



**The Grace RECOVER Program
for Chronic Critical Illness
(Est. April 2020)**

**The Continuum of Care after
Critical Illness- A TGHC and
RECOVER Program
Collaboration (Est. 2016)**



Program Leadership

Margaret Herridge MD MSc FRCPC MPH

Critical Care/Respiratory Medicine Lead

Professor of Medicine/ Senior Scientist

Tier 1 Canada Research Chair in Critical Illness

Outcomes and the Recovery Continuum

The Salvation Army Toronto Grace Health Centre

University of Toronto

Maria Kobylecky RN, MScN, CNCC (c)

Nursing Manager Lead

The Salvation Army Toronto Grace Health Centre

Julia Yee BSc RRT

Respiratory Therapy Lead

The Salvation Army Toronto Grace Health Centre



OUR EXPERT TEAM:

ICU INTENSIVISTS

RESPIROLOGISTS

NURSES

PHYSIOTHERAPISTS

RESPIRATORY THERAPISTS

OCCUPATIONAL THERAPISTS

DIETITIANS

PHARMACISTS

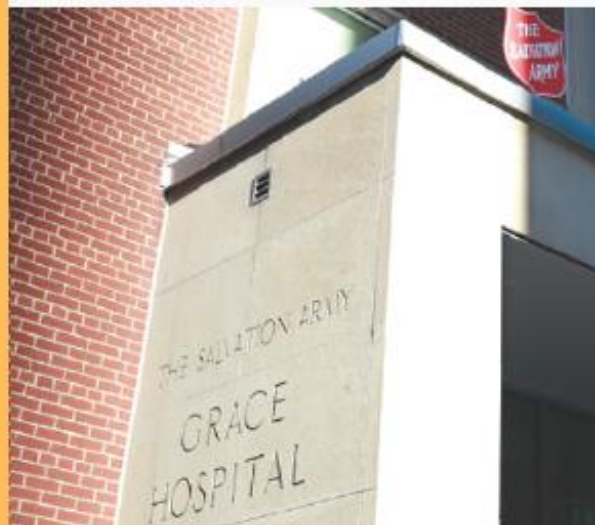
SOCIAL WORKERS

CHAPLAINS

RECREATIONAL THERAPISTS

SPEECH LANGUAGE PATHOLOGISTS

PSYCHOTHERAPISTS



CONTACT US

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Toronto Grace RECOVER Program for Chronic Critical Illness



Grace
Toronto Grace Health Centre



WHO WE ARE

- A 30 bed prolonged mechanical ventilation unit located in the heart of downtown Toronto
- Partnered with acute care facilities to provide enhanced care
- We offer a compassionate interprofessional model of care



OUR PROGRAM

PROLONGED MECHANICAL VENTILATION

We offer specialized care to adults who require long term mechanical ventilation. We focus on rehabilitation and liberation from the ventilator.

REHABILITATION

The program aims to promote quality of life by providing a healing environment to support the complex care patients require.

TRANSITION HOME

For patients unable to be completely liberated from mechanical ventilation, we provide support with transition to the community through our home ventilation program.

OUR PROGRAM VISION
*INDIVIDUALIZED
INNOVATIVE CARE*

OUR PROGRAM MISSION
*TO PROVIDE OUTSTANDING
HOLISTIC INTERPROFESSIONAL
PATIENT AND FAMILY
CENTERED CARE FOR THOSE
WITH CHRONIC CRITICAL
ILLNESS*



Grace RECOVER Program Goals:

- **Innovative Continuum of Care** model for medically stable patients with chronic critical illness/multiple co-morbidities who require invasive or non-invasive mechanical ventilation for at least six hours each day
- Evidence-based
- MOU with UHN/ Consultant resource
- **Enhanced outcomes, continuity of care and quality of life** for post ICU patients/families;
- **Enhanced transition to community-based living;** Outpatient follow-up with transition to Primary Care; Home Ventilation when needed
- **Knowledge Transfer** for medical (staff/trainees), nursing and interprofessional teams/learners
- Reduce Toronto Central LHIN costs;
- Develop a novel post-ICU care model to disseminate nationally across the national RECOVER network to address patient and caregiver needs after critical illness
- **CIHR Supported and CCSO Knowledge User**



