

New Technology in Pulmonary Disease

The papers comprising this symposium were presented at a recent course at The Cleveland Clinic Foundation which dealt with technological advances in the rapidly expanding field of pulmonary disease.

The material presented here concerns some aspects of newer technology as it relates to the extension of fiberoptic bronchoscopy through the use of Nd-YAG laser for palliation of endobronchial cancers. Bacteriological retrieval and bronchoalveolar lavage are also surveyed. Newer thoracic imaging techniques, such as computed tomography, magnetic resonance, and gallium scanning, are discussed with special emphasis on clinical application. Pathological techniques stress the diagnostic utility of immunohistochemical staining, especially important in differentiating

the various lymphocytic infiltrates of the lung, and electron microscopy. One paper provides an insight into the potential use of transcutaneous oxygen monitoring in intensive care units. In organizing this symposium, an attempt was made to select topics with established or potential clinical relevance.

We thank the participants for their contributions.

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