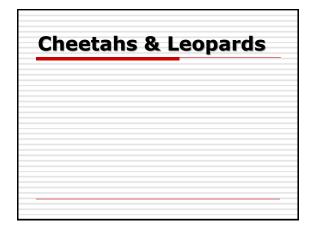
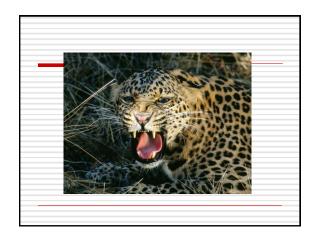
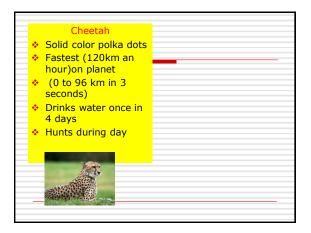
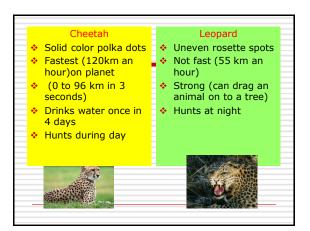
Differentiating Asthma from COPD Dr.R.Vijai Kumar Pulmonary & Critical Care drvijaipulmo@yahoo.co.in











Asthma-definition (GINA-2011)

"Asthma is a chronic inflammatory disorder of airways in which many cells and cellular elements play a role.

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COPD-definition (GOLD 2007)

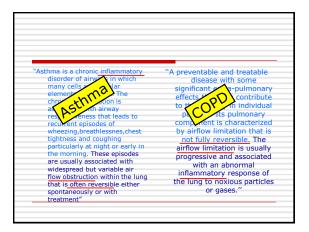
"A preventable and treatable disease with some significant extra-pulmonary effects that may contribute to the severity in individual patients. Its pulmonary component is characterized by airflow limitation that is not fully reversible.

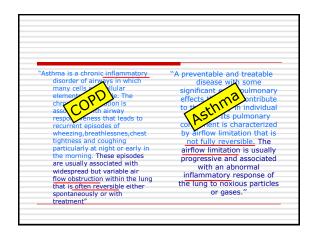
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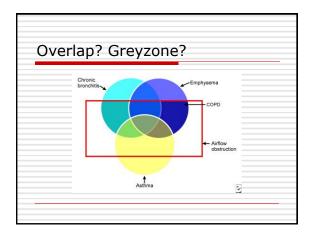
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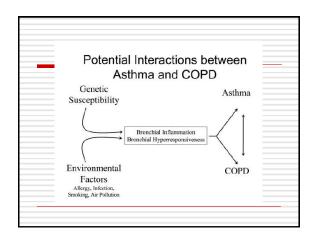
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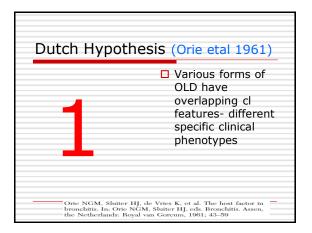


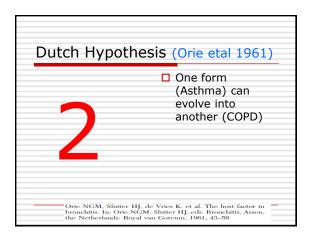


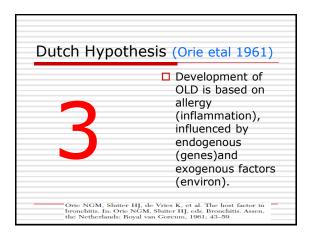


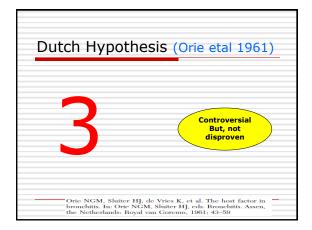


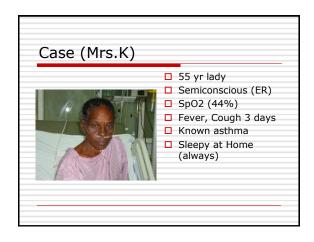
Orie NGM, Sluiter HJ, de Vries K, et al. The host factor in bronchitis. In: Orie NGM, Sluiter HJ, de Strick, Bronchitis. Assen, the Netherlands: Royal van Gorcum, 1961; 43–59

