

Respiratory Health Strategic Clinical Network

Transformational Roadmap Summary



Provincial Standards

- Accessible standardized lung testing results
- Oxygen therapy in acute care
- Sleep testing standards
- Sleep technician competencies

Success

Creation of inaugural Home Sleep Apnea Testing standards and update of Polysomnography standards for Alberta



Quality Improvement

- Minimized use of nebulized therapy
- Safer use of portable oxygen during transfers within acute care

Success

Removal of pre-filled water bottles from practice resulting in no new oxygen flow issues in the Report & Learning System and provincial cost savings of \$8,000 per month



Prevention & Early Detection

- Pharmacy screening for signs of airway damage
- Pre-surgical tobacco cessation
- Lung testing recommendations

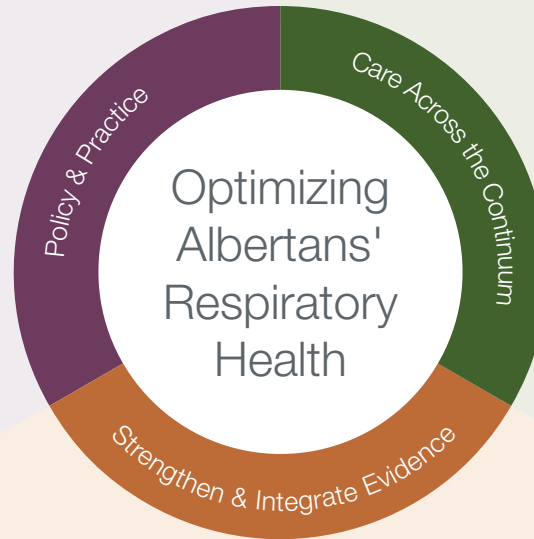


Clinical Pathways Towards Integration

- Adult asthma in community care
- COPD Clinical Pathway
- Alberta primary care pathway for childhood asthma
- Post discharge care bundle for patients with COPD
- Integrated model of care for Sleep Disordered Breathing

Success

- Launch of Alberta Childhood Asthma Pathway at 105 provincial sites, resulting in increased and safer use of appropriate medications
- Reduction in median length of stay by one day at COPD Admissions pilot site



Science & Innovation

- Respiratory health research prioritization
- Improved clinical information access
- Understanding the burden of respiratory diseases
- Clinical research & innovation support

Success

Co-development of Alberta respiratory research priorities with patients and clinicians



Measurement & Evaluation

- Consistent data definitions & cohorts
- Develop evidence-based content for Clinical information systems
- Subject matter experts in building the Provincial Clinical Information System

