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Atypical findings in a serie of lung sequestration

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Learning objectives
The aim of the educational poster is to describe the imaging finding of atypical pulmonary sequestration.
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Background and purpose
Pulmonary sequestration is an infrequent congenital lung disease consisting in anomalous, non-functioning lung tissue that presents systemic arterial supply and shows no continuity with the tracheobronchial tree. Lung sequestrations have been traditionally classified into intra- (ILS) or extralobar, (ELS) depending on their venous drainage and the presence or not of independent pleura. Most published cases are intralobar, located at the left lung basis. Patients are usually asymptomatic at...
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Content, imaging findings or procedure details
The prenatal diagnostic by US of an abnormal mass, localized either intraabdominal or intrapulmonary and vascularized by a branch of the aorta, was made for all the patients. In four of them, a prenatal MRI confirming the malformation was available. At birth, all the patients had a preoperative CT scan to evaluate the vascularization of the lesion and its relationship to the adjacent organs as well as to confirm the diagnostic. One patient, with a suspected fetal neuroblastoma. This diagnosis...

**Conclusion**

Lung sequestrations frequently differ from the classical description. Our series shows that pulmonary sequestrations are frequently complex lesions which rarely fit into the simple intra/extralobar classification. These lesions present with a wide spectrum of atypical findings that should be precisely described, especially to provide a detailed cartography of the lesion before surgical management.

**References**

Diagnostic Accuracy of Whole Body Inversion Recovery, Diffusion Weighted and Positron Emission Tomography MRI in Childhood Cancer: A Systematic Review


Imaging findings of children with dural sinus vascular malformations

H. Hara1, Y. Y. T. Tsutsumi2, Y. Iizuka3, K. Ito3, Y. Minosaki2, H. Kurosawa4, S. Kuwashima4; 1Saitama/JP, 2Tokyo/JP, 3Chiba/JP, 4Tochigi/JP

Imaging appearances of bacterial meningitis due to unusual pathogens in immunocompetent children

M. Zacharioudaki, M. Raissaki, M. Kampitaki, N. Demiris, E. Papadopoulou, E. Galanakis; Heraklion/GR

Nasopharyngeal anlage tumor in a neonate with the initial presentation of respiratory difficulty: Correlation between imaging and clinicopathologic findings

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