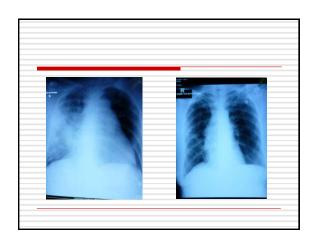




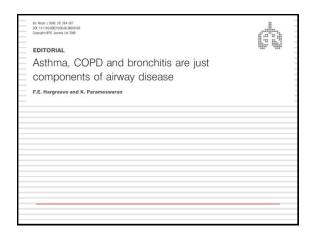


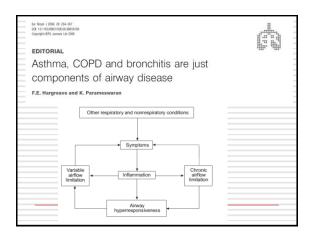


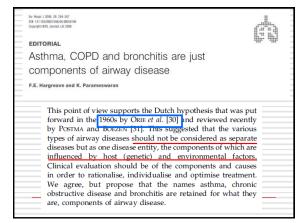


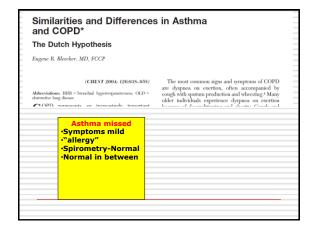


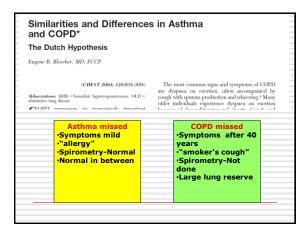
Day 1		After 8 Days of BiPAP	
Ph	7.30	Ph	7.52
paCO2	61.2	paCO2	49.5
paO2	30	paO2	55
HCO3	29.8	HCO3	40.4

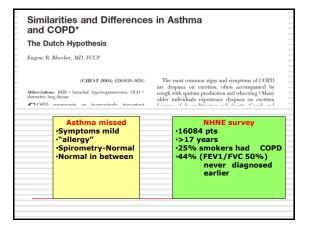


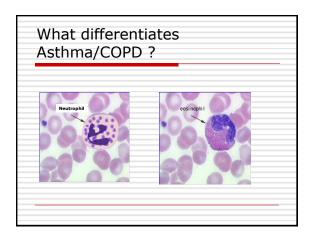


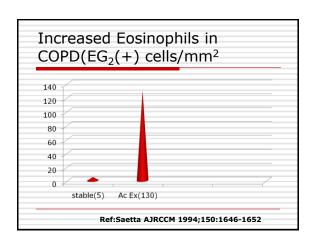


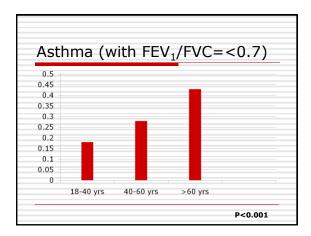


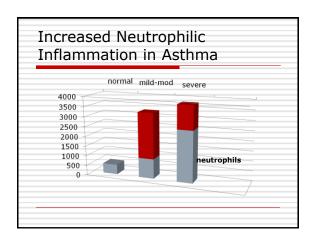


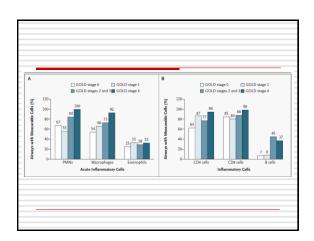


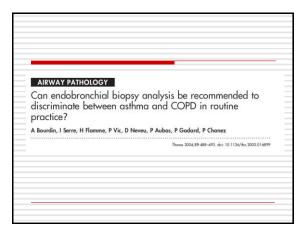


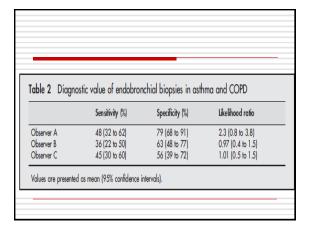












We conclude that routine assessment of EBB specimens cannot currently be recommended to discriminate between asthma and COPD. Although there are criteria specific to these two disease entities, the biopsy specimens are difficult to analyse. Clearer pathological definitions are needed to enhance the diagnostic results.

