



# Da Vinci SP radical prostatectomy: a multicentric collaboration and step-by-step techniques

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### ABSTRACT

*Introduction:* Several techniques of robotic-assisted radical prostatectomy (RARP) using the da Vinci SP (SP) have been described since its clearance by the FDA (Food and Drug Administration) in 2018 (1, 2). Even with the expanding literature about this robot, the SP technology has been restricted to a few centers in the US and Asia due to the recent release of this robot in the marked.3 In this scenario, we provided, in this video compilation, a consensus of SP referral centers describing the current approaches and techniques of da Vinci SP Radical prostatectomy (SP-RARP).

*Surgical Technique:* We have illustrated five different techniques, including transperitoneal, extraperitoneal, Retziussparing, transvesical, and transperineal (4-6). Each surgery demonstrated crucial steps from the trocar placement until anastomosis. All approaches follow anatomic concepts and landmarks to minimize positive surgical margins, optimize oncological outcomes and promote optimal functional recovery. The trocar placement and the use of an assistant port were selected according to the operative technique of each institution. None of these surgeries had intra- or postoperative complications, and the pain management until discharge was controlled without using narcotics. All patients were discharged in less than 16 hours of surgery.

*Conclusion:* Robotic-assisted radical prostatectomy performed with the da Vinci SP is feasible and safe with optimal perioperative outcomes. Five different approaches were described in this video compilation, and we believe that the technical details provided by this multicentric collaboration are crucial for centers willing to initiate the SP approach to radical prostatectomy.

#### **COMPLIANCE WITH ETHICAL STANDARDS**

Dr. Jihad Kaouk is a speaker Bureau for Intuitive Surgical. Dr. Simone Crivellaro is consultant for Intuitive Surgical.

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#### **CONFLICT OF INTEREST**

None declared.

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