



**REVIEW ARTICLE** 

## Malignant neoplasms in the neonate

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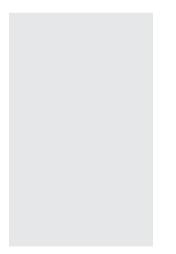
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Abstract Cancer in children has characteristics that differentiate it from other types reported in later ages. Overall survival at 3 years is up to 70% depending on the tumor studied. Major organs and systems affected are the hematopoietic system, central nervous system and sympathetic and mesenchymal tissues.

The increased incidence of neonatal tumors observed in this and other studies is based on the increasing number of solid tumors (teratomas and neuroblastomas) because cases of central nervous system tumors and leukemias have remained constant.

Ultrasonography is the first line of approach and can detect up to 70% of fetal anomalies.

The physiology of the newborn causes the necessary multidisciplinary treatment in neoplastic disease to be modified substantially in this age group to avoid toxicity and sequelae. The most common treatment is surgery.

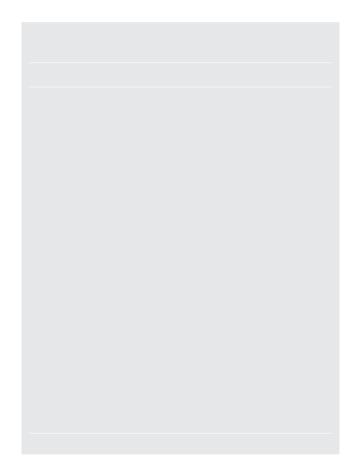
Achieving timely diagnostic treatment options are effective in improving the survival of these patients.

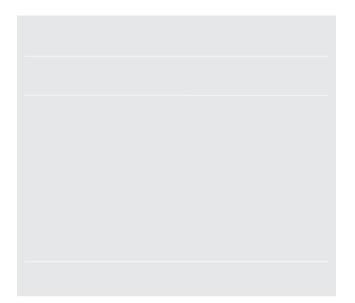
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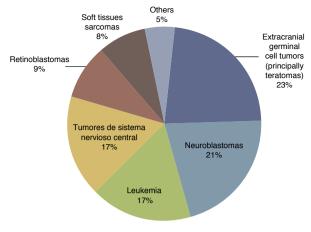
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## Malignant neoplasms in the neonate\*

Neuroblastoma	18	22
Rhabdomyosarcoma		
Retinoblastoma		
Leukemias		
	4	5
Others		
Total	81	100

Gómez.

Source: Cicero OC et al.<sup>9</sup>

