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## Value-Based Health Care (VBHC) decisions in Localized Prostate Cancer Treatments: A single institution experience

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- Despite comparable outcomes of the different treatment options of localized prostate cancer (LPC), the side effects, the impact on quality of life (QoL) and the cost are diverse.
- In the era of shared decision-making, where health organizations make value-based health care (VBHC) decisions, the improvement of instruments to evaluate the different treatment options is crucial.
- The *Expanded Prostate Cancer Index Composite (EPIC-26)*, a validated questionnaire that measures health-related QoL was applied to all patients at baseline and at 6 months, regardless of the treatment received in a single institution.



Table 1: EPIC-26 Global Score for patients at baseline and at 6 months.

	EPIC26 Global Score Average [95 CI]		
Domain Summary Scores	Baseline	6-month	P value
Urinary Incontinence	96.26 (94.23 – 98.29)	85.90 (80.04 – 91.77)	<b>0.001</b>
Urinary Irritative/Obstructive	88.53 (85.56 – 91.51)	88.81 (84.22 – 93.41)	0.92
Bowel	95.42 (93.41 – 97.42)	94.77 (91.04 – 98.45)	0.73
Sexual	66.99 (61.02 – 72.96)	41.28 (32.70 – 49.86)	<b>&lt;0.001</b>
Hormonal	90.80 (88.24 – 93.36)	91.38 (87.34 – 95.41)	0.81

**Conclusion:** After treatment, the EPIC-26 was capable to identify worsening QoL in ***Urinary Incontinence*** and ***Sexual*** domains in patients who received treatment for LPC. Patient Reported Outcomes instruments may be used to help **institutions** and **patients** to improve VBHC decisions.