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Randomized Clinical Trial Between Fluoxetine and Dapoxetine for Premature Ejaculation and Its Effect on Marital Relationship. (Article) (Open Access)

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Abstract

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INTRODUCTION: Premature ejaculation(PE) decreases sexual pleasure and quality of life, and both Fluoxetine and Dapoxetine were used in PE therapy. Dapoxetine is the first SSRI with a short half-life and fewer side effects, primarily designed for PE therapy. The aim is to evaluate and compare the effects of Fluoxetine and Dapoxetine on PE symptoms and marital satisfaction. **MATERIALS AND METHODS:** 44 participants aged between 18 and 64 with a PEDT score of ≥ 9 from Hospital USM's Primary-Care-Clinic, Kelantan Malaysia were selected and randomized into two groups: Fluoxetine (FG) and Dapoxetine Group(DG), and administered for 8 weeks with either regular Fluoxetine (20mg) or Dapoxetine (30mg) on-demand at least once a week. Premature Ejaculation Diagnostics Tool(PEDT) score was used to assess PE symptoms and Dyadic Satisfaction-Dyadic Adjustment Scale (DS-DAS) used to evaluate marital satisfaction at baseline and the 8th week. **RESULT:** 22 and 21 participants in FG and DG completed the study. For both groups, PEDT scores decreased substantially [from 11.41 to 5.45($P<0.001$) among FG, from 13.43 to 3.10($P<0.001$) among DG]. After adjustment of the baseline PEDT score, PEDT scores in DG(6.03 vs 2.49, $P<0.001$) were lower at the 8th week. All groups showed significantly improved DS-DAS scores [from 34.50 to 40.68($P<0.001$) in FG, from 36.57 to 44.33($P<0.001$) in DG]. No marked difference in DS-DAS was scored after adjustment of the baseline DS-DAS score(41.13 vs 43.86, $P=0.055$) at the end of the assessment. **CONCLUSION:** Treatment of PE with either Fluoxetine or Dapoxetine decreases PE symptoms and increases marital satisfaction. © 2021. All Rights Reserved.

SciVal Topic Prominence

Topic: Premature Ejaculation | Dapoxetine | Sexual Disorder

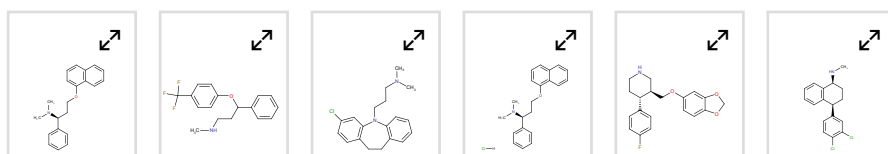
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