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Bacillus Calmette-Guerin vaccination-associated axillary lymphadenopathy in a 2-year old girl

Su Boon Yong

Show Chwan Memorial Hospital, Taiwan

The Bacillus Calmette-Guerin (BCG) vaccine, which is a live attenuated strain derived from *Mycobacterium bovis*, is widely administrated for newborn infants in the world for preventing disseminated and meningeal tuberculosis. However, adverse reactions to the BCG vaccine do occur. Here, we present a case of a 2-year-old girl with left axillary lymphadenopathy, the complication of BCG vaccine. Her medical history showed that she has been vaccinated with BCG two days after her birth. The Computed Tomography (CT) scan revealed two irregular coarse calcified masses in her left axilla. She was then treated with surgery followed by antibiotic Isoniazid 150 mg QD (10 mg/kg/day) for 5 weeks and was followed up after 6 months and no recurrence occurred. Although the incidence of BCG vaccination-associated lymphadenopathy is low, pediatricians should be alerted about this to prompt early surgical intervention and appropriate antibiotics treatment.

Biography

Su Boon Yong is currently the Chief of Department of Pediatrics, Division of Allergy, Immunology and Rheumatology at Show Chwan Memorial Hospital. He had wide-ranging research interests with primary focus on the safety of biological therapy for autoimmune diseases, childhood rheumatology diseases. He has received several awards for his work, including best abstract in (2017 ASPR, Hong Kong) and best oral presentation (2015 Taiwan).

yongsuboon@gmail.com

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