

## AB050. Nursing managements of acupuncturing biopsy of prostate

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**Background:** To explore the effect of clinical nursing intervention on the results and complications of ultrasound-guided transrectal prostate biopsy.

**Methods:** We analyzed 136 cases of ultrasound-guided transrectal prostate biopsy in our department from January 2015 to December 2017; summarized the nursing measurements, including preoperative bowel preparation and psychological nursing, close observation of patients' reaction and cooperation with doctors. And took measures for fever, hematuria, blood stool, pain and urinary retention, and strengthened nursing for the complications postoperatively.

**Results:** Ultrasound-guided transrectal prostate puncture biopsy is a method to screen the positive rate of prostate cancer, and the patient's predictive nursing intervention can enhance the success rate of puncture biopsy, prevent the occurrence of complications and improve nursing

satisfaction.

**Conclusions:** Ultrasound-guided transrectal prostate biopsy is mostly in elderly patients, so the patient is prone to pessimism, anxiety and other negative emotions, effective communication can ease the patient's bad mood; Adequate bowel preparation can prevent infection; during the process, most of the patients were nervous, the doctor should be gentle, give pertinence communication and intimate care; After the operation, observe the patients' discomfort, manage the complication timely, pay especial attention to the change of vital signs; apply effective antibiotics can effectively prevent and reduce the occurrence of postoperative infections. Therefore, para-operative high-quality and effective whole-nursing interventions are of great significance, to the ultrasound-guided transrectal prostate biopsy patients, to ensure the success rate of puncture biopsy, reduce the incidence of complications, accelerate the rehabilitation of patients, improve the satisfaction of nursing. Medical workers should take them seriously.

**Keywords:** Prostate; puncture biopsy; complication; nursing intervention

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