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

Prevention & Early Detection
- Pharmacy Screening for Signs of Airway Damage
- Pre-Surgical Tobacco Cessation

Clinical Pathways Towards Integration
- 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: Launch of Alberta Childhood Asthma Pathway at 105 provincial sites, resulting in increased and safer use of appropriate medications

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

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

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Partnership of Alberta’s Health Services for
Respiratory Health
Strategic Clinical Network
Healthy Albertans.
Healthy Communities.
Together.