Supplementary Data

Included Questionnaires

Sexual functioning was assessed using the Female Sexual Function index (FSFI-9), including six domains (desire, arousal, lubrication, orgasm, satisfaction and pain).[27] One more question was added to determine whether patients were sexually active around the time of completion. The total FSFI-9 score ranges from 2 to 45, with a higher score indicating better sexual functioning. Low sexual functioning was defined as a total score <15.[27] To make findings applicable to usage in clinical practice, we calculated the FSFI-9 total score pre- and post-surgery as a percentage of the maximum possible score (45.0). To assess sexual distress, one item based on the Female Sexual Distress Scale-Revised (FSDS-R) was used: "How many times have you felt stressed or unhappy about your sex life in the past 4 weeks?". This was answered on a 5-point Likert scale from 0 (never) to 4 (always).[28] Sexual distress was defined as an FSDS-R score ≥3.

Endometriosis-associated quality of life (QoL) was examined using the Endometriosis Health Profile-30 questionnaire, containing 5 domains: pain (11 items), control and powerlessness (6 items), emotional well-being (6 items), social support (4 items) and self-image (3 items), with the outcome ranging on a scale of 0 to100, with lower scores representing better QoL. For the healthy controls, the standard question "Because of your endometriosis, how often did you ..." was adjusted into "How often did you ...," as suggested by van de Burgt et al.[29]

Pain symptoms were assessed using the numeric rating scale scores for dysmenorrhea, dyspareunia, dyschezia, dysuria and chronic pelvic pain. The scale ranges from 0 (no pain) to 10 (worst pain imaginable).

Depressive symptoms were measured using the Patient Health Questionnaire-9. The total score ranges from 0 to 27 and can be classified in the following categories: no depression (0-4 points), mild depression (5-9 points), moderate depression (10-14 points), moderate to severe depression (15-19 points) and severe depression (20-27 points).[30]

Relational satisfaction was measured using the Maudsley Marital Questionnaire vsubscale, including 10 questions, with each item rated on a scale ranging from 0 (satisfied) to 8 (dissatisfied).[31]

Positive affect was measured using the 10 items on positive affect which are part of Positive and Negative Affect Schedule.[32] Total scores range from 10 to 50, with higher scores representing more positive affect.