

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

- Ceased Use of Water Bottles for Oxygen Humidification
- Air-Oxygen Misconnections
- 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 RLS & provincial cost savings of \$8,000 per month

Science & Innovation

- Respiratory Health Research Prioritization
- Improved Clinical Information Access
- Understanding the Burden of Respiratory Diseases



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

Metrics for Change

- Consistent Data Definitions & Cohorts
- Evidence-Based Content for Clinical Information Systems

Prevention & Early Detection



- Pharmacy Screening for Signs of Airway Damage
- Pre-Surgical Tobacco Cessation

Clinical Pathways Towards Integration



SUCCESS:
Launch of Alberta Childhood Asthma Pathway at 105 provincial sites, resulting in increased and safer use of appropriate medications

- Adult Asthma in Community Care
- Childhood Asthma in Acute Care
- Childhood Asthma in Primary Care (PRIHS)
- COPD Admissions
- COPD Discharge Bundle (PRIHS)
- Sleep Disordered Breathing

SUCCESS:
Reduction in median length of stay by one day at COPD Admissions pilot site, saving a minimum of \$1,000 per patient per day

Patient Engagement

- Clinical Education Roles Within Pharmacy
- Standardized Education Toolkits



SUCCESS:
Consultation with more than 27 patients and families in 2017

