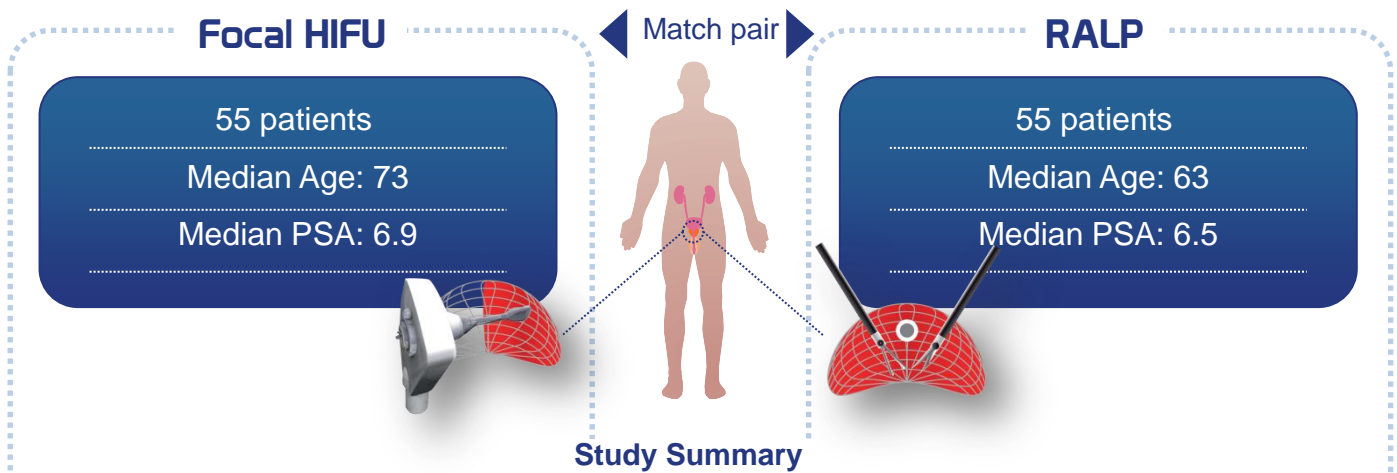


Comparing HIFU Hemi ablation to Radical Prostatectomy in the Management of Unilateral Prostate Cancer : A Matched Pair Analysis

Albisinni S, Aoun F, Bellucci S, Biaou I, Limani K, Hawaux E, Peltier A, van Velthoven R.
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Comparison of functional and oncological outcomes of HIFU Hemiablation and Robot Assisted Laparoscopic Prostatectomy
Median follow up: 36 months
Treatment failure: need for salvage therapy (EBRT) or androgen deprivation therapy (ADT)

- Diagnostic based on mpMRI and MR guided biopsy. Only one significant difference, the age which is the highest predictor of recovery.
- Biased in favor of RALP as diagnostic is confirmed by pathologic analysis whereas HIFU patients only had biopsies

Results

Continenence
82% (1mo) 94.5% (12mo)

De Novo persistent ED
20%

Continenence
40% (1mo) 87% (12mo)

De Novo persistent ED
44%

- Morbidity was significantly lower despite the fact that the HEMI HIFU men were ten years older!

Salvage Therapy:
7/55

Salvage Therapy:
6/55

- No meaningful efficacy difference.

Conclusions

Quote from the publication

“ In this matched pair analysis, HIFU hemiablation was comparable to RALP in controlling localized, unilateral PCa, with no significant differences in the need for salvage therapies. HIFU was also associated to significantly better functional outcomes.”



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