

中文題目: 早期診斷對“Kartagener syndrome”預後之重要性-病例報告

英文題目: The Importance of Early diagnosis in Prognosis of “Kartagener syndrome”:

A case Report

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**Abstract:** Kartagener syndrome, a rare autosomal recessive disorder, is described as a combination of situs inversus, chronic sinusitis and bronchiectasis. The main pathogenesis of Kartagener syndrome is primary ciliary dyskinesia so that the sputum or airway secretion could not successfully excrete, which causes airways problems such as sinusitis, upper or lower respiratory tract infections. About half of patients with primary ciliary dyskinesia have situs inversus, and thus described as Kartagener syndrome.

Earlier and correct diagnosis of this congenital disorder is very important in the overall prognosis and quality of life because we could prevent complications if timely managed. Here we would present a case of 20 year old girl with chronic sinusitis, suspect bronchiectasis and situs inversus.

**Key words:** Kartagener’s syndrome, situs inversus, sinusitis, bronchiectasis, primary ciliary dyskinesia