

**PP082 EMERGENCY
BRONCHOSCOPY IN
EMERGENCY & TRAUMA
DEPARTMENT – PRELIMINARY
REPORT.**

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INTRODUCTION

Flexible bronchoscopy has become available in the emergency department even though it is primarily used by intensivist and pulmonologist. It is established for removal of foreign body, toilet bronchoscopy, securing difficult airway, and many others. Flexible bronchoscopy allows direct inspection for both upper & lower airway, and facilitates in the diagnosis and management of multiple pulmonary disorders. We highlighted 2 cases presenting to our department where emergency bronchoscopy was done as part of patient management. Both patients were successfully extubated with no adverse effect from the procedure.

METHOD

We use FUJIFILM Fibroscope FB-120MP, 50 cm flexible fibreoptic bronchoscope to a patient as indicated for therapeutic bronchoscope. Two bronchoscopies performed during period of observation. The primary objective is to observe complication arises from the procedure. Secondary objective is look at the outcome of our bronchoscopy.

RESULT

There were 2 cases included thus far. Both patients were intubated due to acute respiratory distress. There is no complication arises for both cases. Both patient's mechanical ventilation was improved evidence by good ventilation and oxygenation parameters

post procedures. 1st patient showed improvement in the chest x-ray post procedure and the 2nd patient shows no improvement in the chest radiograph. However, both patients had shorter ICU stay and days on mechanical ventilation.

DISCUSSION

Therapeutic bronchoscopy in emergency department is feasible and have significant impact on patient's outcome.