

the ONA take:

Patients with unilateral Wilms tumor who underwent unilateral [radical nephrectomy](#) without nephrotoxic chemotherapy or ionizing radiotherapy appear to have a low risk for developing significant long-term renal dysfunction, according to a study published last month in the journal Cancer.

Wilms tumor is a malignant tumor of the kidney and is the most common type of kidney cancer in children. The American Cancer Society estimates that there are about 500 new cases of Wilms tumor diagnosed in the United States each year.

For the study, researchers sought to evaluate the impact of partial nephrectomy on long-term renal dysfunction in children with unilateral Wilms tumor who were not treated with nephrotoxic chemotherapy or ionizing radiation.

Results showed that during the 19.6 years of median follow-up, 21.3% of the 75 patients had an estimated glomerular filtration rate (eGFR) <90 mL/minute/1.73m² and 12.5% had proteinuria. Researchers found that no patients had an eGFR <60 mL/minute/1.73m² and 6.7% of patients had hypertension.

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