

# Adoption of **Lung Protective** ventilation **IN** patients undergoing **Emergency** laparotomy surgery



## **ALPINE**



A multi-center observational study of lung ventilatory practice and respiratory outcomes in emergency laparotomy patients

In collaboration with:



Supported by:  
AAGBI/*Anaesthesia*  
Research Grant



# ALPINE

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- Emergency laparotomy is known to be associated with a high risk of morbidity and mortality. Postoperative pulmonary complications are common following abdominal and emergency surgery (up to 28% of patients). Recent evidence has highlighted that adoption of protective lung ventilation in elective abdominal surgery may lead to reduced post-operative complications.
- There is currently a paucity of data on how patients undergoing emergency laparotomy surgery are ventilated and whether the mode of ventilation is associated with respiratory morbidity post-operatively.
- **ALPINE** is a large, multi-centre investigation of current ventilatory practice in emergency laparotomy patients and how this impacts upon 7 day post-operative respiratory outcomes. The study is conducted in collaboration with the National Emergency Laparotomy Network, starting in Autumn 2016 and is expected to last 3 months.
- PLAN operates a model of naming all local investigators in resultant publications, promotes collaboration between members and offers opportunities for shared learning.

## REGISTER YOUR INTEREST

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Get involved as a local investigator or more:

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Pan-London Perioperative Audit and Research Network  
<http://www.uk-plan.net/ALPINE>