

MP67-01 Surgeon and patient factors impact total operative time of robot-assisted radical prostatectomy

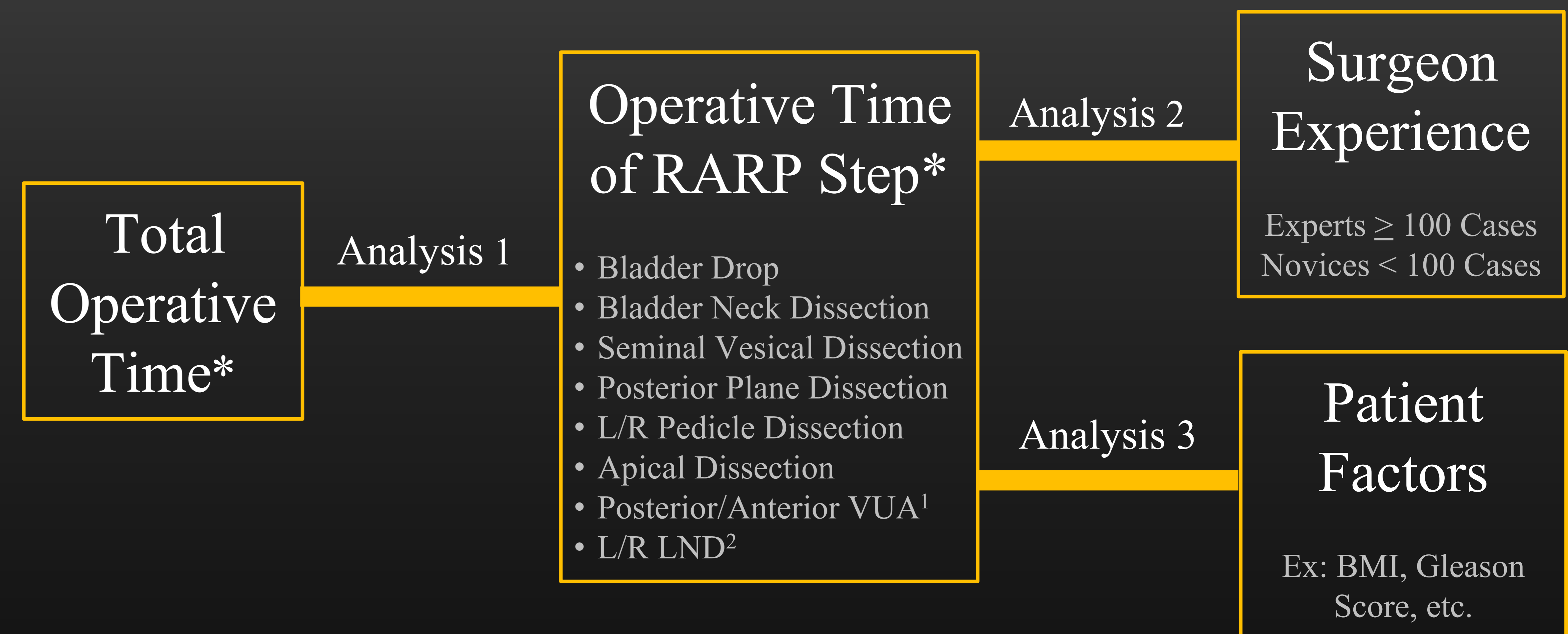
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Andrew J. Hung has financial disclosures with Quantgene, Inc. (consultant) and Mimic Technologies, Inc. (consultant).

This study aims to evaluate whether patient factors and surgeon experience affect total operative time of a robot-assisted radical prostatectomy (RARP)

- 131 RARP cases were quartile-ranked based on total operative time
- The 12 RARP steps were also quartile-ranked by operative time
- Each analysis compared different factors to operative times of individual RARP steps to determine significant associations



