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Longitudinal analysis of trifecta outcome in robot-assisted laparoscopic radical prostatectomy

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Introduction

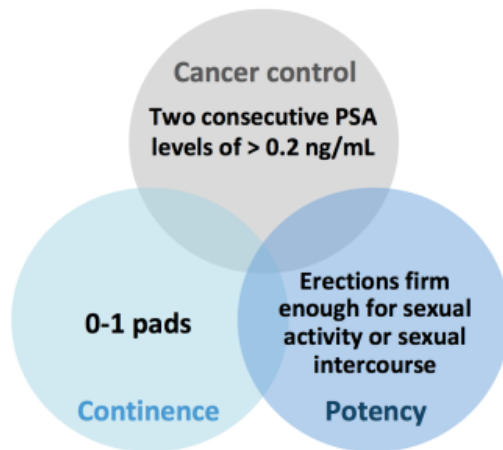
- ✓ The **trifecta** is most emphasized as **the true endpoint** in the patient with localized PC.
- ✓ Trifecta rate is reported to 20-91% and the follow-up period is various with 12-54 mo.
- ✓ It can be a major problem to evaluate postoperative outcome, because **cancer recurrence and functional recovery vary with time.**

Objective

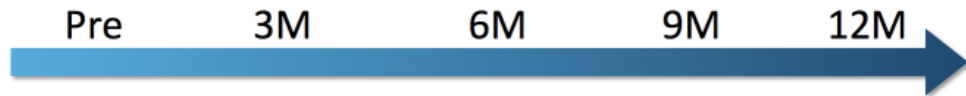
- To analyse the trifecta outcome **longitudinally** in RARP.

Methods

Trifecta definition



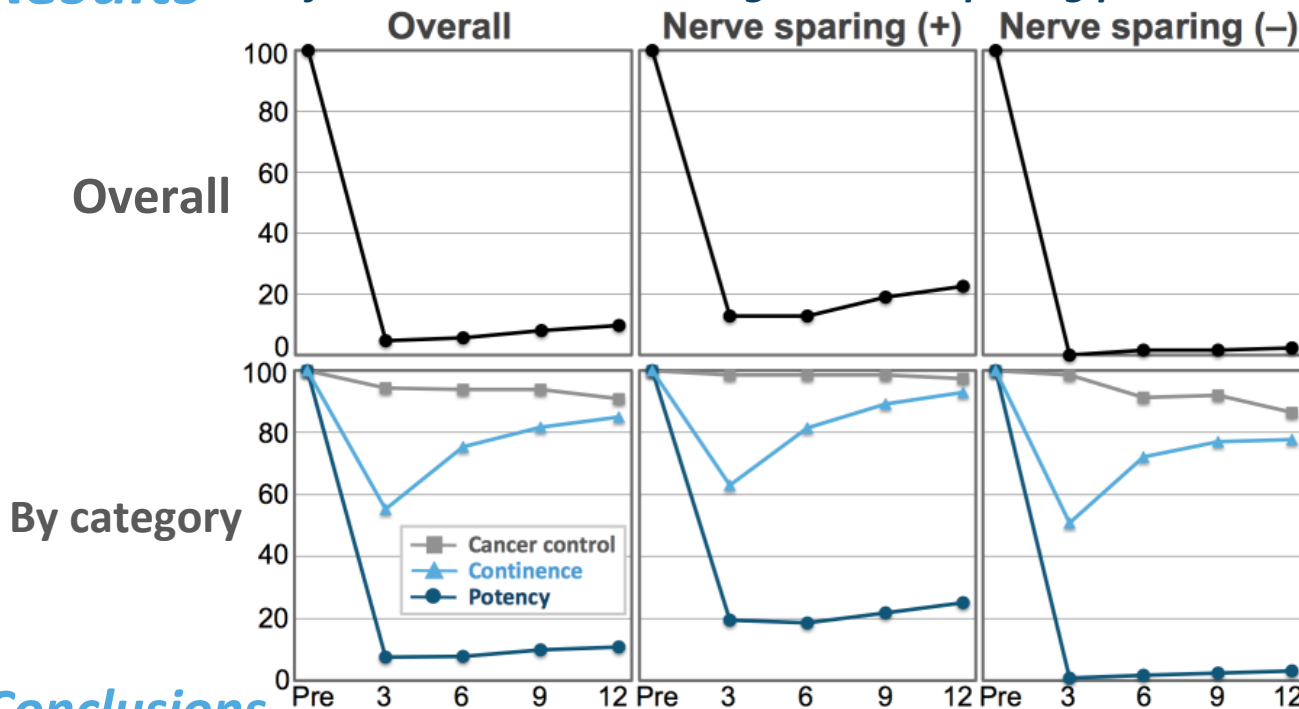
- Prospectively obtained **one-year longitudinal EPIC data** from 458 patients who underwent RARP
- **Exclude** 167 patients with **incontinence** or **ED** at preoperative





Results

Trifecta outcome according to nerve-sparing procedure



- ✓ Trifecta rate was **gradually improved** only in the patients with **nerve sparing** procedure.
- ✓ The recovery rate of **potency** was **extremely low** even in nerve sparing case.

Conclusions

- ✓ Trifecta outcomes reflect patient expectations following RARP.
- ✓ **Potency rate** was associated with **the achievement of trifecta**.

