Salvage Focal Cryotherapy Offers Similar Short-term Oncological Control and Improved Urinary Function Compared to Salvage Whole Gland Cryotherapy for Radiation Resistant/Recurrent Prostate Cancer

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Aim:
• To compare short-term oncological and functional outcomes of salvage focal cryotherapy (SFC) to salvage total cryotherapy (STC) for radiation persistent/recurrent prostate cancer.

Methods:
• We queried the COLD registry for men who underwent SFC and STC of the prostate for radiation persistent/recurrent disease.
Standardized differences
Weighted Kaplan Meier

Biochemical Recurrence, %

Follow-up (months)

log-rank test: $p = 0.11$

Salvage Focal Cryotherapy
Salvage Total Cryotherapy
Results

• After propensity score weighting, patients who were treated with STC did not have a significant difference test in PFS compared to patients treated with SFC on weighted log-rank test (79.8% vs. 76.98%, p= 0.11).
Conclusion:

• STC has similar 2-year oncological outcome compared to SFC in the radiation- persistent/recurrent disease population, but patients who underwent SFC have a lower urinary retention rate compared to STC.
THANK YOU