

Quality of life outcomes after primary treatment for clinically localised prostate cancer: A systematic review

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Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals
					Age adjusted cross- sectional UCLA-PCI quality of life outcomes (95% CI) Higher values refer to better function		Multivariate UCLA-PCI cross-sectional outcomes
	Radical prostatectomy	421			Sexual function 26 (23–29) Sexual bother 43 (39-47) Urinary function 76 (74–78) Urinary bother 82 (80–85) Bowel function 86 (85–88) Bowel bother 86 (84–89)		Reference
Bacon 2001 UCLA-PCI	EBRT	221	NR	Up to 60 months	Sexual function 34 (30–38) Sexual bother 51 (46–57) Urinary function 89 (86–92) Urinary bother 83 (80–87) Bowel function 81 (78–83) Bowel bother 78 (75–82)		Sexual function <0.05 favouring EBRT Sexual bother <0.05 favouring EBRT Urinary function <0.05 favouring EBRT Urinary bother NSS Bowel function NSS favouring RP Bowel bother NSS favouring RP
	Brachytherapy	69			Sexual function 36 (30–42) Sexual bother 54 (45–64) Urinary function 87 (82–92) Urinary bother 75 (68–81) Bowel function 80 (76–84) Bowel bother 72 (66–78)		Sexual function <0.05 favouring BT Sexual bother <0.05 favouring BT Urinary function <0.05 favouring BT Urinary bother <0.05 favouring RP Bowel function <0.05 favouring RP Bowel bother <0.05 favouring RP

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporto	ed Results	-	Reported p-values or Hazard Ratios with confidence intervals	
			Unadjusted mean (95% CI) EPIC score Higher values refer to better function		Unadjusted mean (95% CI) EPIC score at 12 months Higher values refer to better function	Unadjusted mean (95% CI) EPIC score at 36 months Higher values refer to better function	P value for differences in EPIC scores at 12 months	P value for differences in EPIC scores at 36 months	
Barocas 2017 EPIC	Radical prostatectomy	152 3	Urinary incontinence: 86.7 (85.5-87.8) Urinary irritative: 83.2 (82.3-84.1) Sexual function: 65.2 (63.5 - 66.9) Bowel function: 94.0 (93.3-94.6) Hormone function: 89.8 (89.1-90.5)	40	Urinary incontinence: 70.7 (69.2-72.1) Urinary irritative: 89.6 (88.9-90.3) Sexual function: 37.1 (35.4-38.7) Bowel function: 94.8 (94.2-95.4) Hormone function: 88.5 (0.4)	Urinary incontinence: 71.8 (70.4-73.2) Urinary irritative: 90.3 (89.6-91.0) Sexual function: 40.7 (38.9-42.6) Bowel function: 95.0 (94.4-95.6) Hormone function: 89.5 (0.4)	Urinary incontinence: <0.001 favouring EBRT Urinary irritative: 0.012 favouring RP but the difference between groups did not exceed the minimally important difference for clinical significance Sexual function: <0.001	Urinary incontinence: <0.001 favouring EBRT Urinary irritative: <0.001 favouring RP but the difference between groups did not exceed the minimally important difference for clinical significance Sexual function: <0.001	
	EBRT	598	Urinary incontinence: 88.2 (86.7-89.6) Urinary irritative: 82.3 (80.9-83.7) Sexual function: 52.3 (49.6-55.0) Bowel function: 93.4 (92.5-94.3) Hormone function: 86.7 (85.3-88.0)	months (38-45)	Urinary incontinence: 86.4 (84.8-88.1) Urinary irritative: 84.8 (83.5-86.0) Sexual function: 38.4 (35.6-41.2) Bowel function: 88.6 (87.4-89.9) Hormone function: 82.7 (0.8)	Urinary incontinence: 85.3 (83.4-87.1) Urinary irritative: 85.9 (84.6-87.3) Sexual function: 38.9 (35.8-42.0) Bowel function: 90.3 (89.1-91.6) Hormone function: 87.1 (0.7)	favouring EBRT Bowel function: <0.001 favouring RP but the difference between groups did not exceed the minimally important difference for clinical significance Hormone function: 0.005 favouring RP	favouring EBRT Bowel function: <0.001 favouring RP but the difference between groups did not exceed the minimally important difference for clinical significance Hormone function: 0.77	
					QLQ-C30 quality of life		p values within-group	P values for	

According Acco	Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporte	Reported Results		or Hazard Ratios with e intervals
NS Radical prostatectomy 38						at 12 months Higher values refer to better			differences between groups (Wilcoxon rank-sum-test)
Physical 91			38	Role 81 Emotional 61 Cognitive 86 Social 75 Sexual 75		Role 90 Emotional 81 Cognitive 82 Social 80 Sexual 56		Role 0,26 Emotional <0.001 Cognitive 0.13 Social 0.49 Sexual 0.001	RP + NS vs RP 0.77 RP + NS vs BT 0.94 RP vs BT 0.84 Role RP + NS vs RP 0.10 RP + NS vs BT 0.50 RP vs BT 0.28 Emotional
Physical 91	EORTC-		42	Role 93 Emotional 65 Cognitive 91 Social 83 Sexual 66		Role 87 Emotional 78 Cognitive 86 Social 74 Sexual 42		Role 0.26 Emotional 0.02 Cognitive 0.14 Social 0.16 Sexual <0.001	RP vs BT 0.21 <u>Cognitive</u> RP + NS vs RP 0.87 RP + NS vs BT 0.79 RP vs BT 0.73 <u>Social</u> RP + NS vs RP 0.03
EPIC mean score		Brachytherapy	52	Role 90 Emotional 67 Cognitive 87 Social 77 Sexual 61	12	Role 90 Emotional 76 Cognitive 86 Social 77 Sexual 53		Role 1,0 Emotional 0.08 Cognitive 0.63 Social 1,0 Sexual 0.17	RP vs BT 0.21 <u>Sexual</u> RP + NS vs RP 0.45 RP + NS vs BT 0.14 RP vs BT 0.015 favouring BT

