

Do physiotherapy interventions reduce the incidence of postoperative complications in patients following pulmonary resection via thoracotomy?

ACTRN12605000201673

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| Status | RECRUITING |
| Sponsor | Auckland university of technology |
| Enrollment | 180 participants |

Plain Language Summary

This study looks at whether physiotherapy (breathing exercises, coughing techniques, and early movement) given before and after lung surgery reduces the risk of complications such as chest infections, collapsed sections of the lung, or breathing difficulties. The surgery is done through an opening in the chest (thoracotomy) to remove part or all of a lung.

You may be eligible if:

- You are 18 years of age or older
- You are admitted to Auckland City Hospital for planned lung removal surgery through thoracotomy
- You understand written and spoken English
- You are willing to take part and provide written consent

You may NOT be eligible if:

- You are unable or unwilling to follow the treatment program
- You need physiotherapy assessment and treatment before surgery
- Your tumour has grown into the chest wall or shoulder nerves (brachial plexus)

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- Adult patients admitted to Auckland City Hospital. Undergoing elective lung resection via open thoracotomy. -Ability to understand written and spoken English. -Willingness to take part in the study and give informed written consent.

Exclusion (1)

- Subjects unable or unwilling to comply with treatment. Subjects requiring preoperative physiotherapy assessment and treatment. Subjects with tumour invasion into chest wall or brachial plexus.

Locations (1 total)

New Zealand

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12605000201673>

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