

# Validated 3-Month Post-RARP Erection Fullness Model to Predict Potency Recovery

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# Introduction

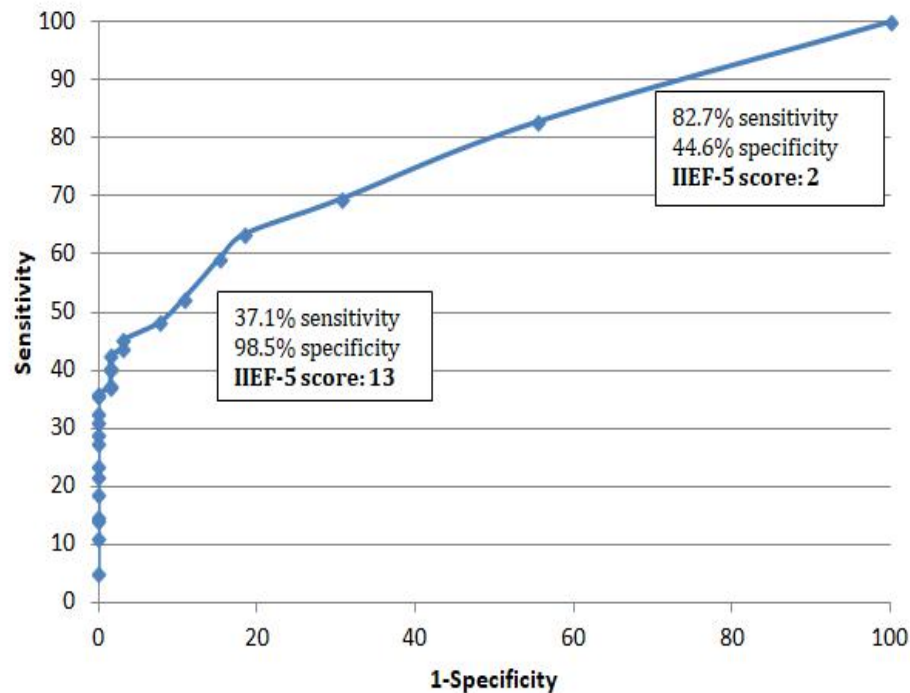
- In 2018, we introduced a 90-day percent erection fullness model as a qualitative adjunct to the IIEF-5 [Huynh, BJUI 2018; 122: 249-254].
- Compared to patients reporting 25-100% fullness at 90-days, patients reporting 0-24% fullness were 6 times more likely to suffer from long-term impotence.
- The present study seeks to internally and externally validate this scale in a prospective, multi-center patient populations.

## Materials and Methods

- Previous models were re-developed with a 1-year potency endpoint (defined as erections sufficient for intercourse).
- This model was applied to a multi-center cohort of 91 patients with preoperative IIEF-5 22-25, across 5 surgeons for external validation.



# Multivariate Regression of Factors Predicting 1-Year Potency Recovery (AUC=0.887)



**Percent erection fullness at 90-days post-RP discriminates well between patients with a low versus high probability of recovery of EF.**