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
					difference from baseline (SD) to 12 months	from baseline (SD) to 24 months	EPIC mean score difference from baseline at 24 months 95% CI	multivariate models of domain score change from baseline to 2-years
	Brachytherapy	262	Bowel: 96 / 100 ± 8.3 Sexual: 67 / 75 ± 29 Hormone: 93 / 100 ± 11 Urinary incontinence: 94 / 100 ± 12 Urinary obstruction:90 / 94 ± 13		Bowel: -7,01 (15,10) Hormone: -2,91 (11,89) Sexual: -14,88 (22,03) Urinary incontinence: -4,41 (16,60) Urinary obstruction: -8,68 (16,95)	Bowel: -7,14 (16,09) Hormone: -1,72 (12,27) Sexual: -18,24 (24,43) Urinary incontinence: -6,33 (18,45) Urinary obstruction: -6,11 (17,51)	Bowel: -9.215.06 Hormone: -3.310.137 Sexual: -21.614.9 Urinary incontinence: - 8.763.9 Urinary obstruction: -8.4 3.82	Bowel Brachytherapy vs. IMRT 0.48 SBRT vs. IMRT 0.00014 favouring SBRT SBRT vs. Brachy 0.001 in favouring SBRT Hormone
Evans 2015 EPIC	IMRT	160	Bowel: 94 / 100 ± 11 Sexual: 61 / 67 ± 29 Hormone: 92 / 95 ± 12 Urinary incontinence: 93 / 100 ± 13 Urinary obstruction: 86 / 88 ± 14	24	Bowel: -6,77 (16,48) Hormone: -2,20 (12,24) Sexual: -13,43 (22,83) Urinary incontinence: -3,74 (15,55) Urinary obstruction:1,03 (15,74)	Bowel: -7,59 (16,61) Hormone: -2,14 (12,72) Sexual: -13,80 (26,60) Urinary incontinence: -4,72 (15,95) Urinary obstruction: 1,84 (14,03)	Bowel: -10.44.81 Hormone: -4.270.0165 Sexual: -18.49.17 Urinary incontinence: - 7.461.98 Urinary obstruction: - 0.509-4.2	Brachytherapy vs. IMRT 0.78 SBRT vs. IMRT 0.84 SBRT vs. Brachy 0.63 <u>Sexual</u> Brachytherapy vs. IMRT 0.18
	SBRT	381	Bowel: 95 / 100 ± 9.1 Sexual: 55 / 58 ± 31 Hormone: 94 / 100 ± 10 Urinary incontinence: 92 / 100 ± 13 Urinary obstruction: 87 / 88 ± 12		Bowel: -3,39 (11,28) Hormone: -0,84 (9,54) Sexual: -7,11 (20,42) Urinary incontinence: -3,99 (12,57) Urinary obstruction: -2,95 (14,03)	Bowel: -1,27 (9,13) Hormone: -1,12 (9,39) Sexual: -8,95 (21,02) Urinary incontinence: -3,38 (14,00) Urinary obstruction: -0,17 (12,09)	Bowel: -2.410.14 Hormone: -2.28-0.0516 Sexual: -11.66.35 Urinary incontinence: - 5.121.65 Urinary obstruction: -1.67- 1.32	SBRT vs. IMRT 0.57 SBRT vs. Brachy 0.46 <u>Urinary incontinence</u> Brachytherapy vs. IMRT 0,21 SBRT vs. IMRT 0.74 SBRT vs. Brachy 0.11 <u>Urinary obstruction</u> Brachytherapy vs. IMRT <0.0001 favouring IMRT SBRT vs. IMRT 0.55 SBRT vs. Brachy 0.00051 favouring SBRT
					Adjusted Mean Differences in EPIC scores	Adjusted Mean Differences in EPIC scores between RP	P value for differences	P value for differences

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
					between RP and AS patients at 1 year Mean (95% CI)	and AS patients at 2 years Mean (95% CI)	in EPIC scores at 1 year	in EPIC scores at 2 years
Jeldres	Active Surveillance	77	Urinary function: 93 ± 10 Urinary bother: 84 ± 14 Sexual function: 51 ± 26 Sexual bother: 70 ± 29 Bowel function: 94 ± 8 Bowel bother: 96 ± 7 Hormone function: 91 ± 10 Hormone bother: 95 ± 8	27 ± 17	Urinary function: -14(-18, -11) Urinary bother: -5 (-9, -2) Sexual function: -27 (-32, -22)	Urinary function: -15 (-19, -11) Urinary bother: -2 (-6, 2) Sexual function: -17 (-23, -10)	Urinary function: <.0001 Urinary bother: .04 Sexual function: <.0001	Urinary function: <.0001 Urinary bother: 1.00 Sexual function: .0005
2015 EPIC	Radical Prostatectomy	228	Urinary function: 95 ± 10 Urinary bother: 85 ± 16 Sexual function: 62 ± 22 Sexual bother: 79 ± 29 Bowel function: 93 ± 8 Bowel bother: 94 ± 11 Hormone function: 91 ± 11 Hormone bother: 95 ± 9	36 ± 17	Sexual bother: -29 (-36, -21) Bowel function: -3 (-5, -1) Bowel bother: -2 (-4, 0) Hormone function: -3 (-6, 1) Hormone bother: -1 (-4, 2)	Sexual bother: -18 (-29, -7) Bowel function: -1 (-3, 1) Bowel bother: -2 (-4, 1) Hormone function: -1 (-5, 4) Hormone bother: -2 (-6, 1)	Sexual bother: <.0001 Bowel function: .06 Bowel bother: .74 Hormone function: .96 Hormone bother: 1.00	Sexual bother: .03 Bowel function: 1.00 Bowel bother: 1.00 Hormone function: 1.00 Hormone bother: 1.00
					Adjusted Mean Differences in EPIC scores between RP and AS patients at 3 years Mean (95% CI)	Adjusted Mean Absolute Changes EPIC scores from Baseline at 1 year Mean (95% CI)	P value for differences in EPIC scores at 3 years	P value for absolute changes in EPIC scores at 1 year
Jeldres	Active Surveillance	77			Urinary function: -9 (-15, -3) Urinary bother: -1 (-6, 5) Sexual function: -14 (-21, -7) Sexual bother: -19 (-31, -7) Bowel function: -1 (-5, 4) Bowel bother: -1 (-5, 3) Hormone function: -1 (-6, 4) Hormone bother: -2 (-5, 1)	Urinary function: -1 (-4, 3) Urinary bother: 2 (3, 6) Sexual function: -2 (-7, 4) Sexual bother: -3 (-11, 5) Bowel function: 2 (-1, 4) Bowel bother: 1 (-2, 3) Hormone function: -2 (-5, 2) Hormone bother: -1 (-4, 1)	Urinary function: 0.046 favouring AS Urinary bother: 1 Sexual function: 0.01	Urinary function:1 Urinary bother: 1 Sexual function: 1 Sexual bother: 1 Bowel function: 1 Bowel bother: 1 Hormone function: 1 Hormone bother: 1

