AND A NORMAL PREOPERATIVE RENAL FUNCTION CARDIOVASCULAR EVENTS AFTER SURGERY IN PATIENTS WITH A SMALL RENAL MASS NEPHRON SPARING TECHNIQUES INDEPENDENTLY REDUCE THE RISK OF

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cardiovascular risk vs. RN) on prevalence of CE after accounting for clinical characteristics, comorbidities and individual cardiovascular risk of the patients. In the current study, we aimed to test the effect of treatment type (NSS of those studies could not adjust their results for potential selection bias secondary to clinical baseline when compared with radical nephrectomy (RN) in patients with small renal masses. However, the majority Some reports suggested that nephron sparing surgery (NSS) may protect against cardiovascular events (CE)

Materiali e metodi

diabetes at diagnosis, baseline Charlson comorbidity index (CCI) and smoker status. analyses predicting CE were performed. To adjust for inherent baseline differences among patients, we heart failure, cardiac dysrhythmias or cerebrovascular disease. Univariable and multivariable Cox regression m2). CE was defined as the onset of coronary artery disease, cardiomyopathy, hypertensive heart disease, filtration rates (eGFR) before surgery (defined as a pre-operative eGFR\ge 60 milliliters per minute per 1.73 patients with a clinical T1a-T1b N0 M0 renal mass and complete cardiovascular event follow-up data. A multi-institutional collaboration among four European Tertiary Care Centers allowed collecting 133: relied on multivariable analyses adjusting for age, clinical tumor size, gender, presence of hypertension or Patients underwent RN (n=462, 34.7%) or NSS (n=869, 65.3%) and showed normal estimated glomerular

of 71 months, 197 patients (14.8%) developed a CE. When stratifying for treatment type, 10.5 vs. 22.9% hypertension or diabetes, respectively. CCI resulted 0-1 in 70.8% of the patients. At a mean follow up period patients developed CE (p Mean patient age resulted 60.6 years (median 62). Overall, 14.7% and 11% of the patients had uncontrolled

the risk to develop CE relative to RN counterparts The risk of cardiovascular event after renal surgery is not negligible. Patients treated with NSS have half of

independently decrease the risk of CE relative to RN Also after accounting for clinical characteristics, comorbidities and cardiovascular risk at diagnosis, NSS

AND FUNCTIONAL LONG TERM FOLLOW UP PARTIAL NEPHRECTOMY FOR PATIENTS WITH A SOLITARY KIDNEY: ONCOLOGICAL

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kidney that provide favourable outcomes for renal function and oncological control been only a few reports from a limited number of institutions concerning PN for patients with a solitary compromising oncological efficacy. Partial nephrectomy (PN) is still a challenging technique and there have renal cortical tumour; preserving renal parenchyma is imperative and must be weighed against the risk of The most critical indication for partial nephrectomy remains a patient with a solitary kidney containing a

of the tumors scored below 9 points according to the R.E.N.A.L Nephrometry score.Renal function was measured by serum creatinine level on postoperative day 1,3,4,7,30,6 and 12 months the analysis. Median preoperative radiologic tumour size was 4.1 cm along with a R.E.N.A.L.score of 6.All and their outcomes assessed. A total of 63 patients with a solitary kidney were identified and included in 1997 to June 2013 were retrospectively analyzed. Patients presenting with a solitary kidney were identified Medical records of 483 consecutive patients who underwent OPN(369 pts)and LPN(114 pts)from January

creatinine values. In 38% of the patients was recorded a not-significant worsening of serum creatinine. In with embolization.4 patients required blood transfusion due to anemia. Overall, 21% of the patients didn't in all patients. Post operative stage was characterized by 5 urinary fistulae treated by the placing of uretheral cardiovascular problems and 1 for unknown cause. local recurrence, 12% metastases, 6,5% both local and distant masses. 8 patients died: 5 for renal tumor, 2 for consistent with what was reported in other studies.22% of patients 14 had a tumor recurrence with a 3.5% of run follow up,95,5% of patients preserved a normal renal function. Our oncologic results in the long run were mg/dl,a percentage of resected parenchyma of 40% and an average ischemic time >30 minutes. In the long respect to the pre-operative values. 70% of these patients had a pre-operative serum creatinine grater than 1.5 35% of the patients, a worsening of the renal function was recorded, with a increase greater than 50% with experience any increase of serum creatinine, while 41% experienced a significative worsening in serum stent,2 arterovenous fistulae appeared during the 5th and 15th post-operative day which were treated renal cell carcinoma, in 12 papillary, 8 chromofobe, 7 oncocytoma. Negative surgical margins were achieved percent of parenchyma resected had been 30±20%. In 36 patients, the pathological examination revealed The median operative time was 121 min(121-243). No remarkable bleeding occurred during surgery. Mean

in the first post-operative year. Nephron sparing surgery is an absolute indication in patients with a solitary kidney or renal deterioration. The procedure results safe with low complication rate. After an initial decrease of renal function, it stabilizes

The results in the long run show also the validity of the procedure with great oncological results.