the oxyhemoglobin dissociation curve or in patients with low expiratory reserve volume due to obesity or chest wall deformities since derangements of pulmonary mechanics and awake arterial oxygen tension are of major importance in establishing the severity of nocturnal hypoxemia in patients with sleep apnea syndrome.

Clearly, it would be of major importance to determine the impact of apnea induction with NPV in patients for whom the treatment is prescribed during sleep.

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Behcet’s Disease with Half and Half Nail and Pulmonary Artery Aneurysm

To the Editor:

Half-and-half nail, also known as Lindsay nail, is defined as a red to brown discolored occupying 20 to 50 percent of the distal fingernails on both hands. We report a patient who had Behcet’s disease and half-and-half nail.

A 31-year-old man presented with bilateral pleuritic chest pain, hemoptysis, fever and mild attacks of dyspnea. His medical history revealed that he had recurrent oral and genital ulcersations for the past 16 years. Behcet’s disease was diagnosed in another hospital three years ago, and he has been irregularly taking varying doses of colchicine since.

Medical examination was remarkable for subcutaneous thrombosed veins on the anterior surface of his right forearm and multiple elevated hypopigmented macular lesions on his left forearm. Half-and-half nails were also noticed (Fig 1). It was learned from the patient that the color change in his fingernails was present before the administration of colchicine therapy and there were other individuals in his family with similar nail appearance.

Laboratory values were all within normal limits. Mycologic research on the nails was negative. Pulmonary digital subtraction angiography (DSA) revealed an aneurysm in the left main pulmonary artery, including its lower lobar branch. Obstruction of some of the peripheral pulmonary artery branches were also noted.

This patient’s history and clinical picture is compatible with the diagnosis of Behcet’s disease in its complete form. The clinical picture of pulmonary vascular involvement usually consists of fever, chest pain, hemoptysis and recurrent opacities on the chest x-ray film. Our patient presented with these symptoms and signs. Obliteration of the small branches of the pulmonary arteries, in addition to an aneurysm, was demonstrated.

We were unable to find any reported case of half-and-half nail associated with Behcet’s disease in the literature. A brownish-red band covers 20 to 50 percent of the nail beds in half-and-half nails. There may be also increased melanin in the nail plates, but this was absent in this case. It is usually diagnosed in patients with renal disease and uremia, and infrequently in healthy persons. We concluded that this patient with Behcet’s disease has half-and-half nails; an additional renal or hepatic disease was excluded in the face of clinical and laboratory findings.

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Skunk Lung

To the Editor:

We recently evaluated a 33-year-old man who was in excellent health until he developed symptoms of breathlessness and wheeze after being "skunked." The patient was camping and awoke to find a skunk in his immediate vicinity. Upon confrontation, the skunk discharged, and the patient immediately became ill. He noted nausea but denied immediate respiratory symptoms or symptoms of aspiration. After a few hours of distress, he returned to sleep; but the following morning, he awoke with a sense of chest tightness which progressed over two days and became associated with significant dyspnea on exertion. This led to his initial medical evaluation at which time wheeze and a reduced peak flow rate of 200 were noted. Examination was otherwise unremarkable, and a chest x-ray film was normal. Without specific therapy, his symptoms stabilized and gradually improved. One week after his initial skunk exposure, he was free of symptoms and physical examination revealed no wheezing even on forced expiration and a peak flow rate of 550 was measured.

We believe the patient suffered an episode of bronchial hyperreactivity following the exposure to an extremely noxious, proteinaceous substance. The material discharged from the anal glands of a skunk has not been widely studied but has been noted to cause severe eye and skin reactions in addition to its effect on the olfactory system. We have been unable to find any reports of similar respiratory problems from skunk exposure. However, bronchial hyperreactivity can occur in animal handlers. Laboratory exposure to rats, mice, guinea pigs, and rabbits has been reported to cause asthma. The major source of allergens was found to be in the

Figure 1

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