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporto	ed Results	-	Reported p-values or Hazard Ratios with confidence intervals	
cont.	Radical Prostatectomy	228				Urinary function: -15 (-19, -11) Urinary bother: -2 (-6, 1) Sexual function: -31 (-36, -26) Sexual bother: -34 (-41, -27) Bowel function: -1 (-3, 1) Bowel bother: 0 (-3, 2) Hormone function: -4 (-7, -1) Hormone bother: -2 (-4, 1)	favouring AS Sexual bother: 0.049 favouring AS Bowel function: 1 Bowel bother: 1 Hormone function: 1 Hormone bother: 1	Urinary function:<0.0001 Urinary bother: 1 Sexual function: <0.0001 Sexual bother: <0.0001 Bowel function: 1 Bowel bother: 1 Hormone function: 0.03 Hormone bother: 1	
					Adjusted Mean Absolute	Adjusted Mean Absolute	P value for absolute	P value for absolute	
					Changes in EPIC scores from baseline at 2 years	Changes in EPIC scores from baseline at 3 years	changes in EPIC scores at 2 years	changes in EPIC scores at 3 years	
					Mean (95% CI)	Mean (95% CI)	-		
Jeldres	Active Surveillance	77			Urinary function:1 (-3, 5) Urinary bother: 1 (-4, 5) Sexual function: -4 (-11, 2) Sexual bother: -6 (-17, 6) Bowel function: 0 (-2, 3) Bowel bother: 2 (-1, 4) Hormone function: -2 (-6, 2) Hormone bother: 0 (-3, 3)	Urinary function: -5 (-11, 1) Urinary bother: -2 (-7, 4) Sexual function: -6 (-14, 2) Sexual bother: -5 (-17, 7) Bowel function: -1 (-6, 4) Bowel bother: -1 (-4, 3) Hormone function: -3 (-8, 2) Hormone bother: 0 (-3, 2)	Urinary function:1 Urinary bother: 1 Sexual function: 1 Sexual bother: 1 Bowel function: 1 Bowel bother: 1 Hormone function: 1 Hormone bother: 1	Urinary function:0.64 Urinary bother: 1 Sexual function: 0.89 Sexual bother: 1 Bowel function: 1 Bowel bother: 1 Hormone function: 1 Hormone bother: 1	
cont.	Radical Prostatectomy	228			Urinary function: -14 (-18, -11) Urinary bother: 0 (-4, 3) Sexual function: -24 (-29, -19) Sexual bother: -26 (-33, -19) Bowel function: 0 (-2, 2) Bowel bother: 1 (-1, 4) Hormone function: -2 (-5, 1) Hormone bother: -1 (-4, 1)	Urinary function: -15 (-19, -11) Urinary bother: -1 (5, 3) Sexual function: -23 (-28, -17) Sexual bother: -24 (-32, -17) Bowel function: -1 (-4, 1) Bowel bother: 0 (-3, 3) Hormone function: -4 (-6, -1) Hormone bother: -1 (-4, 1)	Urinary function:<0.0001 Urinary bother: 1 Sexual function: <0.0001 Sexual bother: <0.0001 Bowel function: 1 Bowel bother: 1 Hormone function: 1 Hormone bother: 1	Urinary function:<0.0001 Urinary bother: 1 Sexual function: <0.0001 Sexual bother: <0.0001 Bowel function: 1 Bowel bother: 1 Hormone function: 0.04 Hormone bother: 1	
					UCLA-PCI scores (mean) at 12 months		P values		

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
					Higher values refer to better function			
Kobuke 2009	Radical prostatectomy	37	Urinary function: 86.44 Urinary bother: 87.16 Bowel function: 91.40 Bowel bother: 90.70 Sexual function: 37.07 Sexual bother: 81.75	12	Urinary function: 65.34 Urinary bother: 87.09 Bowel function: 92.03 Bowel bother: N/A Sexual function: 9.97 Sexual bother: 62.09		Urinary bo	nction: NSS other: NSS action: NSS
UCLA-PCI	Brachytherapy	36	Urinary function: 89.77 Urinary bother: 87.5 Bowel function: 86.33 Bowel bother: 93.75 Sexual function: 35.77 Sexual bother: 75	12	Urinary function: 82.06 Urinary bother: 85 Bowel function: 86.21 Bowel bother: N/A Sexual function: 38.13 Sexual bother: 75.89		Sexual function: <	other: NSS 0.05 favouring BT other: NSS
					UCLA-PCI scores (Average percent baseline scores) at 12 months outcomes were compared with Kruskal-Wallis rank test using PBS (calculated by dividing follow-up function or bother score by baseline function or bother score) Higher values refer to better function	UCLA-PCI scores (Average percent baseline scores) at 18 months outcomes were compared with Kruskal-Wallis rank test using PBS (calculated by dividing follow-up function or bother score by baseline function or bother score) Higher values refer to better function	P value at 12 months*	P value at 18 months*
Malcolm 2010	Open Radical prostatectomy	135	Urinary function:89 (18) Urinary bother: 92 (15) Sexual function: 74 (18) Sexual bother: 86 (20) Bowel function:87 (14) Bowel bother: 92 (15)	36	Urinary function:79 Urinary bother: 84 Sexual function: 43 Sexual bother: 40 Bowel function:102 Bowel bother: 99	Urinary function: 82 Urinary bother: 85 Sexual function: 48 Sexual bother: 46 Bowel function: 103 Bowel bother: 100	*authors report p values taking into consideration the cryotherapy arm	*authors report p values taking into consideration the cryotherapy arm

