

# Lung Biology Research & Trainee Day

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Category: Postdoc

Name: Tetsuro Maeda

PI: Michael Nead

Title: Incidental Diagnosis of Pulmonary Embolism during Endobronchial Ultrasound in a Patient with Multiple Trauma

Abstract: We present a case of pulmonary embolism (PE) incidentally diagnosed during endobronchial ultrasound (EBUS) performed for a patient with trauma. A 57-year-old man with current smoking was hospitalized for a fall resulting in multiple fractures, found to have abnormal chest computed tomography (CT) significant for cavitating lesions and chest lymphadenopathy. Bronchoscopy was performed with EBUS guided biopsy, during which the bronchoscopists found echogenic material in the left pulmonary artery. CT pulmonary angiogram confirmed diagnosis of PE and anticoagulation was initiated. This case is the first to our knowledge to describe incidental diagnosis of PE in a patient with trauma, and suggests that bronchoscopists consider examination of pulmonary arteries during EBUS in such patients who are at high risk of developing PE.