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IMPACT OF PATIENT DECISION AIDS (PDA) ON SHARED DECISION MAKING AND PATIENT SATISFACTION PRIOR TO PELVIC FLOOR SURGERY

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Introduction:

Patient decision aids (PDAs) are tools used to facilitate shared decision making between patients and clinicians. NICE has published their guidance on the management of stress urinary incontinence (SUI) and pelvic organ prolapse in 2019, and as part of this guideline, introduced the PDAs to be used when discussing surgical options for SUI, uterine prolapse and vaginal vault prolapse.

Objectives:

The evidence for the use of these NICE PDAs in the context of pelvic floor dysfunction is limited. The aim of this study is to determine whether the use of a PDA reduces the decision conflict experienced by patients considering surgical treatment for SUI, or pelvic organ prolapse (POP) and whether patients find the PDA user friendly and as satisfied with their use.

Methodology:

Patients presenting to the urogynaecology clinic who wanted to discuss surgical treatment were offered recruitment into the study. Following completion of the PDA, a decision conflict score was provided for the patients to complete. The patients were divided into three groups corresponding to SUI, uterine prolapse and vault prolapse. Decision conflict scores were calculated. Scores were then analysed to see if they correspond to implementation of decisions (score less than 25) or delay in decisions (score >37.5).

Results:

Current analysis from our participant cohort shows the median score and range were a decision conflict score of less than 25 for the three patient groups. In the uterine prolapse patient group, the median and range for decision conflict score is higher when compared to the other 2 groups. Statistical analyses to assess significance of this difference will be carried out once the full patient cohort is recruited.

Conclusion:

Our current data suggest that the three PDAs currently available correspond to a low decisional conflict, hence they are likely to offer support to women during decision making.

Reference

Department of Health (2012): Liberating the NHS: no decision about me, without me-government response to the consultation.
Sepucha KR et al: Establishing the effectiveness of patient decision aids: key constructs and measurement instruments. BMC medical informatics and decision making; 2013: (13), suppl 2