

# Salvage high-intensity focused ultrasound (HIFU) for locally recurrent prostate cancer after failed radiation therapy: Multi-institutional analysis of 418 patients

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## Study Summary

Retrospective multicenteric study of patient who underwent salvage HIFU after EBRT failure.

**PSA biochemical recurrence** was defined as PSA  $\geq$  PSA nadir +2 ng/mL

S-HIFU	Age median	PSA median	Pre-HIFU PSA		
			$\leq 4$	4-10	$\geq 10$
	68.6	6.8	41.4 %	39.7 %	18.2 %

→ 418 patients: Largest series of salvage treatments

## Overall results

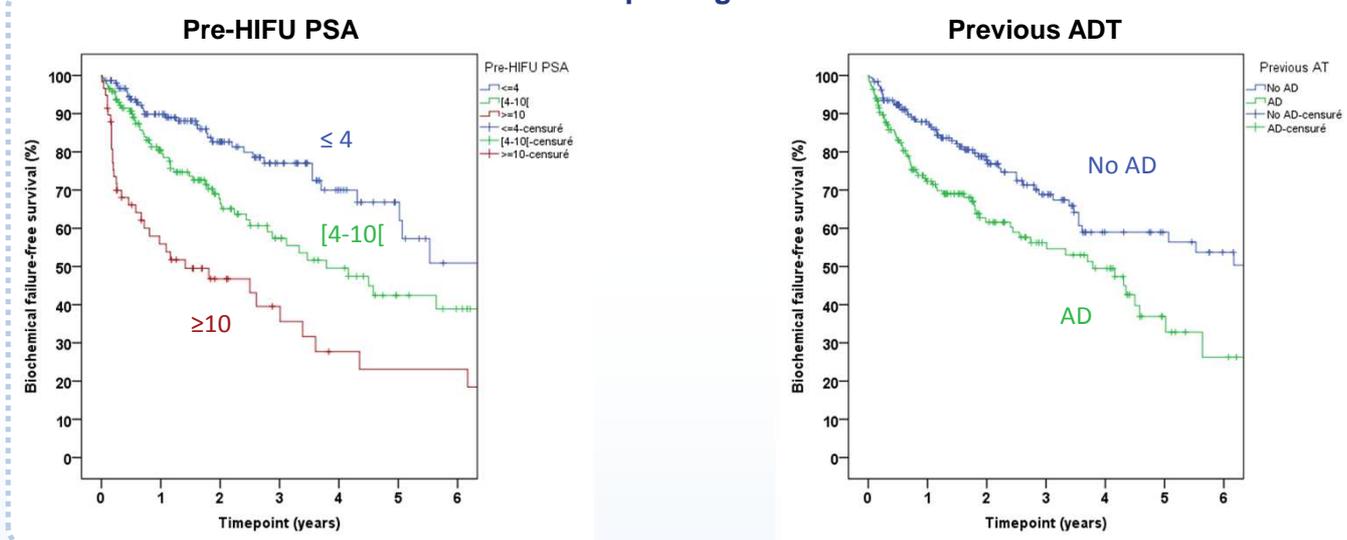
7 year metastasis free rate: 81%

→ Very high metastasis free rate for this population

### Post-radiation parameters

Incontinence	19 %
BOO	15 %
Fistula	0.6%
Pubic bone osteitis	2 %

## Factors impacting Survival



- Do not wait for PSA to rise before doing salvage HIFU
- Hormone therapy does not improve biochemical free survival rate
- **Importance of treating salvage patients quickly after recurrence**

## Conclusions

Quote from the publication

« The data presented supports the view that salvage HIFU should now be considered as a valuable definitive treatment option for patients with sufficient life expectancy to justify a salvage curative treatment »



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