

# A combined use of a double lumen endotracheal tube and a bronchial blocker in a patient with a previous lung resection: a case report.

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The present case report describes an alternative technique of selective lung ventilation in thoracic surgery. A 68-years-old man underwent an apical resection of the left lower lobe for a lung tumor. He had been operated of a sleeve right upper lobectomy 7 years earlier and he had received brachytherapy for a tracheal reoccurrence that caused an anatomical alteration of the carina with an obstruction of the right main bronchus and an atelectasis of the middle lobe. A left-sided double-lumen tube was inserted and afterwards we placed a bronchial blocker through its bronchial lumen in the left lower bronchus guided by a flexible bronchoscope. Therefore, we managed to ventilate the left upper lobe and the residual right lung using the combination of the two devices. Our case report is an example of a planned strategy to successfully manage distorted airways anatomy by taking advantaged of both the devices. The combination of the two devices allowed us to selectively ventilate the patient's left upper lobe and the residual right lung in order to enable the surgeon to have an appropriate operative field and to guarantee a good ventilation and oxygenation.

