

Images in clinical medicine



Barry-Perkins-Young syndrome

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Barry-Perkins-Young syndrome

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Image in medicine

A 28-year-old male presented with complaints of fever, cough with expectoration and difficulty in breathing for the past 5 days. Patient is a fruit seller by occupation and gives history of similar illness in the past due to recurrent sinusitis and a significant treatment history for infertility for the past 2 years. Computed tomography of the chest showed tree in bud appearance predominantly in the upper lobes, with cystic and tractional bronchiectasis changes in the bilateral lower lobes. A transrectal ultrasound confirmed obstructive azoospermia for which he was advised vasoepididymostomy. A diagnosis of Young's syndrome was made, and he was treated with

intravenous antibiotics. Young's syndrome also known as Barry-Perkins-Young syndrome or sinusitis-infertility syndrome is a rare, inherited syndrome commonly seen in middle-aged men with chronic rhinosinusitis, nasal polyps, infertility and bronchiectasis. It is named after Dr. Donald

Young, a urologist who first described it. The exact cause is unknown, but childhood exposure to mercury and genetic factors are speculated. Treatment involves control of sinus, lung infection and surgical/assisted measures for reproduction.

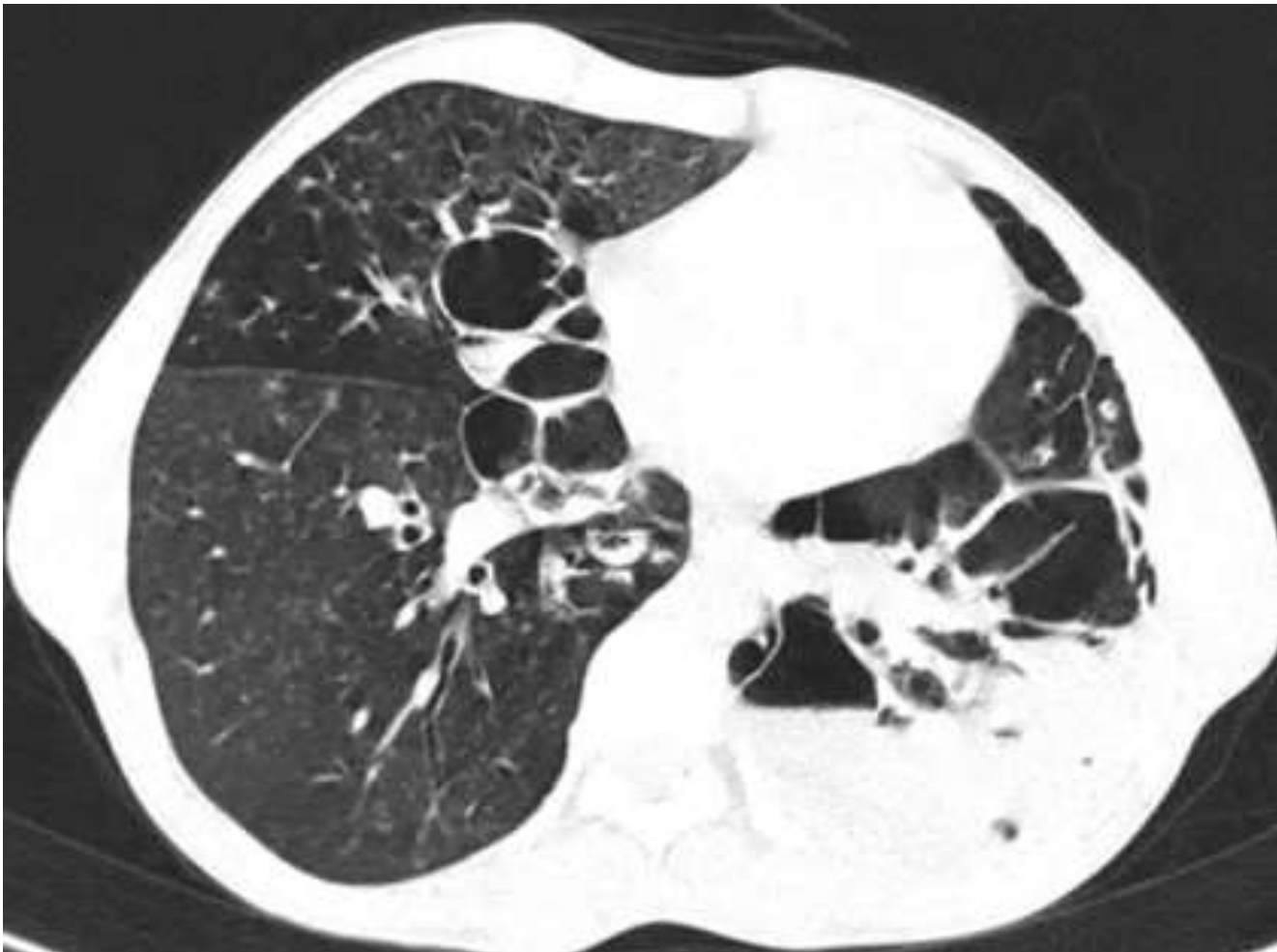


Figure 1: computed tomography of the chest showing bilateral variable-sized cystic and tractional bronchiectatic changes