Incidence of Sexual Dysfunction After Radical Prostatectomy

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Incidence of Sexual Dysfunction After Radical Prostatectomy

• Radical prostatectomy remains a highly effective treatment option in men with organ confined PCa

• Has progressed: “surgery by feel” precise anatomic descriptions Dr. Walsh use of optical magnification growth of robotic assisted prostatectomy with its 3-D view, magnification, minimal invasiveness

• However……..
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• Despite these significant improvements, erectile dysfunction persists

• How do we define erectile dysfunction in studies?

• IIEF (International Index of Erectile Function): a self report instrument for the evaluation of sexual function, 5 questions. 

  questions regarding confidence, hardness, ability to maintain hardness, satisfaction

  IIEF 22-25 : no erectile dysfunction
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• Rates of post-prostatectomy ED as reported by surgeons or on their websites vs peer reviewed literature

ED rates found on websites tend to be significantly lower than peer reviewed outcomes

ED rates quoted by surgeons who do not follow their own data/outcomes are often outcomes reported by more experienced and higher volume surgeons

reminiscent of the nuclear “arms race”
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• What does peer reviewed literature report?

  Dackin and Christopher (2008), potent men undergoing RP: only 26% returned to baseline erectile function.

  Mulhall, et al (2015), long-term improvements in erectile function and continence after RP: 3187 pts, ED at 24 months 78%, at 36 months 68%, at 48 months 60%
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• What does peer reviewed literature report?

  Haglind et al (2015), ED after RALP vs Open Prostatectomy: 2431 patients, 70.4% RALP, 74.7% OP

  Montorsi et al (2014), how to optimize patient selection for RALP: at 24 months RALP 33%, RRP 48%
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Does it matter?
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• Climacturia: orgasm/sexual activity induced urinary incontinence

• Incidence after RP: literature indicates 20-40%

• Patients and partners uniformly report extreme bother and compromise in QOL scores

• Climacturia: best viewed as a sexual dysfunction

• We present data on treatment with AdVance male sling
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