pain*³ and is associated with negative physical, mental, emotional, sexual, and social outcomes⁴.
- Research has demonstrated that higher levels of fear of pain and pain catastrophizing, and lower levels of trait resilience and selfefficacy, are reliable correlates of poorer quality of life in individuals with endometriosis^{5,6}.
 - Few studies have addressed *sexuality-related* variables in the endometriosis population despite the well-known relationship between sexual health and quality of life.

Objectives & Hypotheses

 Examine the relationships among pain intensity, pain catastrophizing, pain self-efficacy, sexual self-consciousness, and sexual distress in a sample of individuals with confirmed or suspected endometriosis.

H1: Higher levels of pain intensity will be associated with higher levels of pain catastrophizing, sexual self-consciousness, and sexual distress, and lower levels of pain self-efficacy.

H2: Higher levels of pain catastrophizing will be associated with higher levels of sexual self-consciousness.

H3: Higher levels of pain self-efficacy will be associated with lower levels of pain catastrophizing.

Methodology

PROCEDURE

- Conducted online
- Recruited individuals with a confirmed or suspected diagnosis of endometriosis
- Data collected from February 2021 May 2022
- Associations among variables examined via correlational analyses (Pearson's r)

Methodology

MEASURES

- Questions assessing sociodemographic, medical and pain history
- Pain Self Efficacy Questionnaire (PSEQ)⁷
- Pain Catastrophizing Scale (PCS)⁸
- Sexual Self-Consciousness Scale (SSCS)⁹
- Sexual Distress Scale (SDS) ¹⁰

PARTICIPANTS

N = 607

- Confirmed Diagnosis: N = 527 (86.6%)
- Suspected Diagnosis: N = 80 (13.2%)

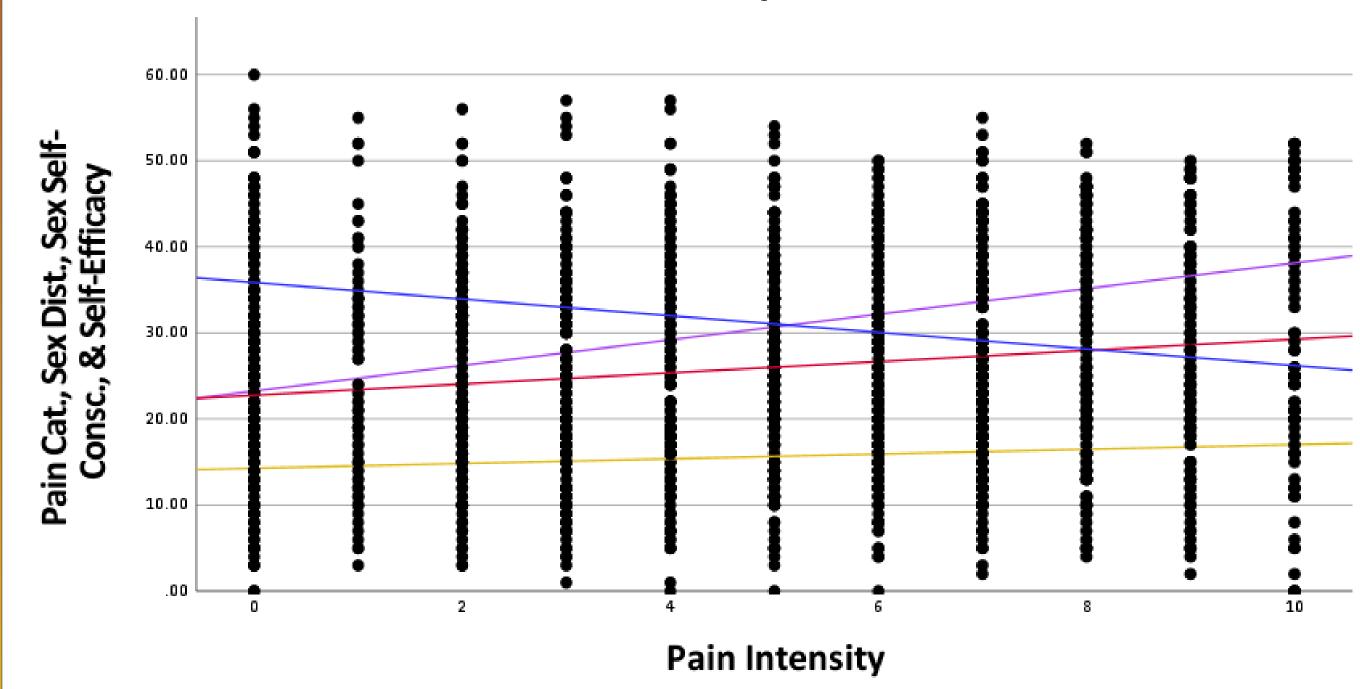
SAMPLE CHARACTERISTICS

- M(age) = 31.22, SD = 6.72
- Caucasian (84.34%, N = 512)
- Assigned Female Sex At Birth (98.8%, N = 600)
- Cisgender Woman (92.30%, *N* = 560)
- Heterosexual (76.40%, N = 463)
- Pain Experienced Due to Endometriosis: Yes (84.0%, N = 507)
- Most Painful Location: Abdominal Wall (72.20%, N = 443)

