Jarcho Levin syndrome

Jarcho-Levin syndrome (JLS) is a genetic disorder characterized by distinct malformations of the ribs and vertebrae, and/or other associated abnormalities such as neural tube defect, Arnold-Chiari malformation, renal and urinary abnormalities, hydrocephalus, congenital cardiac abnormalities, and extremity malformations. The study included 12 cases at 37-42 weeks of gestation and diagnosed to have had Jarcho-Levin syndrome, Arnold-Chiari malformation, and meningmyelocele. All cases of Jarcho-Levin syndrome had Arnold-Chiari type 2 malformation; there was corpus callosum dysgenesis in 6, lumbosacral meningmyelocele in 6, lumbal meningmyelocele in 3, thoracal meningmyelocele in 3, and holoprosencephaly in 1 of the cases. With this article, the authors underline the neurologic abnormalities accompanying Jarcho-Levin syndrome and that each of these abnormalities is a component of Jarcho-Levin syndrome [1)].

1)

Demir N, Peker E, Gülşen İ, Ağengin K, Kaba S, Tuncer O. A Single-Center Experience of CNS Anomalies or Neural Tube Defects in Patients With Jarcho-Levin Syndrome. J Child Neurol. 2016 Mar;31(4):415-20. doi: 10.1177/0883073815596614. Epub 2015 Aug 3. PubMed PMID: 26239489.