



What's the choice between radical nephrectomy and simple nephrectomy or partial nephrectomy in management of localized renal cell carcinoma.

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Abstract:

Purpose: The purpose of this paper is to review available evidence to compare oncologic outcomes between partial nephrectomy and radical nephrectomy for localized renal cell carcinoma, and to compare clinical efficacy of radical nephrectomy with simple nephrectomy in treating patients with localized renal cell carcinoma.

Methods: Through searched several public databases including pubmed , MEDLINE , Springer , Elsevier Science Direct , Cochrane Library , and Google Scholar, The key words “Radical Nephrectomy” , “Simple Nephrectomy” , “Nephron Sparing Surgery” , “ Partial Nephrectomy” , “Renal Cell Carcinoma” ,” Renal tumor” , and “ Study “ Or “ Trail” were used to retrieve the potentially relevant literature. A Publication met the predetermined search strategy. Full publications were obtained and reviewed to determined how this research is being used in education, research, and practice.

Finding: A Comparison studies have been conducted on a variety of research instruments , between RN and PN with oncologic outcomes (local ipsilateral recurrence , distant metastasis , and cancer specific mortality [CSM]) and clinical outcomes(other cause of mortality[OCM], > 10% decrease in estimated glomerular filtration rate[CKD10%] , and decrease in estimated glomerular to < 45 ml/min/1.73 m² [CDK,45]). RN was not associated with significant difference in the development of distant metastasis and CSM. Although RN was associated with an increased risk of CDK10% , and CDK,45, it was not associated with OCM or ACM.

Conclusion: Since the publication of Vincent Vermooten paper from five decades show how correct was his suggestion to use partial Nephrectomy in a patient with a Healthy contralateral kidney. To date, for T1a renal cell carcinoma and is a suitable option for cT1b tumors . Simple nephrectomy seems to be as effective as radical nephrectomy in tumors up to 4cm.



Biography:

Nura Ahmed Feituri is a surgeon by profession; she worked at many public hospitals between Benghazi and Tripoli, now she works at Tripoli Central Hospital. Nura is a specialist in General surgery, and has an interest to be specialized in surgical oncology, and coloproctology and pelvic floor diseases, currently she is involved in a master of Reconstructive surgery and oncoplastic surgery of the breast in Universidad d Complutense de Madrid. Dr Nura has 9 years of experience as general surgeon, worked in many surgical departments, and attended various basic and advanced courses as part of the intensive training program, she has an experience in dealing with war victims, collaborated with groups of international surgeons and multiple organizations during the war in 2011 . Dr Nura Feituri graduated from Benghazi University at 2008, passed both the Libyan and Arab Board, also she is a Member of the Royal College of Surgeons MRCS. Nura grew up in Benghazi Libya , lived in Madrid around 4 years, She speaks Arabic , English C1, Spanish C1, and Italian B1. Finally Dr Nura is passionate to have a great progress in her carrier as surgeon and researcher.

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