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A Case Study on Wilms Tumor in One Year Old Child

P. Sharmila Nirojini[1], Lavanya. S[2], Kalpitha mrinali. VB[3], Kowsalya. V[4]

[1]HOD and Professor, Department of Pharmacy Practice, Swamy Vivekanandha College of Pharmacy, Elayampalayam, Tiruchengode, Tamil Nadu-637205.

[2,3,4]Pharm D Interns, Department of Pharmacy Practice, Swamy Vivekanandha College of Pharmacy, Elayampalayam, Tiruchengode, Tamil Nadu-637205.

Email Id: serviceheb@gmail.com

INTRODUCTION:

Wilms tumor is a rare renal cancer that mainly affects children. In worldwide, it is the fourth common cancer in pediatric department. It affects mostly less than 5 years of age children. In this cancer is otherwise called as nephroblastoma (1). The exact cause of this disease is unknown. Tumor suppressor gene and other chromosomes may cause the abnormalities. High risk of patient with wilms tumor having Beckwith - wiedemann syndrome, WAGR (Wilms tumor, Aniridia, Genitourinary malformations) syndrome and Denys - Drash syndrome (2). In epidemiological study, many countries of 90% patients affected in this disease but only 15% of patients can recur (3). The overall survival rate is good. A complex risk factor can be based on patient age, tumor size, histology and pathology reports, tumor volume and response to the treatments (4).

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