



**Humber River
Hospital
Foundation**

Lighting New Ways
in Healthcare™

Level 2C NICU:
Enhancing NICU Care for
Humber Babies

FUNDING PROPOSAL





Keep Babies Close to Home

Humber River Hospital is the first choice for an ever growing number of pregnant patients and their families thanks to our spacious single-patient rooms, leading edge technology and commitment to patient-centered care. Humber’s innovations coupled with our passionate and caring staff ensure babies and their families benefit from a safe, soothing environment that is ready for anything.

Over the past few years, Humber’s Maternal and Child team have worked hard to expand services to meet community need. In Fall 2020, we opened our Maternal Fetal Medicine Clinic to provide a one-stop shop for higher risk or complicated pregnancies so that pregnant patients don’t have to travel outside the community for their care. Now the challenge is caring for higher acuity babies who are smaller and sicker in our Neonatal Intensive Care Unit (NICU), which is currently a Level 2B facility that can care for premature babies from 32 weeks gestation. The most risky or critical cases must still be referred elsewhere, sometimes far away from home, making it difficult for mom and dad to visit and bond with these tiniest members of their family.

The Hospital is set to change the designation of our NICU to a Level 2C in the coming year to meet the demands of its growing community and keep babies and their families closer to home. We need your support to help make this a reality.

What Humber’s new NICU designation as Level 2C will mean for the community:

	Level 2B (current)	Level 2C (future)
Gestational Age	32 weeks	30 weeks
Weight of baby	1500g	1200g
Ventilation support	Less than 24 hours	Up to 7 days
Chest tube and PICC line insertion	No	Yes
Respiratory Therapist	On call	In house
Ophthalmology	No	Yes
Babies transferred	20 a year	Approximately 10
Ventilators available	2 (older models)	4 (brand new)



The Humber Advantage

Each Humber NICU room has a state-of-the-art Giraffe OmniBed – a combined care station/incubator that can be positioned in many different ways to increase access to the baby for medical care while disturbing the delicate patient as little as possible. The OmniBed is able to minimize baby's temperature swings and maintain a neutral thermal environment. Humber River Hospital has more of these OmniBeds than any other hospital in Ontario.

Humber's NICU benefits from the innovative technology systems that were built into the design of our digital Hospital like the Command Centre. The Neonatal Tile that was launched in 2019 helps to monitor mothers and babies, alerting staff to any alarming changes or drops in vitals so quick intervention can prevent adverse events.

Thanks to donor support, each room in the NICU now has an Integrated Bedside Terminal so families can stay connected, video chat with their care teams and watch educational programming.

The Next Baby Boom

Every year, the number of babies we deliver at Humber River Hospital grows – one day we predict our teams will deliver upwards of 6,000 babies a year! Our community is growing rapidly with one of the highest birth rates in the city – and we are ready to welcome all these new babies right here at Humber.

Our experience combined with feedback from our patients have helped us constantly innovate to meet the needs of our patients. The new Maternal Fetal Medicine Clinic (which is part of our Comprehensive Obstetrical Care) provides care for women experiencing higher-risk pregnancies, and for women who wish to become pregnant who may have underlying health barriers. In the past, high-risk patients needing consultations had to travel to places like St. Michael's Hospital in downtown Toronto, often taking several buses to a single appointment. Now, more patients will be able to receive this care in their home environment.

Caring for women with higher risk pregnancies also means higher acuity babies are born at Humber. With an enhanced NICU designation, these babies can stay here, where they were born, to get stronger and go home to their families.



"Our daughter Serena was born 5 weeks early by emergency c-section. She was so beautiful and we were so happy. Our paediatrician Dr. Kenawy was there to celebrate her arrival with us. But suddenly Serena stopped breathing. The team called a Code Pink and a NICU nurse immediately started CPR. I couldn't look. I just remember listening to her count breaths. The team continued CPR on Serena for ten long minutes. I felt so helpless in that moment but they didn't give up on her until her heartbeat came back. It was a miracle. After that Serena stayed in the NICU for 8 days on a ventilator. They saved her life and our family will be grateful forever."

Stefanie
Grateful Mom (to miracle baby Serena)



Make an Impact Today: Donate to change our NICU designation to a Level 2C



\$1 million

\$850,000 for 4 brand new ventilators

\$150,000 for upskilling workshop with SickKids staff

With an investment from our donors, our Hospital will be able to acquire the specialized ventilators needed to care for babies born as early as 30 weeks. Without these ventilators, premature babies in our community requiring ventilation will need to be transferred to downtown hospitals, providing a challenge for families who want to see their newborns every day. Last year we had to transfer 25 babies, in addition to several mothers we transferred before delivery who went into labour too early.

Your support today will help us provide care our tiniest babies need, close to their family and close to home. Humber River Hospital is working hard every day to fulfill our promise of patient-centred care. Without our generous donors this would be impossible.

Please give generously today!



"We didn't expect Harvie to be born so early – we were both so scared. The NICU team has been excellent. They are supportive, caring, professional, and explain everything to us."

Parjinderpreet and Manpreet

Grateful Parents (to the smallest baby ever cared for in our NICU)



Contact me today and let's
start making an impact.



Daniela Campoli
Senior Development Officer
416.242.1000 ext. 81529 | 416.988.4416
dcampoli@hrh.ca



1235 Wilson Avenue, Level 1, Toronto, ON M3M 0B2
416.242.1000 ext. 81500 | Charitable Number 11930 6306 RR0001

The information, statistics and funding priorities included in this document are accurate at time of distribution and are subject to change and verification by Humber River Hospital Foundation.