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporte	ed Results	Reported p-values or Hazard Ratios with confidence intervals		
UCLA-PCI	Robotic Radical prostatectomy	447	Urinary function:92 (13) Urinary bother: 93 (14) Sexual function: 73 (17) Sexual bother: 84 (20) Bowel function:88 (14) Bowel bother: 94 (13)		Urinary function:74 Urinary bother: 81 Sexual function: 40 Sexual bother: 47 Bowel function:103 Bowel bother: 100	Urinary function: 74 Urinary bother: 81 Sexual function: 42 Sexual bother: 51 Bowel function: 103 Bowel bother: 100	which we have not included in our review	which we have not included in our review	
	Brachytherapy	Urinary function:90 (16) Urinary bother: 89 (17) Sexual function: 64 (19) Sexual bother: 80 (21) Bowel function:84 (16) Bowel bother: 88 (18)		Urinary function:94 Urinary bother: 88 Sexual function: 71 Sexual bother: 63 Bowel function:103 Bowel bother: 99	Urinary function: 90 Urinary bother: 87 Sexual function: 68 Sexual bother: 67 Bowel function: 106 Bowel bother: 96				
					UCLA-PCI scores (Average	UCLA-PCI scores (Average			
					percent baseline scores)	percent baseline scores) at	P value at 24 months*	P value at 30 months*	
					at 24 months	30 months			
					Higher values refer to better function	Higher values refer to better function			
					Urinary function: 84	Urinary function: 82			
Malcolm	Open Radical prostatectomy	135			Urinary bother: 87 Sexual function: 46 Sexual bother: 52 Bowel function: 104 Bowel bother: 102	Urinary bother: 88 Sexual function: 50 Sexual bother: 54 Bowel function: 102 Bowel bother: 96			
cont.	Robotic Radical prostatectomy	447			Urinary function: 76 Urinary bother: 83 Sexual function: 45 Sexual bother: 48 Bowel function: 101 Bowel bother: 97	Urinary function: 75 Urinary bother: 85 Sexual function: 41 Sexual bother: 52 Bowel function: 102 Bowel bother: 99	*authors report p values taking into consideration the cryotherapy arm which we have not included in our review	*authors report p values taking into consideration the cryotherapy arm which we have not included in our review	
	Brachytherapy	122			Urinary function: 90 Urinary bother: 94 Sexual function: 74 Sexual bother: 78	Urinary function: 90 Urinary bother: 91 Sexual function: 67 Sexual bother: 67			

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
					Bowel function: 110	Bowel function: 109		
					Bowel bother: 101 UCLA-PCI scores (Average	Bowel bother: 100		
					percent baseline scores) at 36 months Higher values refer to better function		P value at 3	36 months*
	Open Radical prostatectomy	135			Urinary function: 83 Urinary bother: 88 Sexual function: 48 Sexual bother: 58 Bowel function: 101 Bowel bother: 99			
Malcolm cont.	Robotic Radical prostatectomy	447			Urinary function: 78 Urinary bother: 86 Sexual function: 46 Sexual bother: 45 Bowel function: 102 Bowel bother: 94		* authors report p values taking into consideration cryotherapy arm which we have not included in o review	e have not included in our
	Brachytherapy	122			Urinary function: 88 Urinary bother: 90 Sexual function: 73 Sexual bother: 85 Bowel function: 107 Bowel bother: 99			
					UCLA-PCI scores (mean) at 12 months		P va	alue

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals
					Higher values refer to better function		
Namiki	Radical prostatectomy	67	Urinary function: 92.9 ± 18.1 Urinary bother: 92.3 ± 27.1 Bowel function: 87.9 ± 15.1 Bowel bother: 93.1 ± 20.9 Sexual function: 37.9 ± 24.7 Sexual bother: 71.8 ± 27.4		Urinary function: 75.7 ± 20.4 Urinary bother: 85.2 ± 20.5 Bowel function: 86.1 ± 13.7 Bowel bother: 87.5 ± 15.9 Sexual function: 10.2 ± 15.2 Sexual bother: 55.4 ± 33.2		Urinary function: <0.001 <i>favouring BT</i> Urinary bother: NSS Bowel function: NSS
2006 UCLA-PCI	Brachytherapy	70	Urinary function: 88.8 ± 14.6 Urinary bother: 81.2 ± 25.6 Bowel function: 87.7 ± 13.9 Bowel bother: 88.3 ± 17.8 Sexual function: 34.4 ± 23.3 Sexual bother: 72.2 ± 21.4	12	Urinary function: 92.4 ± 19.2 Urinary bother: 88.9 ± 24.2 Bowel function: 88.8 ± 10.6 Bowel bother: 86.1 ± 21.5 Sexual function: 32.0 ± 12.6 Sexual bother: 69.1 ± 34.8		Bowel bother: NSS Sexual function: <0.001 favouring BT Sexual bother: 0.032 favouring BT
					Mean changes in EPIC scores from baseline to 3 years mean (SD) Negative values refer to worse function		P values
	Radical prostatectomy	123	Urinary incontinence: 94.5 (15.1) Urinary obstruction: 93.4 (11.1) Bowel: 97.9 (3.7) Sexual: 59.0 (23.5) Hormonal: 94.0 (9.1)		Non-nerve sparing Urinary incontinence: -26.3 (28.8) Urinary obstruction: -1.8 (14.4) Bowel: 1.3 (3.1) Sexual: -23.4 (25.7) Hormonal: -1.7 (12.8) Nerve sparing Urinary incontinence: -21.4		

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)			r Hazard Ratios with e intervals	
Pardo 2010 EPIC			Urinary incontinence: 96.3	36	(25.2) Urinary obstruction: 7.0 (13.1) Bowel: 1.7 (4.5) Sexual: -25.3 (28.2) Hormonal: 2.4 (15.5) Urinary incontinence: -6.7		ove Urinary obstruction: 0.002	and BT
	EBRT	127	(9.9) Urinary obstruction: 95.5 (9.5) Bowel: 97.8 (4.5) Sexual: 54.1 (23.2) Hormonal: 95.7 (8.4)		(17.8) Urinary obstruction: –5.6		Sexual: <0.001 favouri	ng EBRT and BT over RP ing NSRP only over EBRT
	Brachytherapy	185	Urinary incontinence: 96.1 (11.1) Urinary obstruction: 94.4 (11.1) Bowel: 96.5 (7.2) Sexual: 55.9 (23.3) Hormonal: 95.5 (8.0)		Urinary incontinence: -7.4 (20.7) Urinary obstruction: -5.9 (21.0) Bowel: 0.3 (11.8) Sexual: -9.9 (23.5) Hormonal: -2.0 (10.7)			
					EPIC mean function and bother scores at median16 months Higher values refer to better function	Mean difference on EPIC scores from baseline to 16 months (bold numbers indicate significant differences between treatment groups)	P value for EPIC mean scores at 16 months	P value for mean difference on EPIC scores between same group
	Brachytherapy	52	Urinary function: 97 (100;100;100) Urinary incontinence: 94 (100;100;100) Urinary obstructive/irritative: 100 (100;100;100) Urinary bother: 90 (86;93;100) Urinary incontinence bother: 97 (100;100;100) Urinary obstructive/irritative		Urinary function: 91 (89;100;100) Urinary incontinence: 90 (83;100;100) Urinary obstructive/irritative: 93 (100;100;100) Urinary bother: 82 (68;89;100) Urinary incontinence bother: 86 (94;100;100) Urinary obstructive/irritative bother: 82 (66;87;100)	Urinary function: 6 (0;0;11) Urinary incontinence: 5 (0;0;10) Urinary obstructive/irritative: 7 (0;0;0) Urinary bother: 8 (0;4;21) Urinary incontinence bother: 11 (0;0;0) Urinary obstructive/irritative bother: 7 (-4;5;15)		Urinary function: p < 0.01 Urinary incontinence: NSS Urinary obstructive/irritative: p < 0.01 Urinary bother: p < 0.01 Urinary incontinence bother: p < 0.01

