



## CHILDHOOD IMMUNISATIONS

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### Abstract

The lectin pathway is one of the three complement pathways in which patterns of carbohydrates on the surface of the pathogen is recognised leading to the activation of the complement cascade. A deficiency of which leads to recurrent upper and/or lower respiratory tract infections in children. Infants and children with this deficiency are usually susceptible to infections. Treatment is based on the severity of the illness. Apart from treating with regular antibiotics, children presented with severe infections might need prophylactic antibiotics. Common infections in MBL deficiency are due to viruses, e.g., influenza and bacteria, such as *Pseudomonas aeruginosa* and *Staphylococcus aureus*.

We are presenting an 18-month-old child who brought in with a recurrent history of respiratory/ear infections. A retrospective review of the child's case notes and the investigations for his recurrent presentations to the hospital with respiratory and/or ear infections. He has persistently raised CRP. His basic immune functions and his immunoglobulins are normal. He was able to mount an adequate response to the vaccinations. He on few occasions needed antibiotics, and currently, taking only Azithromycin as a rescue drug rather than prophylaxis. The child has fewer infections ever since he stopped swimming and maintaining good hygiene..

### Biography:

Vamsidhar did his MBBS, DCH from NTR UHS, Andhra Pradesh, India. Later worked in National institute in India, Kanchi kamakoti child's trust hospital, Chennai and few prestigious private hospitals in India including Apollo, Lotus, Mythri and Vanaja hospitals. Later moved to Dubai and worked in famous Lifeline Hospital for about 7 years. Then for the purpose of career progression moved to the UK, completed MRCPCH, worked as a clinical fellow at tier 2 level in Mid - Essex hospital for 3 years and currently pursuing his structured paediatric training in East of England Deanery. He is bringing his general paediatrics and paediatric gastroenterology interest to the team alongside diverse working experience in different countries..

**Citation:** V. Gudichuttu; CHILD WITH RECURRENT INFECTIONS; Webinar on Pediatrics, April 19, 2021..