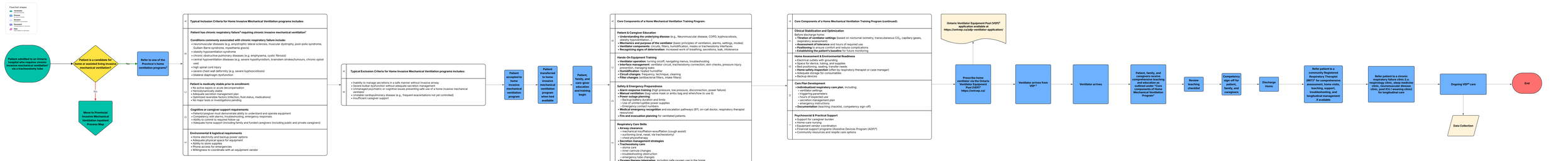
Provincial Home Invasive Mechanical Ventilation Process Map v2 Feb 2026

Provincial Long-Term Ventilation Strategy, https://ontariolongtermventilation.com/index.html



1. **Chronic Invasive Mechanical Ventilation** = Invasive mechanical ventilation for at least 6 hours per day for more than 21 days
2. **Home Ventilation Programs in Ontario**
   a. University Health Network (UHN) - West Park Healthcare Centre Transitional Home Ventilation Service. https://www.uhn.ca/West_Park/respiratory-program/Pages/transitional-home-ventilation.aspx
   b. Grace RECOVER program, Toronto Grace Hospital, Toronto, Ontario. https://www.torontograce.org/programs-services/complex-continuing-care/respiratory-care-program/
   c. CANVent (Canadian Alternatives in Non-Invasive Ventilation) at the Ottawa Hospital, Ottawa, Ontario. https://www.canventottawa.ca/
   d. London Health Sciences Centre, London, Ontario. https://www.lhsc.on.ca/long-term-ventilation/home-respiratory-and-ventilatory-care-hrvc
3. **Chronic Respiratory Failure** = Persistent hypoxemia (PaO_2 < 60 mmHg) and/or hypercapnia ($PaCO_2$ > 45 mmHg) lasting weeks to months, accompanied by metabolic compensation and caused by long-standing disease of the lungs, airways, chest wall, and/or neuromuscular system.
4. **ADP** = Assistive Devices Program
5. **VEP** = Ontario Ventilator Equipment Pool