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporte	ed Results		r Hazard Ratios with e intervals
Pinkawa 2009 EPIC			bother: 90 (85;95;100) Bowel function: 94 (92;96;100) Bowel bother: 94 (93;100;100) Sexual function: 46 (32;50;62) Sexual bother: 72 (50;75;100) Hormonal function: 91 (88;100;100) Hormonal bother: 92 (92;100;100)		Bowel function: 93 (92;96;100) Bowel bother: 93 (93;100;100) Sexual function: 42 (25;41;59) Sexual bother: 61 (31;63;88) Hormonal function: 92 (88;100;100) Hormonal bother: 92 (88;100;100)	Bowel function: 1 (-3;0;4) Bowel bother: 2 (-3;0;4) Sexual function: 7 (-3;6;18) Sexual bother: 12 (-6;6;38) Hormonal function: -1 (-6;0;5) Hormonal bother: 1 (0;0;4)	Urinary function: NSS Urinary incontinence: NSS Urinary obstructive/irritative: p = 0.03 favouring EBRT Urinary bother: NSS Urinary incontinence bother: NSS	Urinary obstructive/irritative bother: p < 0.01 Bowel function: NSS Bowel bother: NSS Sexual function: p < 0.01 Sexual bother: p < 0.05 Hormonal function: NSS Hormonal bother: NSS
	EBRT	52	Urinary function: 94 (90;100;100) Urinary incontinence: 91 (90;100;100) Urinary obstructive/irritative: 98 (100;100;100) Urinary bother: 83 (68;89;96) Urinary incontinence bother: 94 (100;100;100) Urinary obstructive/irritative bother: 82 (70;87;95) Bowel function: 93 (88;96;100) Bowel bother: 95 (93;100;100) Sexual function: 43 (29;44;56) Sexual bother: 67 (44;81;100) Hormonal function: 87 (75;94;100) Hormonal bother: 89 (83;96;100)	16	Urinary function: 94 (94;100;100) Urinary incontinence: 90 (90;100;100) Urinary obstructive/irritative: 99 (100;100;100) Urinary bother: 88 (83;93;96) Urinary incontinence bother: 92 (100;100;100) Urinary obstructive/irritative bother: 87 (80;90;100) Bowel function: 89 (82;92;96) Bowel bother: 87 (79;96;100) Sexual function: 37 (12;32;59) Sexual bother: 60 (31;69;94) Hormonal function: 91 (88;100;100) Hormonal bother: 91 (88;100;100)	Urinary function: 0 (0;0;4) Urinary incontinence: 1 (0;0;10) Urinary obstructive/irritative:	Urinary obstructive/irritative bother: NSS Bowel function: NSS Bowel bother: NSS Sexual function: NSS Sexual bother: NSS Hormonal function: NSS Hormonal bother: NSS	Urinary function: NSS Urinary incontinence: NSS Urinary obstructive/irritative: NSS Urinary bother: p < 0.05 Urinary incontinence bother: NSS Urinary obstructive/irritative bother: NSS Bowel function: p < 0.05 Bowel bother: p < 0.01 Sexual function: p < 0.01 Hormonal function: NSS Hormonal bother: NSS
					Unadjusted proportion of 3294 men who experienced a clinically	Unadjusted proportion of 3294 men who experienced a clinically meaningful		

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporte	Reported Results		lazard Ratios with ntervals
					meaningful decline in UCLA-PCI score of at least half standard deviation from baseline to 2 years by primary treatment modality n/n (%)	decline in UCLA-PCI score of at least half standard deviation from baseline to 5 years by primary treatment modality n/n (%)		
	NS Radical prostatectomy	113 9	Sexual function: 65 (26) Sexual bother: 71 (34) Urinary function: 93 (12) Urinary bother: 89 (19) Bowel function: 90 (12) Bowel bother: 93 (16)		Sexual function: 590/919 (64) Sexual bother: 550/905 (61) Urinary function: 499/921 (54) Urinary bother: 279/926 (30) Bowel function: 179/934 (19) Bowel bother: 160/930 (17)	Sexual function: 367/594 (62) Sexual bother: 300/578 (52) Urinary function: 349/592 (59) Urinary bother: 180/598 (30) Bowel function: 112/601 (19) Bowel bother: 106/598 (18)		
Punnen 2014 UCLA-PCI	Non NS Radical prostatectomy	860	Sexual function: 54 (28) Sexual bother: 61 (37) Urinary function: 93 (13) Urinary bother: 85 (24) Bowel function: 88 (14) Bowel bother: 90 (20)	74	Sexual function: 461/681 (68) Sexual bother: 359/671 (54) Urinary function: 370/680 (54) Urinary bother: 214/683 (31) Bowel function: 162/696 (23) Bowel bother: 139/689 (20)	Sexual function: 282/421 (67) Sexual bother: 207/411 (51) Urinary function: 247/419 (59) Urinary bother: 116/416 (28) Bowel function: 93/426 (22) Bowel bother: 90/426 (21)		
	Brachytherapy	684	Sexual function: 43 (30) Sexual bother: 54 (39) Urinary function: 92 (13) Urinary bother: 83 (24) Bowel function: 88 (14) Bowel bother: 88 (21)	74	Sexual function: 204/513 (40) Sexual bother:212/503 (42) Urinary function: 194/536 (36) Urinary bother: 191/533 (36) Bowel function: 146/539 (27) Bowel bother: 153/538 (28)	Sexual function: 136/305 (45) Sexual bother: 123/297 (41) Urinary function: 137/312 (44) Urinary bother: 99/310 (32) Bowel function: 87/314 (28) Bowel bother: 76/317 (24)		
	EBRT	386	Sexual function: 35 (28) Sexual bother: 53 (40) Urinary function: 91 (14) Urinary bother: 81 (27) Bowel function: 87 (13) Bowel bother: 86 (23)		Sexual function: 106/277 (38) Sexual bother: 104/270 (39) Urinary function: 70/295 (24) Urinary bother: 69/298 (23) Bowel function: 91/296 (31) Bowel bother: 100/295 (34)	Sexual function: 64/158 (41) Sexual bother: 56/152 (37) Urinary function: 61/166 (37) Urinary bother: 43/163 (26) Bowel function: 46/164 (28) Bowel bother: 46/162 (28)		
					Unadjusted proportion of 3294 men who experienced a clinically	Adjusted likelihood of a clinically significant decline in UCLA-PCI score of at least		

