

## P03-09 - SEXUAL HEALTH IN PARKINSON DISEASE

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**Introduction:** The impact of Idiopathic Parkinson Disease (IPD) in patient's sexual health is still a matter of debate. Clinicians should have a concern about the sexual function of their patients with IPD.

**Aims:** To evaluate sexual health of patients with IPD.

**Methods:** We randomly select a group of IPD patients and a group of healthy controls. We used the International Index of Erectile Function (IIEF) and the Female Sexual Function Index (FSFI) to assess sexual function. To evaluate depression and anxiety we used Brief Symptom Inventory (BSI) and Beck Depression Index (BDI).

**Results:** We had 83 IPD patients, and 69 controls. Male patients had lower total IIEF scores than controls ( $p < 0,001$ ). The analysis of linear regression shows a relationship between the IIFE and the duration of the disease, the patient age and the BDI score ( $R=0,72$ ; Adjusted R square= $0,49$ ,  $p < 0,001$ ) when adjusted to the variables: realization of deep brain cirurgy of subthalamic nucleus (DBS-STN) stage of the disease, BSI score, dopaminergic treatment, treatment with antidepressives and antipsychotics. The IFSF didn't show differences between the cases and the controls. Patients had higher BSI and BDI scores than controls ( $p < 0,001$ ).

**Conclusions:** Male IPD patients had an impairment of sexual function predicted by disease duration, patient age and BDI scores. Sexual function should be assessed in these patients