



## General Campus ER: First Phase of Emergency Department Completed!

The first phase of the expanded Emergency Department at the General Campus, which opened in July 2009, is already having a positive impact on staff and patients.

Nurses and physicians are using the latest **state of the art equipment** to provide the very best lifesaving care, while patients and their families are feeling more comfortable in the new facility thanks to the **additional treatment rooms** and **larger bed bays**.

Four new **family rooms** have also provided solace for those searching for quiet and comfort while they await news from doctors. And cancer patients experiencing complications have appreciated the privacy of a separate waiting area.

Fundraising is still ongoing for this massive \$47 million expansion that will benefit more than 60,000 patients annually and triple the size of the current Emergency Department.

While the Government of Ontario is covering most of the cost, we must reach out to the community to help raise the remaining \$10 million.

Every dollar donated will trigger a government contribution of \$3.70—turning every dollar into a \$4.70 investment!

Highlights	Prior to expansion	After expansion
Department Size	14,765 sq. ft.	42,670 sq. ft.
Resuscitation Bays	3	4
Observation beds	14	20
Urgent care beds	8	20

## New Intensive Care Unit Opens Its Doors



The expansion of the Civic Campus Intensive Care Unit was completed in March 2009. Community support helped make this important expansion possible – nearly doubling the space and number of beds to help staff provide the very best care to critically ill patients. “We can’t thank the community enough for helping support this expansion,” says Yvonne Wilson, Clinical Manager of the Civic ICU (pictured here).



# 20-20 Campaign enters final months

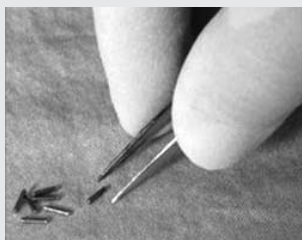


Exterior of TOHCC construction, June 2009

The expansion of The Ottawa Hospital Cancer Centre – the largest in the Centre’s history – remains on track for its scheduled opening in January 2010. As of July 2009, our community had donated more than \$14.1 million for this crucial campaign. For more information on the 20-20 Campaign, visit [www.ohfoundation.ca](http://www.ohfoundation.ca).

## Brachytherapy: The Future of Radiation Treatment

Brachytherapy is a novel radiation treatment during which a radiated seed is placed either inside a tumour, or as close as possible to the cancer.



Radiated seeds used in brachytherapy.



## A Boost for Breast Cancer Research

The CIBC Breast Cancer Research Lab, to be housed on the third floor of The Ottawa Hospital Cancer Centre at the General Campus, will soon become a reality thanks to a \$400,000 donation from CIBC, its employees, clients, friends and families. Their generous donation will improve care, help find new treatments and enhance the quality of life for breast cancer patients.

### Why it's safer and more efficient:

It enables oncologists to be much more precise in targeting cancerous tissue – all while saving healthy tissue surrounding the tumour or cancerous cells.

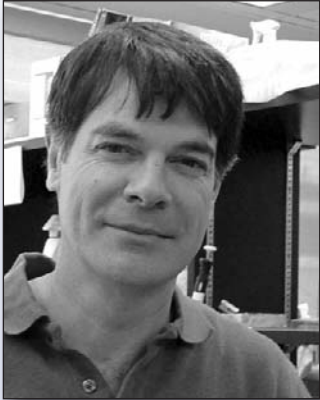
### How the Cancer Centre expansion will make a difference:

A new brachytherapy suite is planned as part of the expansion of the Cancer Centre. It will bring together all stages of the brachytherapy process into one modern, safe, efficient suite. New imaging machines will be located next door to a technologically advanced operating room, and near a shielded “bunker” room for the safe administering of radiation treatment. This expansion will allow for an increase in the number of brachytherapy procedures, from the current 150 patients to as many as 400 patients a year!

### Thank you for your support!

We are truly grateful to our generous President’s Council donors who have demonstrated their leadership and commitment by supporting special projects such as this one. Their support is having a direct and positive impact on the lives of thousands of cancer patient and their families.

