

Review Form 3

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_124643
Title of the Manuscript:	Incidence and Geographic Distribution of Renal Tumors in Brazilian Children (2013-2022)
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>1. Comprehensive data analysis: The study utilizes a large dataset (2,728 cases) spanning a decade (2013-2022), providing a robust foundation for epidemiological analysis of pediatric renal cancer in Brazil.</p> <p>2. Methodological rigor: The authors employ appropriate statistical methods, including the Kruskal-Wallis test with Dunn's post-hoc test and Pearson's chi-square test, enhancing the validity of their findings.</p> <p>3. Detailed demographic and clinical profiling: The study presents a comprehensive breakdown of patient characteristics, including age groups, sex, treatment modalities, and disease staging, offering valuable insights into the epidemiology of pediatric renal cancer in Brazil.</p> <p>4. Geographical analysis: The inclusion of state-wise incidence rates provides a nuanced understanding of regional variations in disease burden, which can inform targeted healthcare interventions.</p> <p>5. Temporal trend analysis: The study identifies a 30% increase in incidence over the study period, highlighting the growing importance of pediatric renal cancer as a public health concern.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>1. Comprehensive data analysis: The study utilizes a large dataset (2,728 cases) spanning a decade (2013-2022), providing a robust foundation for epidemiological analysis of pediatric renal cancer in Brazil.</p> <p>2. Methodological rigor: The authors employ appropriate statistical methods, including the Kruskal-Wallis test with Dunn's post-hoc test and Pearson's chi-square test, enhancing the validity of their findings.</p> <p>3. Detailed demographic and clinical profiling: The study presents a comprehensive breakdown of patient characteristics, including age groups, sex, treatment modalities, and disease staging, offering valuable insights into the epidemiology of pediatric renal cancer in Brazil.</p> <p>4. Geographical analysis: The inclusion of state-wise incidence rates provides a nuanced understanding of regional variations in disease burden, which can inform targeted healthcare interventions.</p> <p>5. Temporal trend analysis: The study identifies a 30% increase in incidence over the study period, highlighting the growing importance of pediatric renal cancer as a public health concern.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>		
<p>Are subsections and structure of the manuscript appropriate?</p>		
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically</p>		

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<p>robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>		
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>	<p>1. Inclusion of histological data: Future studies should aim to incorporate detailed histological information to differentiate between various types of renal tumors, such as Wilms tumor, renal cell carcinoma, and other rarer forms. This would provide more specific epidemiological insights.</p> <p>Example: "Among the 2,728 cases, 85% were classified as Wilms tumor, 10% as renal cell carcinoma, and 5% as other rare renal neoplasms."</p> <p>2. Analysis of survival outcomes: Incorporating data on patient survival and long-term outcomes would significantly enhance the study's clinical relevance.</p> <p>Example: "The 5-year overall survival rate for children with renal cancer was 80%, with significant variations observed across disease stages and geographical regions."</p> <p>3. In-depth exploration of risk factors: Future research should aim to collect and analyze data on potential risk factors, including genetic predisposition and environmental exposures.</p> <p>Example: "10% of cases were associated with known genetic syndromes, while 15% showed a correlation with prenatal exposure to specific environmental toxins."</p> <p>4. International comparisons: Including comparative data from other countries or regions would provide context for the Brazilian findings.</p> <p>Example: "The incidence rate of 0.60 per 100,000 in Brazil is lower than the reported rate of 0.9 per 100,000 in North America, but higher than the 0.4 per 100,000 observed in sub-Saharan Africa."</p> <p>5. Socioeconomic analysis: Incorporating data on socioeconomic factors could provide insights into disparities in disease incidence and outcomes.</p> <p>Example: "Regions with lower Human Development Index scores showed a 20% higher incidence of advanced-stage disease at diagnosis compared to more developed regions."</p> <p>These improvements would enhance the comprehensiveness and clinical relevance of the study, providing a more nuanced understanding of pediatric renal cancer epidemiology in Brazil.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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