

Nephroblastoma at Universitas Academic Hospital Complex in the Last 20 Years

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Abstract : Introduction: Nephroblastoma is a common paediatric tumor with good survival rates when diagnosed and treated early. Method: This retrospective study aimed to describe the patients with nephroblastoma seen at Universitas Academic Hospital Complex between the years 2000 and 2020. Results: In the study period, there were 207 patients identified. The patient profile had slightly more male than female patients; the median age was under four years of age. The study found a median delay of one month between symptom onset and diagnosis; a common cause was a delay in seeking care. Patients diagnosed and treated more than a month after symptoms started had poorer survival rates. There was a higher rate of Stage IV disease compared to similar studies in South Africa. Good preoperative histology and no relapse had good survival rates.. Patients from Lesotho had longer delays and presented with more severe diseases than the South African cohort. Conclusion: Early identification and treatment lead to better outcomes. Health-seeking behaviour, misdiagnosis, and referral delays might contribute to the long delays. A targeted study for patients from Lesotho is recommended.

Keywords : nephroblastoma, South Africa, Lesotho, developing country

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