

## **CT-Guided Biopsy of Small pulmonary Subsolid Lesion: Accuracy and Complications**

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### **BACKGROUND:**

Small subsolid pulmonary lesions (< 2.0 cm) have been more frequently found on imaging tests. Many follow-up protocols are available but not always the patients or the physicians accept to observe a potential malignant lesion for years, even in the case of low aggressiveness.

### **HYPOTHESIS:**

Small subsolid lesion are usually challenging for preoperative biopsy as well as for pathologic analysis. Percutaneous CT- guided biopsy offers a minimally invasive diagnostic method associated with low rate of complications.

### **METHODS:**

Thirty small subsolid pulmonary lesions were submitted to percutaneous CT- guided biopsy from 2013/March to 2015/August. Complications were registered and a correlation between percutaneous biopsy and surgical pathologic results was done.

### **RESULTS:**

The overall accuracy of the biopsy was 83,3% and the pleural drainage rate post-biopsy was 13,3%. No other moderate/severe complications or death related to the procedure were observed.