




ASO VISUAL ABSTRACT

ASO Visual Abstract: Characteristics and Outcomes in Pediatric Non-Central Nervous System Malignant Rhabdoid Tumors—A Report from the National Cancer Database

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Pediatric non-central nervous system malignant rhabdoid tumor is a rare and aggressive malignancy. The National Cancer Database is the largest and most contemporary dataset

of this cohort, and verified that infants and those with metastatic disease had worse survival outcomes (<https://doi.org/10.1245/s10434-021-10370-x>).

DISCLOSURE The authors declare that they have no competing interests

Characteristics and Outcomes in Pediatric Non-Central Nervous System Malignant Rhabdoid Tumor

Pediatric Non-CNS Malignant Rhabdoid Tumor (MRT) <ul style="list-style-type: none">• Rare tumor with poor survival outcomes• Current datasets<ul style="list-style-type: none">• Small, heterogenous cohorts, often including adults• Reflect outdated treatment strategies• National Wilms Tumor Study (NWTS) 1-5<ul style="list-style-type: none">• Largest pediatric experience• Long timeframe (1969-2002) with many treatment changes• Dismal outcomes in <i>infants</i> and those with <i>metastatic disease</i>	National Cancer Database (NCDB) <p>Clinical oncology database sponsored by the American College of Surgeons and American Cancer Society</p>  <ul style="list-style-type: none">• 202 children identified from 2004-2014• Largest cohort of pediatric non-CNS MRT	Results <ul style="list-style-type: none">• Survival has slightly improved in more contemporary and larger dataset• Very poor survival in infants and those with metastatic disease maintained• Complete surgical resection, <i>when possible</i>, associated with improved survival• Improved treatment strategies clearly needed 
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