**Search strategy of Cinahl**

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| **OR** | **AND** |
| **Population** | **Intervention** | **Study design \*** |
| Thoracic surgery [MH+] [tiab] (p)Thoracotomy [MH] [tiab] (p)Video-assisted thoracic surgery [MH] [tiab]Video-assisted thorascopic surgery [tiab] Lung surgery [MH+] [tiab] (p)Lung resection [tiab] (p)Lung resectional surgery [tiab] (p)Lung volume reduction surgery [tiab] (p)Lobectomy [tiab] (p) | Chest physical therapy [MH+] [tiab]Chest physiotherapy [tiab]Respiratory physiotherapy [tiab]Respiratory physical therapy [tiab]Lung physiotherapy [tiab]Lung physical therapy [tiab]Continuous positive airway pressure [MH] [tiab]CPAP [tiab]Bilevel positive airway pressure [tiab]Biphasic positive airway pressure [tiab]Intermittent positive pressure breathing [MH] [tiab]Non-invasive ventilation [tiab]Noninvasive ventilation [tiab]Inspiratory muscle training [tiab]Positive expiratory pressure [tiab]Airway clearance technique [tiab] (p)Breathing exercises [MH+] [tiab] (p)Incentive spirometry [tiab]Sustained maximal inspiration [tiab]Postural drainage [MH] [tiab]Autogenic drainage [tiab]Bronchial drainage [tiab]Bronchial hygiene [tiab]ELTGOL [tiab]Forced expiratory technique [tiab] (p)Early ambulation [MH] [tiab]Early mobilization [tiab] | Randomized controlled trials [MH] [tiab] [pt]RCT [tiab] [pt]Controlled clinical trial [pt]Randomized [tiab]Randomised [tiab]Placebo [tiab]Drug therapy [sh]Randomly [tiab]Trial [tiab] Groups [tiab] |
| AND, OR denotes boolean operators[MH] denotes Cinahl Headings[MH+] denotes Cinahl Heading (exploded)[tiab]denotes search in title and abstract[ab] denotes search in abstract[pt] denotes search in publication type(p) denotes search in both single and plural\* Inspired by *Cochrane Highly Sensitive Search Strategy for identifying randomised trials for MEDLINE (reference)*  |