

## **Radiological Methods in the Diagnostics of Malignant Adrenal Masses in Children (a Review of the Literature)**

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### **Abstract**

The review analyzed the use of different radiological methods for diagnostics of adrenal mass lesions in children, described by their capabilities, strengths and weaknesses. Most usual malignant tumors are described, which are neuroblastoma, pheochromocytoma and adrenocortical carcinoma, the rules and standards for their staging are described. The key points related to the clinical manifestations of lesions of the adrenal glands are present, the statistics on the frequency of detection is also accumulated including the comparison to adult patients and on the successful treatment. Some data crucial to differential diagnosis about cystic, hemorrhaging and infectinal adrenal masses is present.

**Key words:** Ultrasonography (US), Magnetic Resonance Imaging (MRI), Multislice Computed Tomography (MSCT), Nuclear Medicine, Adrenal Neoplasms, Pediatrics.

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