

Hemifacial Microsomia and Lung Hypoplasia

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A term small-for-gestational-age infant was delivered by cesarean section. Physical examination showed left microtia, narrow auditory canal, three skin tags along the left mandibular line, under-developed left annular oris, left peripheral nerve facial palsy and exophthalmus. Abdominal ultrasound revealed a left hypoplastic kidney with a compensatory large right kidney. A chest X-ray demonstrated [Figure A] left hypoplastic lung with right compensatory emphysema. Computed tomography [Figure B and C] established the diagnosis of non-developed left lung with rudimentary left main bronchus and compensatory emphysema. Being asymptomatic, she was discharged. After 12 months, she is thriving without any respiratory symptoms.

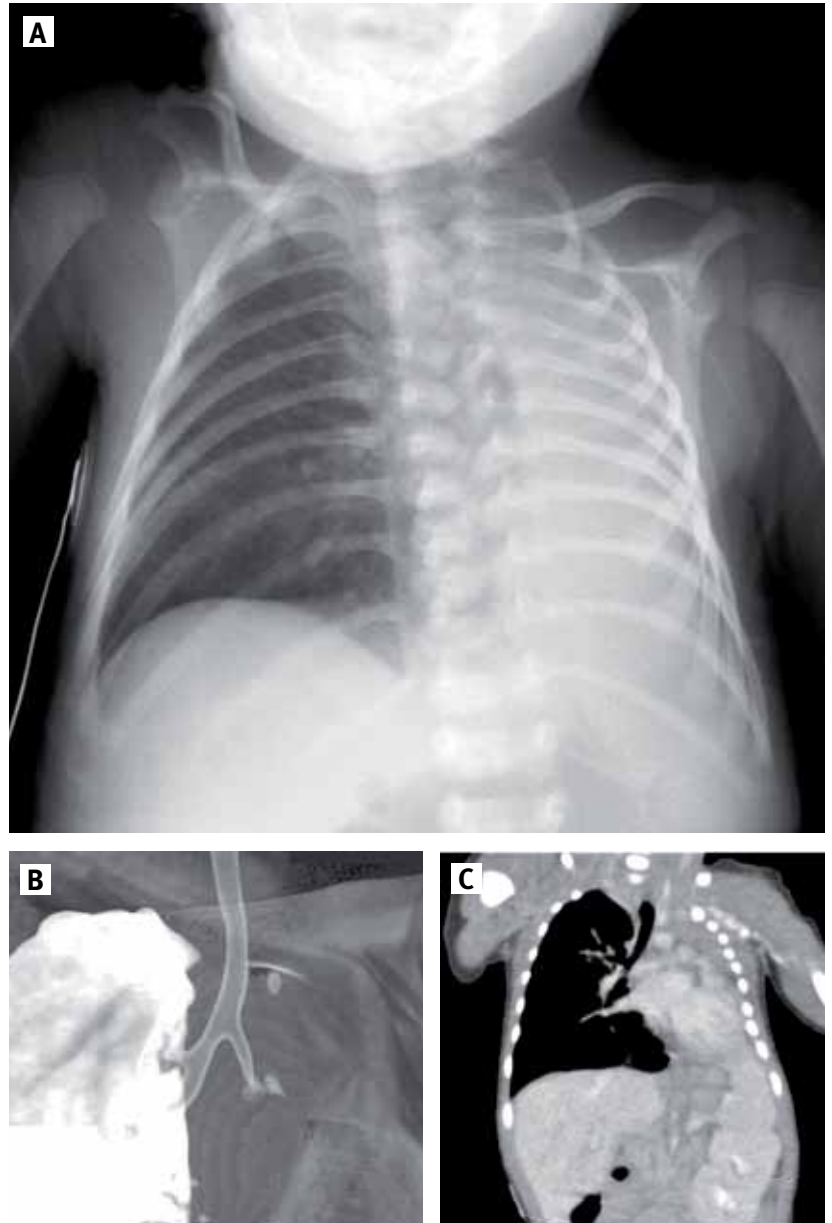
Hemifacial microsomia is the most common term for a syndrome that involves under-developed mandible, with combinations of microtia, micrognathia, and central nervous system (CNS) anomalies. The association between facial abnormalities and anomalies of CNS, cardiac, gastrointestinal, skeletal, renal and pulmonary systems are well documented.

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“I ask you to judge me by the enemies I have made”

Franklin D. Roosevelt (1882-1945), 32nd U.S. President. Commonly known by his initials FDR, he was a central figure in world events during the mid-20th century, leading the United States during a time of worldwide economic depression and total war