Differences in Airway Inflammation in Patients with Fixed Airflow Obstruction Due to Asthma or Chronic Obstructive Pulmonary Disease

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46 patients of severe AWO

COPD-27

Asthma-19

-Detailed history
-Spirometry
-DLCO
-eNO
-Sputum
-BAL
-HRCT

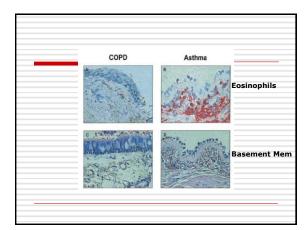
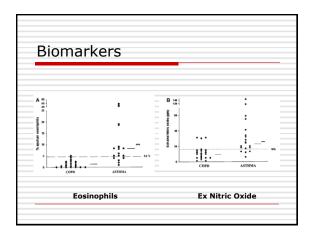
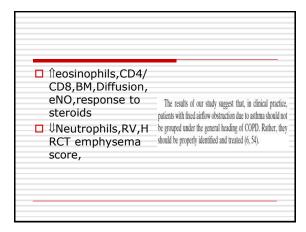
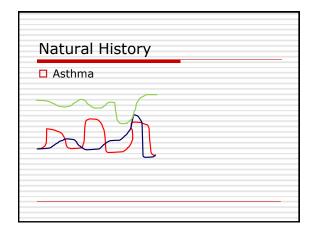


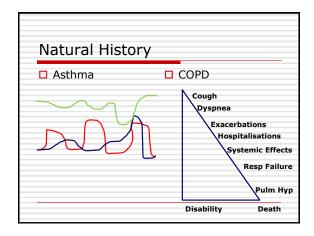
TABLE 2. INFLAMMATORY CELLS IN THE LAMINA PROPRIA OF THE AIRWAY WALL IN PATIENTS
WITH FIXED AIBFLOW OBSTRUCTION

The definition of the property of the control of the cont

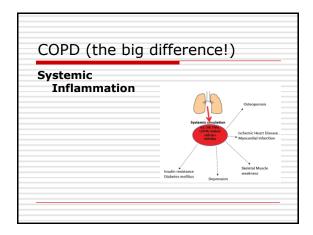


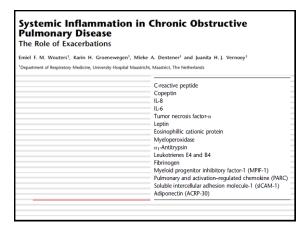


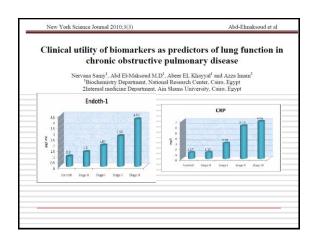


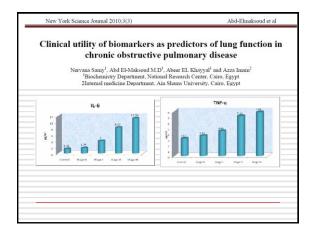


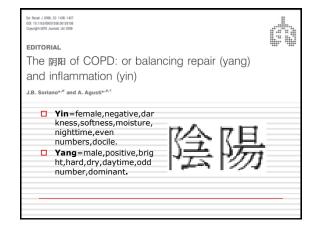
COPD (the big difference!)

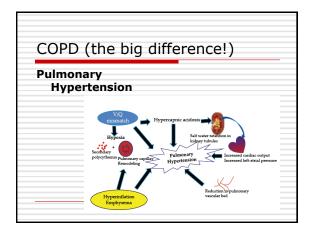


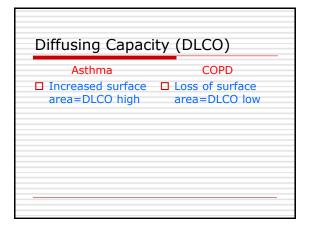


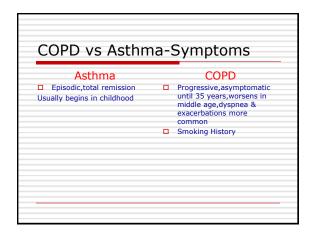


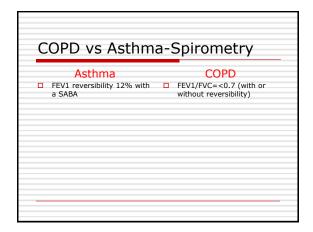












"Some patients with Asthma cannot be distinguished from COPD with current diagnostic tests. The management of these patients should be similar to that of Asthma"