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results			or Hazard Ratios with e intervals
					meaningful decline in UCLA-PCI score of at least half standard deviation from baseline to 10 yr by primary treatment modality n/n (%)	half standard deviation from baseline to 2 yr by primary treatment modality among 3297 men in the study cohort OR (95% CI)		P value for 2 years
	NS Radical prostatectomy	113 9			Sexual function: 96/137 (70) Sexual bother: 74/133 (56) Urinary function: 100/144 (69) Urinary bother: 49/142 (35) Bowel function: 30/142 (21) Bowel bother: 29/141 (21)	Sexual function: 1 Sexual bother: 1 Urinary function: 1 Urinary bother: 1 Bowel function: 1 Bowel bother: 1		Sexual function NSRP 1 Non-NSRP <0.01 BT <0.01 EBRT <0.01 Sexual bother NSRP 1
Punnen cont.	Non NS Radical prostatectomy	860			Sexual function: 83/116 (72) Sexual bother: 53/115 (46) Urinary function: 68/115 (59) Urinary bother: 49/112 (44) Bowel function: 35/115 (30) Bowel bother: 32/116 (28)	Sexual function: 1.6 (1.2–2.1) Sexual bother: 1.0 (0.7–1.2) Urinary function: 1.0 (0.8–1.2) Urinary bother: 1.1 (0.8–1.4) Bowel function: 1.1 (0.8–1.4) Bowel bother: 1.0 (0.8–1.4)	EBRT 0.07 <u>Urinary functio</u> Non-NSRP 0.7 B EBRT <0.01 <u>Urinary bother</u> Non-NSRP 0.5 BT EBRT 0.3 <u>Bowel function</u> Non-NSRP 0.7 B' EBRT <0.01 <u>Bowel bother</u> 1	Urinary function NSRP 1 Non-NSRP 0.7 BT <0.01
	Brachytherapy	684			Sexual function: 53/80 (66) Sexual bother: 30/76 (39) Urinary function: 44/82 (54) Urinary bother: 33/85 (39) Bowel function: 28/84 (33) Bowel bother: 29/84 (35)	Sexual function: 0.5 (0.4–0.7) Sexual bother: 0.7 (0.5–1.0) Urinary function: 0.4 (0.3–0.6) Urinary bother: 1.3 (1.0–1.8) Bowel function: 1.3 (1.0–1.8) Bowel bother: 1.6 (1.1–2.2)		Bowel function NSRP 1 Non-NSRP 0.7 BT 0.08 EBRT <0.01 Bowel bother NSRP 1 Non-NSRP 0.7 BT <0.01
	EBRT	386			Sexual function: 18/34 (53) Sexual bother: 10/33 (30) Urinary function: 19/36 (53) Urinary bother: 17/36 (47) Bowel function: 15/35 (43) Bowel bother: 8/34 (24)	Sexual function: 0.5 (0.3–0.8) Sexual bother: 0.7 (0.4–1.0) Urinary function: 0.3 (0.2–0.4) Urinary bother: 0.8 (0.5–1.2) Bowel function: 1.8 (1.2–2.7) Bowel bother: 2.3 (1.5–3.5)		
					Adjusted likelihood of a clinically significant decline in UCLA-PCI score	Adjusted likelihood of a clinically significant decline in UCLA-PCI score of at least		

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
					of at least half standard deviation from baseline to 5 yr by primary treatment modality among 3297 men in the study cohort OR (95% CI)	half standard deviation from baseline to 10 yr by primary treatment modality among 3297 men in the study cohort OR (95% CI)	P value for 5 years	P value for 10 years
Punnen cont.	NS Radical prostatectomy	113 9			Sexual function: 1 Sexual bother: 1 Urinary function: 1 Urinary bother: 1 Bowel function: 1 Bowel bother: 1	Sexual function: 1 Sexual bother: 1 Urinary function: 1 Urinary bother: 1 Bowel function: 1 Bowel bother: 1	Sexual function: NSRP 1 Non-NSRP < 0.01 BT 0.2 EBRT 0.3 WW/AS 0.03 Sexual bother: NSRP 1	Sexual function: NSRP 1 Non-NSRP <0.01 BT 0.8 EBRT 0.7 Sexual bother: NSRP 1
	Non NS Radical prostatectomy	860			Sexual function: 2.0 (1.4–2.8) Sexual bother: 1.4 (1.0–1.9) Urinary function: 1.0 (0.7–1.3) Urinary bother: 0.8 (0.6–1.1) Bowel function: 1.1 (0.8–1.5) Bowel bother: 1.1 (0.7–1.5)	Sexual function: 3.6 (1.5–8.6) Sexual bother: 1.1 (0.6–2.1) Urinary function: 0.7 (0.4–1.2) Urinary bother: 1.8 (1.0–3.4) Bowel function: 1.6 (0.8–3.1) Bowel bother: 1.1 (0.6–2.2)	Non-NSRP 0.03 BT 0.4 EBRT 0.7 WW/AS 0.3 Urinary function: NSRP 1 Non-NSRP 0.8 BT <0.01 EBRT <0.01 WW/AS	Non-NSRP 0.8 BT 0.7 EBRT 0.3 Urinary function: NSRP 1 Non-NSRP 0.2 BT 0.07 EBRT <0.01
	Brachytherapy	684			Sexual function: 0.8 (0.5–1.2) Sexual bother: 1.2 (0.8–1.7) Urinary function: 0.5 (0.3–0.7) Urinary bother: 1.0 (0.7–1.5) Bowel function: 1.6 (1.0–2.3) Bowel bother: 1.1 (0.7–1.6)	Sexual function: 0.9 (0.3–2.6) Sexual bother: 1.2 (0.5–2.9) Urinary function: 0.5 (0.3–1.1) Urinary bother: 1.2 (0.6–1.7) Bowel function: 3.3 (1.4–7.4) Bowel bother: 2.3 (1.0–5.2)	<0.01 <u>Urinary bother:</u> NSRP 1 Non-NSRP 0.2 BT 0.8 EBRT 0.3 WW/AS 0.2 <u>Bowel function</u> : NSRP 1	Urinary bother: NSRP 1 Non-NSRP 0.06 BT 0.6 EBRT 0.6 Bowel function: NSRP 1 Non-NSRP 0.2 BT <0.01
	EBRT	386			Sexual function: 0.8 (0.4–1.3) Sexual bother: 1.1 (0.6–1.9) Urinary function: 0.3 (0.2–0.5) Urinary bother: 0.8 (0.5–1.3) Bowel function: 1.8 (1.0–3.0) Bowel bother: 1.5 (0.9–2.6)	Sexual function: 0.7 (0.2–3.4) Sexual bother: 0.5 (0.2–1.8) Urinary function: 0.2 (0.1–0.6) Urinary bother: 1.3 (0.5–3.7) Bowel function: 4.0 (1.3–11.7) Bowel bother: 1.1 (0.3–3.5)	Non-NSRP 0.7 BT 0.03 EBRT 0.03 WW/AS 0.5 Bowel bother: NSRP 1 Non-NSRP 0.8 BT 0.8 EBRT 0.2 WW/AS 0.2	EBRT 0.01 Bowel bother: NSRP 1 Non-NSRP 0.7 BT 0.05 EBRT 0.9
					Percentage (%) of 5-year PCOS survey responders reporting bother on urinary, bowel, and sexual domain items	Percentage (%) of 15-year PCOS survey responders reporting bother on urinary, bowel, and sexual domain items	OR (95% CI) for responders reporting bother at 5 years OR for the prostatectomy group as compared with the radiotherapy group	OR (95% CI) for responders reporting bother at 15 years OR for the prostatectomy group as compared with the radiotherapy group

