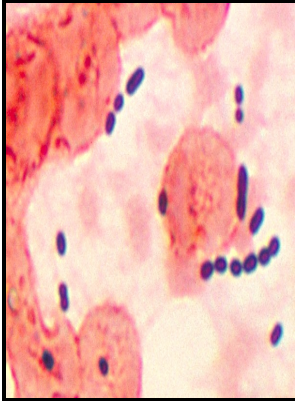


# Effect of Mucolytic agents on Sputum - an aid to diagnostic Cytology.

The Author] - Linear rheology as a potential monitoring tool for sputum in patients with Chronic Obstructive Pulmonary Disease (COPD)



Description: -

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## Cytotoxic: Definition, Agents, Effects, and Precautions

Known causes of chylothorax include trauma, mediastinal diseases like lymphoma or thymoma, dirofilariasis, fungal disease, and cardiac diseases including pericardial effusions; most cases are idiopathic. Peters Medical Center, New Brunswick, N. Reprints are not available from the authors.

## Fluifort

In some patients, however, the inflammation can last several months. In the case of LC group the OR for each specific gene were of 4. The further diagnostic plan generally consists of heartworm serology and ultrasound of the mediastinum or repeated thoracic radiographs following thoracentesis.

## Linear rheology as a potential monitoring tool for sputum in patients with Chronic Obstructive Pulmonary Disease (COPD)

This syndrome occurs most commonly in cats from crowded environments that are less than 2 years of age. Tockman MS, Erozan YS, Gupta P, Piantadosi S, Mulshine JL: Ruckdeschel: The early detection of second primary lung cancers by sputum immunostaining. The structure of the cytoplasm and the nucleus is very well maintained.

## Cytotoxic: Definition, Agents, Effects, and Precautions

Finally, in patients not receiving inhaled corticosteroids, treatment with mucolytics such as carbocysteine and N-acetylcysteine may reduce exacerbations of COPD. Documentation supporting this concept comes from studies in which patients with chronic bronchitis were found to have circulating bacteria-specific IgE that triggered release of histamine following exposure to the same bacteria cultured from their lower respiratory tracts. The first of these has been published only in the abstract form.

## Analysis of aberrant methylation on promoter sequences of tumor suppressor genes and total DNA in sputum samples: a promising

### **tool for early detection of COPD and lung cancer in smokers**

Algorithm for the treatment of chronic bronchitis. Cytology of transtracheal wash samples generally reveal increased mucous with the primary cell types being eosinophils, neutrophils, or macrophages.

### **Linear rheology as a potential monitoring tool for sputum in patients with Chronic Obstructive Pulmonary Disease (COPD)**

The authors note that over the course of updating their review which has now been undertaken three times, between 1998 and 2008 , the effect size on exacerbations has reduced by almost 50% from their original report.

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