

A new program for your clients who need assisted ventilation to live in the community.

Our mission

The Provincial Respiratory Outreach Program (PROP) is dedicated to enabling people who need assisted ventilation to meet their respiratory needs while living in the community.

It is guided by the people that it serves around the province of British Columbia and informed by the best knowledge and information possible from professionals and community organizations.

The program provides a comprehensive range of equipment and supplies, respiratory therapy, education and peer support within a community organization that is responsive and respectful of their individual needs and goals.



Services

- respiratory education for attendants, family and friends
- 24-hour client support line
- peer support group
- respiratory supplies
- community discharge planning
- ventilation equipment pool
- consultant respirologist
- respiratory therapist services
- quarterly newsletter
- program information manual
- website

Intake Procedure

Individuals eligible for PROP services must be referred by a respirologist. Referring physicians should submit a prescription for services, a completed patient application form, and a release form to PROP. Patient applications and release forms can be ordered by calling 1-866-326-1245.

Respiratory Therapy

PROP clients receive a home visit from a respiratory therapist for orientation when they join the program. Additional visits or support services can be arranged by calling PROP.

Our Staff

Simon Cox, Program Director
Dr. Jeremy Road, Consultant Respirologist
Evelyn Klees, Irene Hanley and Gillian Harney, Respiratory Therapists
Kirsty Dickinson, Service Coordinator
Kyle Ho, Stephen Hendrajaja, Isaac Ali, Biomedical Engineering Technologists
Rodel Mangahis, Equipment Scheduler
Seka Yovanovich, Program Assistant
Steering Committee & Peer Support Group

The PROP Peer Support Group anchors our program.

“Unless you’re on a vent, you don’t really know what it’s like, so the consumers are the experts.” Johanna Johnson

Peer Members Heather Morrison (l) and Jeanette Andersen



service • equipment • support • networking

Indications for Home Ventilation

Based on the Guidelines and Medical Indications for Home Ventilation developed by the TASC on Pulmonary Services, August 1995 (synthesized by Dr. Jeremy Road January 2002):

Home ventilation should be considered for patients with a neuromuscular disorder or chest wall restriction who have documented hypercapnia (arterial pressure carbon dioxide (PCO₂) at rest > 45 mm Hg breathing room air). Not all patients with these arterial blood gas abnormalities will need home ventilation, however, it can be considered for these patients.

The patient should be stable, i.e. have made a full recovery from any intercurrent illness and be on optimal management of any reversible component of any associated pulmonary disease.

Patients with a normal PCO₂ may be considered for home ventilation with PCO₂ in the range of 40-45 mm Hg if they meet any of the following criteria and have a chronic neuromuscular disease;

1. cor pulmonale,
2. nocturnal hypoventilation (as documented by elevations in nocturnal carbon dioxide levels (TCCO₂) and associated morning symptoms. ALS patients may be considered with repeated nocturnal arterial oxygen desaturation.
3. severe supine dyspnea (e.g. diaphragmatic paralysis), or
4. those who have had previous episodes of respiratory failure requiring mechanical ventilation.

Home ventilation may be indicated in any patient with chronic neuromuscular disease or a chest wall restrictive disease with the above mentioned criteria. Patients with central alveolar hypoventilation also qualify in the presence of normal neuromuscular function but abnormal ventilatory control.

Home ventilation is usually not indicated in patients with chronic hypercapnia secondary to either chronic obstructive lung disease or interstitial lung disease.

Full home ventilation guidelines, application and prescription forms, and other pertinent information can be downloaded from our website at www.propbcpa.org.



Dr. Jeremy Road
Consultant
Respiriologist

PROP is grateful for the support of these organizations

Amyotrophic Lateral Sclerosis Society of BC
BC Coalition of People with Disabilities
BC Paraplegic Association
Muscular Dystrophy Association of Canada/
Western Canada Region
Post Polio Association
Vancouver Hospital & Health Sciences Centre

Funding

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The Provincial Respiratory Outreach Program is a program of the British Columbia Paraplegic Association.

Contact us at:

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Vancouver, BC V6P 6R9
Phone toll-free 1-866-326-1245
(local and long distance)
Fax 604-326-1250
prop@bcpara.org
<http://www.propbcpa.org>

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Provincial Respiratory Outreach Program



*A Guide for
Health Care
Professionals*

A PROGRAM OF BC PARAPLEGIC ASSOCIATION