*Quartile-ranking based on operative time was considered for analysis

¹Vesicourethral anastomosis

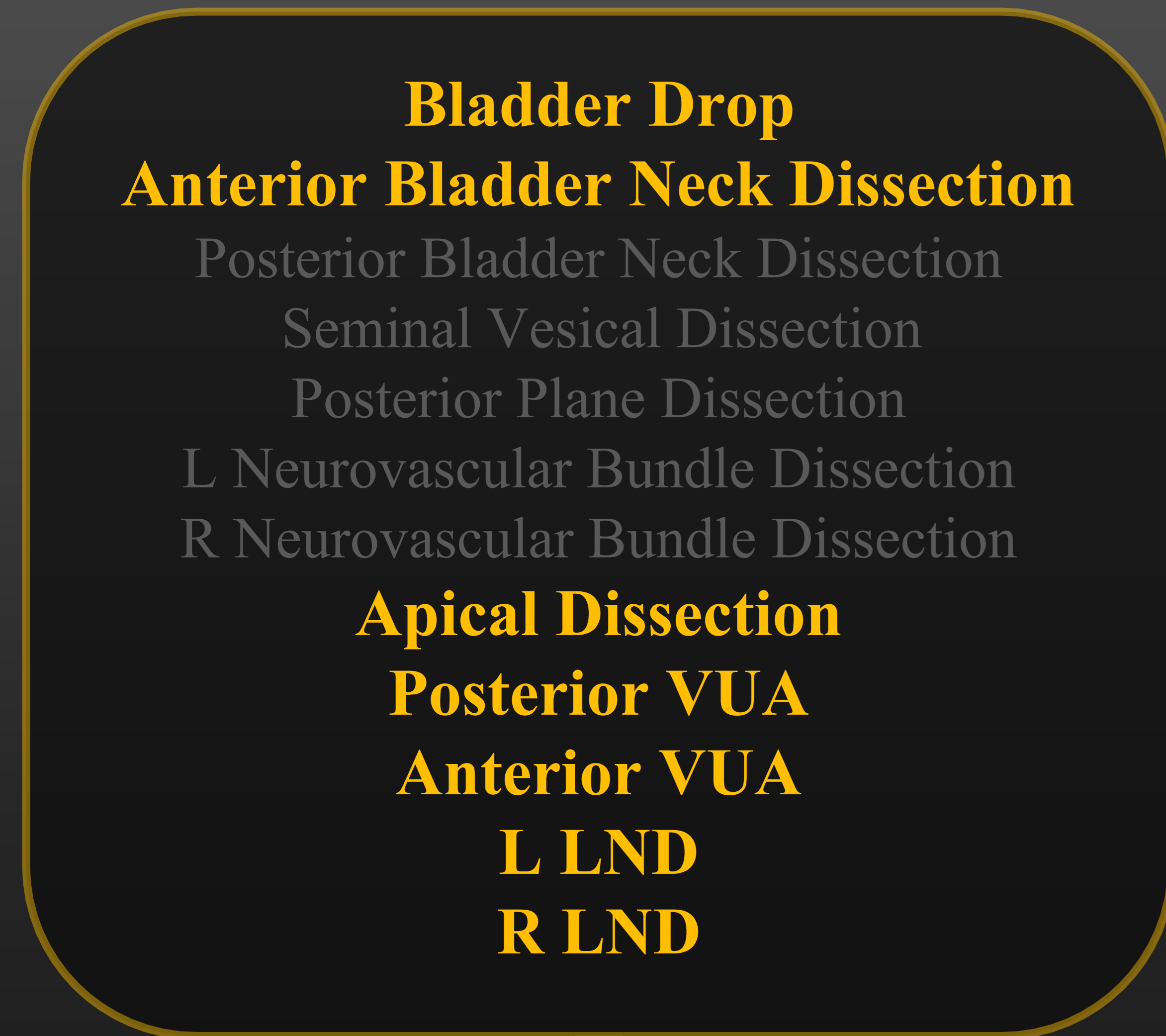
²Lymph node dissection



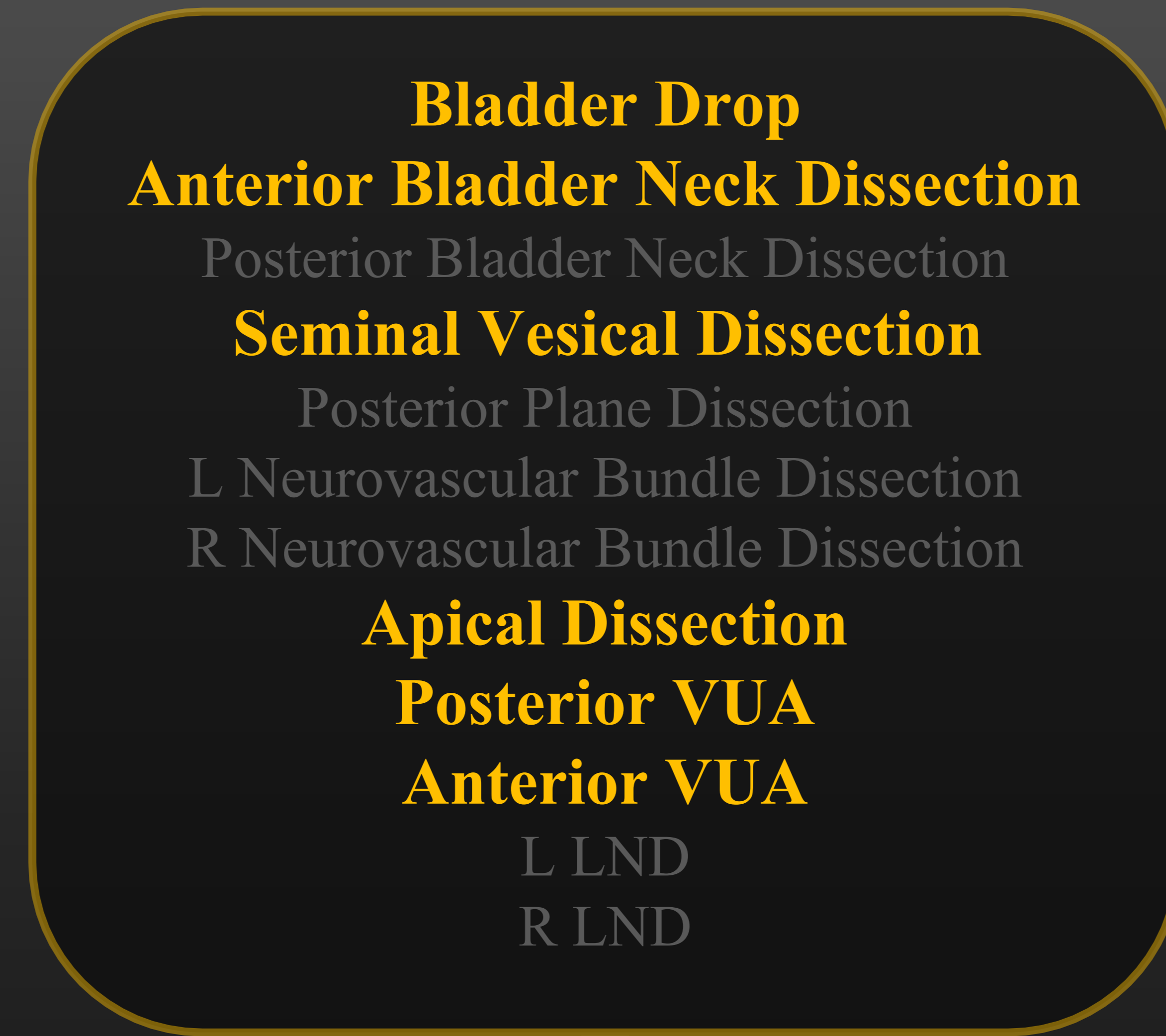
Analysis 1 – Total Operative Time

Analysis 2 – Surgeon Experience

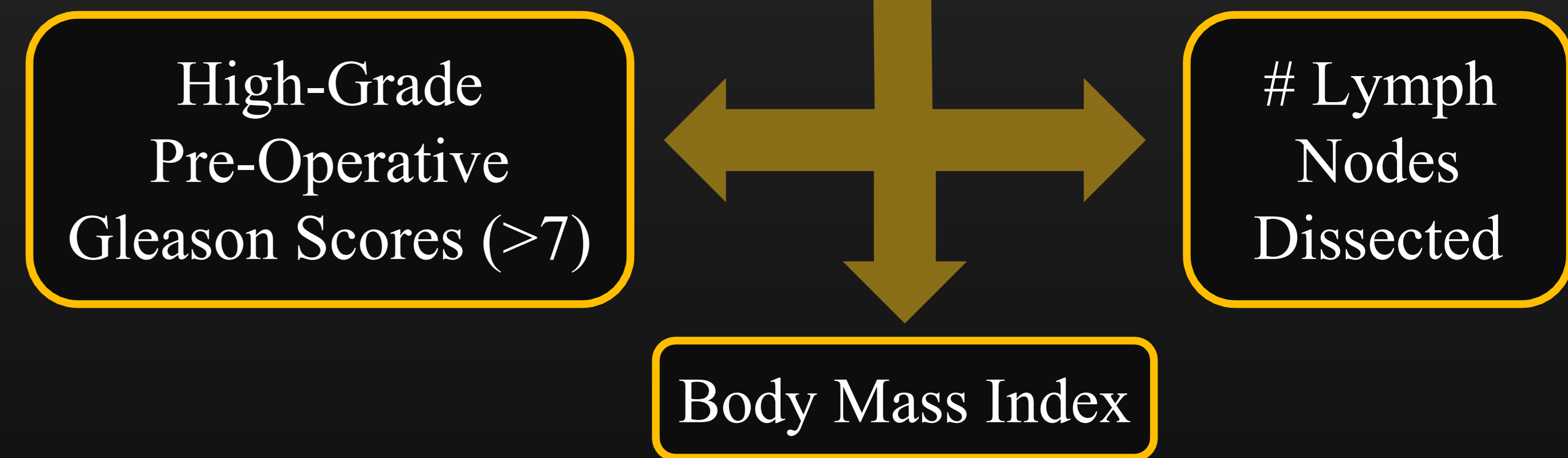
Analysis 3 – Patient Factors



Total RARP Operative Time



Surgeon Experience



- Specific steps of an RARP are associated with total RARP operative time
- Certain steps are associated with either surgeon experience or patient factors

Significantly associated steps ($p < .05$) in yellow