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RECOVER
PROGRAM



Critical Care
Services Ontario



CIHR IRSC



Canadian Institutes of Health Research
Instituts de recherche en santé du Canada



Grace RECOVER Program Clinical Team

- 24 h on-site/on call diverse ICU/Respirology group across academic (U of T) and community ICU sites
- Integrated RN & RPN staffing
- 24 h on-site Critical Care/Registered Respiratory Therapy






Grace RECOVER Program Clinical Team

Comprehensive IP Team

- Nursing. *RN and RPN model*
- Respiratory Therapy. *24/7 coverage*
- Pharmacist. *Becky Cheng*
- Rehab PT/OT, PTA/OTA. *Eden Graham, Michelle Ma, Nackeed Edwards*
- Registered Dietitian. *Kaylem Boileau*
- Advanced Wound Care. *Kaylem Boileau*
- Social Workers. *Jose Dias, Munira Yusuf*
- Speech Language Pathologist. *Sanah Matadar*
- Nondenominational Spiritual Care. *William Stanger*
- Mental Health Support Team. *Dr.Elise Hall. Bice Amoroso*
- Therapeutic Recreation. *Livia Egli. Joanna Obre*
- Physician Specialty Consultation Support. *(UHN)*





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CCSO Critical Care
Services Ontario



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- **Modelled after Acute ICU model of Care**
- **Daily Team Safety Rounds** at 0900
- **Daily bedside rounds** with ICU MD, Nurse manager, RT, Pharmacy
- Daily Exam/Review of Systems
- Daily plan with IP team
- Daily comprehensive note in EPR
- **Continuous Monitoring Safety Net System**
- **High Performance Ventilation Equipment**
- **ICU Best Practice-** DVTp, Gip, tight glycemic control, ASP, mobility, bolus feeding
- **Family communication/team discussion**
- Nurse Practice Leader unit based education
- **Weekly Continuity of Care Rounds**
- **Quarterly Antimicrobial Stewardship Rounds**
- Acute care partner-UHN for continuity
- Building multidisciplinary Consultant team with UHN
- **KT*- U of T CCM Educational Elective Fellow Program- Drs. Sehgal and Jogova**
- **Home Ventilation Program- Drs. Zaheen, Blazer and Humphries**
- **Collaboration with TGHC Palliative Care Program**



Admission Criteria: Medical Stability



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- **Mechanical ventilation for >14 days, medically stable for at least 7 days prior to transfer**
- **Tracheostomy in situ/ PICC in situ**
- No pressor/inotrope use in preceding 7 days prior to transfer
- No significant medication changes in preceding 7 days prior to transfer
- No major cardiac or respiratory events in preceding 7 days prior to transfer
- Supplemental oxygen less than 50% on /off the ventilator
- **Hemodialysis possible** — pre-scheduled at referring site
- **G/J/PEG tube in situ**
- Stable ventilator settings for preceding 7 days prior to transfer
- Tracheal Suctioning - maximum frequency q 2-3 hours
- Documented Advance Care Plan/goals of care within 48 hours of transfer.
- COVID negative in past 7 days. Repeat COVID testing 72 hours prior to transfer.
- Acceptance of limitations of monitoring/surveillance-not an acute ICU with 24h MD onsite
- Agreement to observe code of conduct and respectful collaborative care model



Grace RECOVER Program for Chronic Critical Illness



- **34** bed capacity
- Nurse to Patient Ratios 3:1 Days & 4-5:1 Nights
- RT coverage 24/7 (unit based)
- Onsite access to portable diagnostics
- Partnership with UHN for complex interventional, diagnostic/lab requirements
Patient rooms range from private, semi or quad.
- Access to quality of life amenities such as showers, group activities and social events.

