

Advanced Practice Summary Report

Project title	Advanced Respiratory Physiotherapist (Intensive Care).
Health service	Alfred Health.
Project aim	Improving respiratory physiotherapy access to bronchoscopy patients in the Intensive Care Unit (ICU).
Key outcomes	<ul style="list-style-type: none"> • Two senior physiotherapy ICU staff trained to undertake therapeutic bronchoscopy, safely and effectively. • Improved patient access to bronchoscopy who require advanced airway clearance techniques and diagnostic sampling for microbiology. • Improved patient outcomes through better oxygenation, ventilation and lung expansion, leading to decreased complications, reduction in duration of ventilation and potentially a decreased ICU and overall hospital length of stay. • Improved staff satisfaction, directly of the senior staff involved in the project through increasing their training and scope of practice, and indirectly of junior staff looking up to these roles as a possible extension of their own career path. • Developed training tools, including a competency standard, a credentialing framework, assessment tool and education resources. This will be used to support the future training of both medical and physiotherapy staff. • Created sustainable program of physiotherapy led bronchoscopy through a 'train the trainer' model which will produce physiotherapists self-sufficient in the training of future candidates.
Total investment	<p>Funding provided plus in-kind support: \$ 103,236</p> <ul style="list-style-type: none"> • Funding costs included: staffing, operational costs, training, equipment/capital costs, research costs • In-kind support costs included: Clinical Leader <p>Total FTE to provide service:</p> <ul style="list-style-type: none"> • 4 physiotherapists trained, positions including physiotherapist, clinical leader
Resources available	<ol style="list-style-type: none"> 1. Case report form (CRF) 2. Bronchoscopy database 3. Scope of practice document 4. Medication protocol for ARP-ICU (bronchoscopy) 5. Bronchoscopy training record 6. Bronchoscopy logbooks 7. Bronchoscopy competency recording tool 8. Alfred Bronchoscopy Assessment tool (ABAT) 9. Bronchoscopy documentation guideline 10. Documentation audit assessment tool 11. Bronchoscopy recording form 12. Competency standard 13. Competency Standard Self-Assessment Tool (Part A) and Knowledge and Skills Self-Assessment Tool (Part B) 14. Case Based Discussion Framework

	15. Bronchoscopy Sedation and Paralysis Protocol
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	16. Pharmacy Education Package for Bronchoscopy
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