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## e-Poster Walk: Sexual medicine and mental health/sleep disorders and stress/eating disorders

EW0513

### Dyspareunia after childbirth: Does psychosocial context play a role?

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**Introduction** Dyspareunia is defined as persistent or recurrent genital pain that occurs just before, during or after intercourse. Dyspareunia after childbirth is quite common and have a range of repercussions to women's lives, including their sexual functioning. It could be affected by different risk factors. While role of obstetric factors including mode of delivery has been largely investigated, the influence of psychosocial factors remains unclear.

**Aims** Our purpose was to determine frequency of postpartum dyspareunia and identify related psychosocial factors.

**Methods** Thirty women between 2 and 6 months postpartum were recruited in consultation of maternity and neonatology center of Tunis. Data were taken from medical file and questionnaire designed to record psychosocial data and postpartum sexual function.

**Results** The mean age of women was  $28.74 \pm 8.4$  years. Dyspareunia was reported by 43.33% of women. Dyspareunia was not associated to professional status. On the other hand, dyspareunia was significantly associated to fatigue ( $P=0.024$ ), lack of familial support ( $P=0.03$ ), conjugal conflicts ( $P=0.01$ ).

**Conclusion** We have found an association between dyspareunia after childbirth and several psychosocial factors, pointing out the influence of social and psychological aspects in the sexual function in women. Thus, management of sexual disorders should take in consideration psychological dimension and involve an appropriate psychological care.

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EW0514

### Self-image and risk of suicide in eating disorders

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**Introduction** Suicide risk is increased in eating disorders (ED), and detection is key to prevention. Self-image as operationalized in the structural analysis of social behavior (SASB) model has been shown to be associated with symptoms, treatment dropout, and outcome. SASB is a circumplex organizing self-directed behaviors along affiliation (love vs. hate) and autonomy (set free vs. control) dimensions. In a recent study, SASB related to health care-detected suicide attempts in ED. Methodology in that study ensured high specificity but risked lower sensitivity in suicide variables, and with

such a high-threat outcome, research is needed on additional variables related to risk.

**Objectives and aims** We aimed to study associations between SASB self-image and clinician- and self-rated suicidality at presentation and predicted over 12 months in ED patients.

**Methods** Adult patients ( $n=551$ ) from a Swedish clinical database included 19% anorexia, 32% bulimia, 7% binge ED, and 42% other ED. We ran separate regression models for these diagnostic groups using SASB questionnaire data, also controlling for general psychiatric and ED symptoms, and in longitudinal models including baseline of each outcome.

**Results** SASB alone was associated with suicidality at presentation (9–67% variance explained) and predictively over 12 months (7–29%), and in the majority of models explained additional variance beyond baseline and clinical variables. Both affiliation and autonomy related to dependent variables in diagnosis-specific patterns.

**Conclusions** The findings have implications for both theory and detection tools for suicide risk, as well as suggesting intervention targets to mitigate risk in treatment based on the well-validated SASB theory.

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EW0515

### Rosa Damascena improved sexual dysfunction in males under methadone treatment – results from a double-blind, randomized, placebo-controlled clinical trial

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**Introduction** Patients with severe opioid dependency might be treated with methadone, a pure  $\mu$ -opioid-receptor, with promising results. Though, as for opioids, side effects are high, and among those, sexual dysfunction is among the most disturbing side effects.

**Aims** Investigating the influence of Rosa Damascena oil to improve sexual dysfunction among male methadone users.

**Methods** A total of 60 male patients (mean age: 30 years) with diagnosed opioid dependence and currently under treatment of methadone were randomly assigned either to the verum (Rosa Damascena oil drops) or placebo condition. At baseline, and four and eight weeks later, patients completed self-rating questionnaires covering sexual dysfunction and happiness.

**Results** Over time sexual dysfunction decreased and happiness increased in the verum, but not in the placebo condition.

**Conclusions** Results from this double blind, randomized, and placebo-controlled clinical trial showed that Rosa Damascena oil improved sexual dysfunction and happiness among male opioid addicts while under substitution treatment with methadone.

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