Results

H1: Supported

Scatter Plot of Pain Cat., Sex Dist., Sex Self-Consc., & Self-Eff., by Pain Intensity

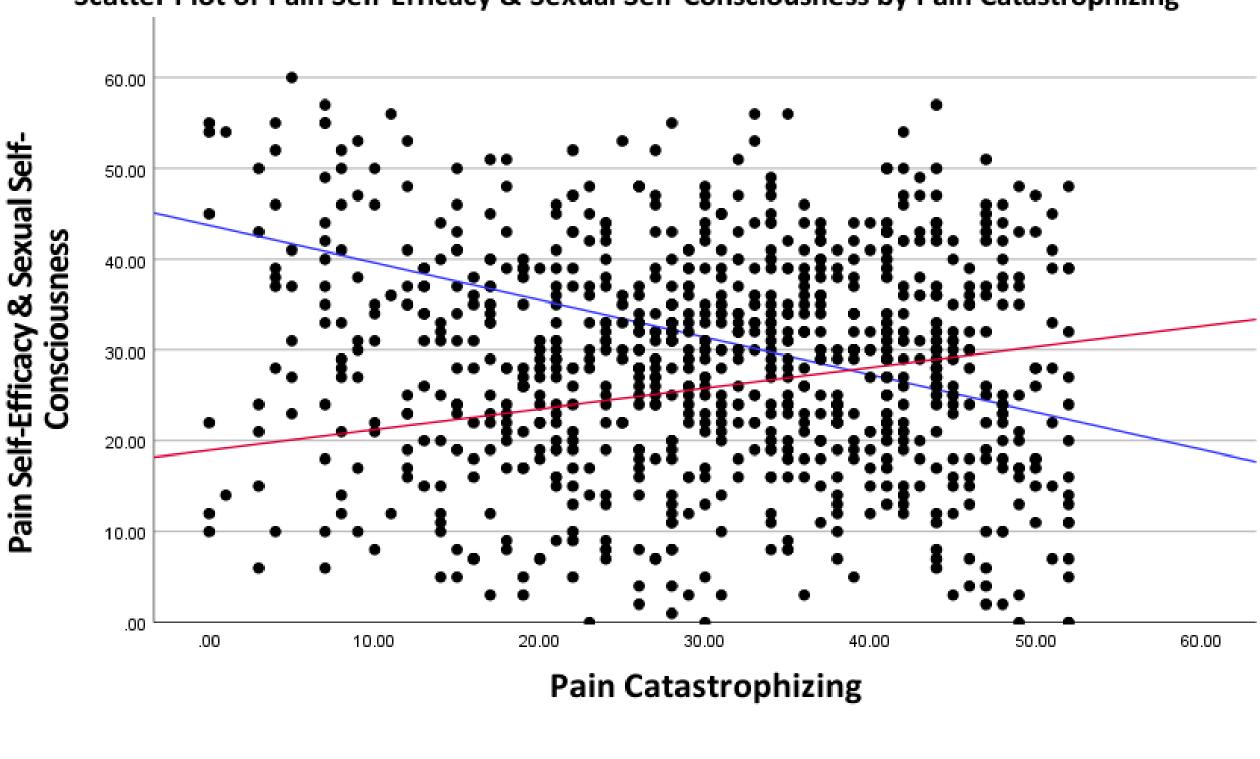


Pain Catastrophizing = PURPLE; Sexual Distress = YELLOW; Sexual Self-Consciousness = RED; Pain Self-Efficacy = BLUE

Results

H2 & H3: Supported

Scatter Plot of Pain Self-Efficacy & Sexual Self-Consciousness by Pain Catastrophizing



Sexual Self-Consciousness = RED; Pain Self-Efficacy = BLUE

Conclusions

- Consistent with predictions, pain intensity was correlated with higher levels of pain catastrophizing, sexual selfconsciousness, and sexual distress, and lower levels of pain self-efficacy; and pain catastrophizing was correlated with both sexual self-consciousness and pain self-efficacy.
- Further research will examine how these variables are related to one another via moderated mediation models in order to ascertain whether adaptive factors (such as pain self-efficacy) account for functional health, independent of vulnerability factors (such as sexual self-consciousness).

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