Postoperative Satisfaction with Inflatable Penile Prosthesis

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Introduction

• Inflatable penile prosthesis (IPP) is associated with high patient satisfaction, although factors associated with IPP satisfaction are not well elucidated.
• Standardized assessments are not specific for IPP (e.g. SHIM)
• Paucity of data to evaluate how IPP related factors contribute to overall patient satisfaction
  – Daily comfort of an IPP
  – Ease of IPP use
  – Sexual experience for patient and partner

Objective

• Evaluate patient satisfaction post-IPP placement and factors that may contribute towards a satisfied patient living with an IPP.

Methods

• Anonymous 10 question survey for patients with previously placed, functioning, IPP.
• All IPP placed via penoscrotal approach, Coloplast or AMS devices were used at surgeon’s discretion.
• Spearman correlation used to compare survey responses with overall satisfaction. Statistical significance was defined as p<0.05.

Results

• Between April 2017 and July 2019, 428 men completed the survey.
• IPP was placed within:
  • 1 year – 49% (n=207)
  • 1-3 years – 25% (n=106)
  • 3-10 years – 21% (n=90)
  • >10 years – 5% (n=21)

Conclusions

• Large IPP cohort with high rate of overall satisfaction.
• The majority of patients could sense the implant when it was not in use which did not affect overall satisfaction.
• Patient regret of not getting an IPP sooner was strongly correlated with being “very happy” with the patient’s IPP.
• Sexual satisfaction and perceived partner satisfaction were strongly correlated with overall satisfaction, suggesting that satisfaction can be improved for unhappy patients and their partners with sexual therapy or other modalities to improve the sexual experience with an IPP, although further study is needed.

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