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
Resnick 2013, Potosky 2004, Potosky 2000 PCOS questionna ire	Radical prostatectomy	116 4	NR	180	Urinary incontinence No control or frequent urinary leakage: 13.4 Bothered by dripping or leaking urine: 12.9 Sexual function Erection insufficient for intercourse: 75.7 Bothered by sexual dysfunction: 46.7 Bowel function Bowel urgency: 16.3 Bothered by frequent bowel movements, pain, or urgency: 4.4	Urinary incontinence No control or frequent urinary leakage: 18.3 Bothered by dripping or leaking urine: 17.1 Sexual function Erection insufficient for intercourse: 87 Bothered by sexual dysfunction: 43.5 Bowel function Bowel urgency: 21.9 Bothered by frequent bowel movements, pain, or urgency: 5.2	Urinary incontinence 5.10 (2.29–11.36) 7.66 (2.97–19.89) Sexual function 1.96 (1.05–3.63) 1.48 (0.92–2.39) Bowel Function 0.47 (0.26–0.84) 0.93 (0.27–3.22)	Urinary incontinence 2.34 (0.88–6.23) 0.87 (0.41–1.80) Sexual function 0.38 (0.12–1.22) 1.33 (0.58–3.03) Bowel Function 0.98 (0.45–2.14) 0.29 (0.11–0.78)
	EBRT	491			Urinary incontinence No control or frequent urinary leakage: 4.4 Bothered by dripping or leaking urine: 2.9 Sexual function Erection insufficient for intercourse: 71.9 Bothered by sexual dysfunction: 39.7 Bowel function Bowel urgency: 31.3 Bothered by frequent bowel movements, pain, or urgency: 5.8	Urinary incontinence No control or frequent urinary leakage: 9.4 Bothered by dripping or leaking urine: 18.4 Sexual function Erection insufficient for intercourse: 93.9 Bothered by sexual dysfunction: 37.7 Bowel function Bowel urgency: 35.8 Bothered by frequent bowel movements, pain, or urgency: 16.0		
					EPIC scores (mean ± SD) at 12 months Higher values refer to better function	EPIC scores (mean ± SD) at 24 months Higher values refer to better function	95% CI at 12 months	95% CI at 24 months

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals	
Sanda	Radical prostatectomy	603	non-NSRP Urinary Incontinence: 94 ± 12 Urinary Irritative: 87 ±14 Bowel: 95 ± 9 Sexual: 70 ± 27 Hormonal 91 ± 12 NSRP Urinary Incontinence: 93± 12 Urinary Irritative: 87± 14 Bowel: 96± 7 Sexual: 79± 22 Hormonal: 91±11		$\frac{\text{non-NSRP}}{\text{Urinary Incontinence: } 73 \pm 28}$ Urinary Irritative: 89 ± 17 Bowel: 92 ± 16 Sexual: 25 ± 29 Hormonal: 84 ± 22 $\frac{\text{NSRP}}{\text{Urinary Incontinence: } 79 \pm 23}$ Urinary Irritative: 92 ± 11 Bowel: 95 ± 8 Sexual: 38 ± 29 Hormonal: 91 ± 12	$\frac{\text{non-NSRP}}{\text{Urinary Incontinence: } 73 \pm 30}$ Urinary Irritative: 91 ± 12 Bowel: 94 ± 11 Sexual: 25 ± 28 Hormonal: 84 ± 22 $\frac{\text{NSRP}}{\text{Urinary Incontinence: } 81 \pm 22}$ Urinary Irritative: 92 ± 10 Bowel: 96 ± 8 Sexual: 45 ± 31 Hormonal: 92 ± 14	non-NSRP Urinary Incontinence: 63-83 Urinary Irritative: 84-95 Bowel: 86-97 Sexual: 15-35 Hormonal: 77-92 NSRP Urinary Incontinence: 77-81 Urinary Irritative: 91-93 Bowel: 95-96 Sexual: 35-40 Hormonal: 90-92	non-NSRP Urinary Incontinence: 62-84 Urinary Irritative: 86-96 Bowel: 90-98 Sexual: 14-36 Hormonal: 76-92 NSRP Urinary Incontinence: 78-83 Urinary Irritative: 91-93 Bowel: 95-97 Sexual: 41-48 Hormonal: 90-93
Sanda 2008 EPIC	EBRT	292	EBRT alone Urinary Incontinence: 92 ±14 Urinary Irritative: 86 ± 13 Bowel: 94 ± 10 Sexual: 60 ± 28 Hormonal: 90 ± 12 EBRT and NHT Urinary Incontinence: 91 ± 13 Urinary Irritative: 87 ± 13 Bowel: 95 ± 7 Sexual: 56 ± 30 Hormonal: 93 ± 10	30	$\frac{\text{EBRT alone}}{\text{Urinary Incontinence: }90 \pm 17}$ $\text{Urinary Irritative: }88 \pm 14$ $\text{Bowel: }87 \pm 17$ $\text{Sexual: }49 \pm 31$ $\text{Hormonal: }90 \pm 12$ $\frac{\text{EBRT and NHT}}{\text{Urinary Incontinence: }87 \pm 15$ $\text{Urinary Irritative: }87 \pm 13$ $\text{Bowel: }88 \pm 16$ $\text{Sexual: }29 \pm 26$ $\text{Hormonal: }82 \pm 16$	EBRT alone Urinary Incontinence: 88 ± 16 Urinary Irritative: 89 ± 13 Bowel: 88 ± 17 Sexual: 48 ± 30 Hormonal: 90 ± 12 EBRT and NHT Urinary Incontinence: 89 ± 15 Urinary Irritative: 86 ± 15 Bowel: 86 ± 19 Sexual: 25 ± 25 Hormonal: 85 ± 17	EBRT alone Urinary Incontinence: 87-92 Urinary Irritative: 86-90 Bowel: 85-90 Sexual: 45-54 Hormonal: 88-92 EBRT and NHT Urinary Incontinence: 84-91 Urinary Irritative: 84-91 Bowel: 85-92 Sexual: 23-35 Hormonal: 78-85	EBRT alone Urinary Incontinence: 85-91 Urinary Irritative: 87-91 Bowel: 84-91 Sexual: 43-54 Hormonal: 88-92 EBRT and NHT Urinary Incontinence: 84-93 Urinary Irritative: 82-91 Bowel: 81-92 Sexual: 18-33 Hormonal: 80-90
	Brachytherapy	306	BT alone Urinary Incontinence: 93 ± 11 Urinary Irritative: 89 ± 12 Bowel: 96 ± 8		BT alone Urinary Incontinence: 89 ± 16 Urinary Irritative: 81 ± 18 Bowel: 89 ± 16 Sexual: 52 ± 30	BT alone Urinary Incontinence: 87 ± 18 Urinary Irritative: 84 ± 15 Bowel: 88 ± 16 Sexual: 48 ± 30	BT alone Urinary Incontinence: 87-91 Urinary Irritative: 78-83	<u>BT alone</u> Urinary Incontinence: 84-90 Urinary Irritative: 81-86

