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Hypoxia during One-Lung Ventilation—A Review and Update

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Introduction

One lung ventilation (OLV) is often required to facilitate surgical exposure in the thoracic surgical patient with the use of a double-lumen endotracheal tubes (DLT) or a bronchial blocker.[1] During OLV, an obligatory intrapulmonary shunt may produce hypoxemia because of collapse of the nondependent lung and increased atelectatic areas in the dependent lung. [2] This hypoxemic event will activate hypoxic

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