







1

7/8/2015

7/8/2015

7/8/2015



NSW Prostate Cancer Care and Outcomes Study - Aims

To undertake a long term observational study to describe:

- 1. patterns of care for prostate cancer
- 2. quality of life of men with prostate cancer by treatment type
- 3. Unmet supportive care needs
- 4. Coping
- 5. Men's preferences for management outcomes
- 6. Health system costs
- 7. Recurrence and survival



Choice of PROM

- Prostate Cancer Quality of Life scale (PC-QoL)
- Prostate Cancer Specific Quality of Life (PROSQALI)
- UCLA Prostate Cancer Index (UCLA-PCI)
- Functional Assessment of Cancer Treatment Prostate (FACT-P)
- European Organisation for Research into Treatment of Cancer, Quality of Life Questionnaire and prostate cancer module (EORTC-QLQ-C30+PR25)

UCLA-PCI*

Pros

- · Validated instrument with clear coding instructions
- Had been used in Australia and internationally
- Captured "function" and "bother"
- Included Rand SF-36 General Quality of Life items
- Appropriate for prostate cancer cases and controls

Cons

- Long 20 Items +RAND 36-Item Health Survey v2 (SF-36 v2)
- Not validated for telephone administration
- · Language: English for the USA
- Inadequate collection of information on urinary function
 Inadequate collection of important outcomes related to hormone
- treatment
- Recall "in the past 4 weeks"

Litwin MS, et al. The UCLA Prostate Cancer Index: development, reliability, and validity of a health-related quality of life measure. Med Care. 1998 Jul/38(7):1002-12

3

4

7/8/2015

Cancer

7/8/2015

Pilot testing of the PROM

Telephone administration (CATI)

- We could insert skips
- Increased response rate
- Less missing data

Pre-pilot testing with 5 "consumers"

- Logistics, flow and timing
- Missing information so we added a new urinary scale
- Developed a prompt sheet

Pilot testing with 40 cases and 20 controls

- Average time = 37 mins (range 10 to 60) 10% said it was too long
- 24% felt that important areas were not covered
- 91% comfortable with male or female interviewers
- 25% expressed issues with recall bias
- Refuse to answer 2.9% household income, 1.2% firmness of erections







7/8/2015



reatment group	Incontinent*	Bowel problems#	Impotent'
tadical prostatectomy	12%	4%	75%
xternal Beam RT	2%	9%	66%
Combined EBRT/ADT	3%	10%	77%
Brachy (LDR seeds)	2%	2%	43%
Brachy (HDR wires)	5%	12%	74%
Indrogen Deprivation Therapy	5%	5%	95%
ctive surveillance	8%	11%	58%







7

7/8/2015

7/8/2015

7/8/2015

U.S. Preventive Services Task Force

The U.S. Preventive Services Task Force (USPSTF) recommends against prostate-specific antigen (PSA)-based screening for prostate cancer (<u>D recommendation</u>).

Key Question 4: What Are the Harms of Treatment of Early-Stage or Screening-Detected Prostate Cancer?

NSW PCOS study results were referenced 18 times in this document

• Our study was one of only three cohort studies to be rated "good"

• In some cases was the only study to report specific comparisons eg: "One good-quality cohort study reported a 7.0% rate of urinary

incontinence after high-dose brachytherapy (n=47), 54% after low-dose brachytherapy (n=58), and 2.7% after EBRT (n=123) (56)."

Ref: Roger Chou et al Screening for Prostate Cancer A Review of the Evidence for the U.S. Preventive Services Task Force. October 2011

Summary

- PROMs have altered the way prostate cancer is managed and communicated
- Choice of the right instrument, methods of administration and analysis are vital
- Movember prostate cancer registry will be vital in the future