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reporte	ed Results	Reported p-values or Hazard Ratios with confidence intervals		
			Sexual: 66 ± 29 Hormonal: 93 ± 11 BT and EBRT, NHT or both (NOT INLUDED IN THE REVIEW) Urinary Incontinence: 94 ± 13 Urinary Irritative: 90 ± 11 Bowel: 92 ± 13 Sexual: 61 ± 33 Hormonal: 94 ± 9		Hormonal: 90 ± 13 BT and EBRT, NHT or both (NOT INLUDED IN THE REVIEW) Urinary Incontinence: 94 ± 11 Urinary Irritative: 80 ± 18 Bowel: 88 ± 21 Sexual: 45 ± 31 Hormonal: 88 ± 14	Hormonal: 91 ± 12 BT and EBRT, NHT or both (NOT INLUDED IN THE REVIEW) Urinary Incontinence: 84 ± 27 Urinary Irritative: 80 ± 23 Bowel: 87 ± 18 Sexual: 54 ± 31 Hormonal: 93 ± 13	Bowel: 87-91 Sexual: 48-56 Hormonal: 88-92 BT and EBRT, NHT or both (NOT INLUDED IN THE REVIEW) Urinary Incontinence: 90-99 Urinary Irritative: 73-87 Bowel: 80-95 Sexual: 34-57 Hormonal: 83-93	Bowel: 86-91 Sexual: 43-53 Hormonal: 89-93 BT and EBRT, NHT or both (NOT INLUDED IN THE REVIEW) Urinary Incontinence: 70-98 Urinary Irritative: 67-92 Bowel: 78-97 Sexual: 38-70 Hormonal: 86-101	
					Change in UCLA-PCI scores between pre-treatment and 12 months		_	PIC scores from baseline nonths	
	Radical prostatectomy	42	Urinary function: 90 Urinary bother: 82 Sexual function: 58 Sexual bother: 64 Bowel function: 88 Bowel bother: 91		Urinary function: -27.8 Urinary bother: -15.3 Sexual function: -38.4 Sexual bother: -34.6 Bowel function: -0.5 Bowel bother: -4.7		Urinary b	function: 0.004 <i>favouring EBRT</i> Urinary bother: NSS	
Schapira 2001 UCLA-PCI	EBRT	51	Urinary function: 89 Urinary bother: 80 Sexual function: 39 Sexual bother: 55 Bowel function: 89 Bowel bother: 86	12	Urinary function: 0.4 Urinary bother: 1.3 Sexual function: -13.9 Sexual bother: 5.1 Bowel function: -9.6 Bowel bother: -9.4		Sexual function: 0.001 favouring EBRT Sexual bother: NSS Bowel function: NSS Bowel bother: NSS		
			Baseline EPIC score mean (99% confidence interval)		EPIC scores at 1 year mean (99% confidence interval)				

Author, year, PROM tool used	Interventions	N at baseline	Baseline QoL mean scores (SD)	Follow up (months)	Reported Results		Reported p-values or Hazard Ratios with confidence intervals
Symon	Radical prostatectomy	24	Urinary irritative: 87.7 (79.6–95.8) Urinary incontinence: 92.9 (85.6–100) Bowel: 92.6 (86.2–99.1) Sexual: 62.1 (47.7–77.5) Hormonal: 97.3 (81.9–92.7)		Urinary irritative: 91 (86.3– 95.7) Urinary incontinence: 84.9 (74.2–95.5) Bowel: 95.6 (91.5–99.7) Sexual: 31.5 (16.8–46.1) Hormonal: 93.2 (88.1–98.3)		NR
2006 EPIC	EBRT	26	Urinary irritative: 86.2 (80.4–92) Urinary incontinence: 94.4 (88.9–99.9) Bowel: 95.7 (93.6–97.8) Sexual: 51.6 (38.6–64.7) Hormonal: 89 (81.5–96.5	12	Urinary irritative: 82.9 (71.3–94.4) Urinary incontinence: 91.5 (82.8–100) Bowel: 88.9 (82.4–95.5) Sexual: 35.7 (23–48.5) Hormonal: 86.3 (79.5–93)		

NR: Not reported

NSS: Not statistically significant

AS: Active surveillance RP: Radical prostatectomy

NS: Nerve-sparing

NSRP: Nerve-sparing radical prostatectomy

EBRT: External beam radiotherapy SBRT: Stereotactic body radiotherapy IMRT: Intensity-modulated radiotherapy

BT: Brachytherapy

NHT: Neoadjuvant hormone therapy