# Meet our Cancer Stars



**Dr. Ian Lorimer**

*Senior Scientist, Cancer Therapeutics  
Ottawa Hospital Research Institute*

**Specialties:** Developing new, personalized therapies to treat breast cancer.

**What that means:**

Dr. Lorimer and his team are studying differences in breast cancer cases in order to develop new and better therapies that are customized to each patient. He is also looking at ways to predict which breast cancer cases are most likely to spread to other parts of the body, allowing doctors to try different therapeutics to prevent cancer growth.

**How your support helps him do his job:**

Dr. Lorimer will be able to continue his work in a dedicated breast cancer lab on the third floor of the expanded Ottawa Hospital Cancer Centre. "We need more clinical trials, more drug therapies and a better understanding of personalized cancer treatments. We never want to say to a patient 'there are no more options for you.'"



**Dr. Derek Jonker**

*Medical Oncologist  
The Ottawa Hospital Cancer Centre*

**Specialties:** Clinical trials to test new cancer therapies.

**What that means:**

Dr. Jonker and his team specialize in research on new treatments for colorectal cancer; they test these treatments in clinical trials with patients at The Ottawa Hospital Cancer Centre. These trials give patients access to new treatment options and are key to improving cancer care around the world.

**How your support helps him do his job:**

Community support has helped Dr. Jonker study the effects of a new targeted drug called cetuximab. Dr. Jonker's study, published in the *New England Journal of Medicine*, showed that patients who received the drug survived 23 per cent longer than those who didn't, and had significantly better quality of life. Dr. Jonker is also involved in clinical trials of cancer-fighting viruses developed right here in Ottawa. "The expansion of the Cancer Centre will help streamline our research process, attract the best researchers and clinicians, and help our community be the first to benefit from these trials."



**Dr. Barbara Vanderhyden**

*Senior Scientist, Cancer Therapeutics  
Ottawa Hospital Research Institute*

**Specialties:** A leading ovarian cancer scientist.

**What that means:**

Ovarian cancer is difficult to detect because symptoms don't appear until its late stages, and there are no good screening methods. Dr. Vanderhyden and her team are driven to find out how this deadly cancer occurs at the cellular level, and to test new approaches for diagnosis and treatment.

**How your support helps her do her job:**

Dr. Vanderhyden holds the Corinne Boyer Chair in Ovarian Cancer Research, and works in tandem with OHRI researchers such as Drs. John Bell and Michael McBurney to improve the odds for women with ovarian cancer. "Research is the key to finding methods to prevent, detect and treat this disease. Ongoing community support for lab space and equipment is essential for us to continue our work."

# A gift for the future

Jack and Florence Akeroyd will forever be remembered as friends of The Ottawa Hospital. Not because they worked at the hospital or spent many days within its walls, but because they helped ensure continued excellence in care.

Although Florence died 10 years ago, she and Jack had already taken the time to establish an endowment fund in support of patient care and research at The Ottawa Hospital. In addition, Jack has since designated The Ottawa Hospital as a beneficiary in his will.

“Employees at The Ottawa Hospital have gone out of their way to provide compassionate care for our family. Creating the Florence and Jack Akeroyd Endowment Fund and including The Ottawa Hospital in our wills, is our way of saying thank you for years to come.”



*Newlyweds Jack and Florence Akeroyd in 1943.*

## Men's Health Campaign Update

In the last edition of Life Support, we told you about a \$1.5 million fundraising campaign to create a Research Chair in Men's Health. More than \$900,000 has been raised as of July 2009.

The side effects of prostate cancer treatment can be devastating to patients and their loved ones. The new Chair will help the Hospital continue its innovative research to dramatically reduce nerve damage, including:

- **Drug therapy:** Surgeons are studying a new drug therapy, which they could inject just before surgery to protect the nerves from damage. Lab tests are showing promising results.
- **Dietary measures:** Fasting causes the body to kick its protective functions into high gear. Urology researchers are looking at how a program of alternating days of fasting before and after surgery might reduce damage during surgery or radiation treatments.
- **Cooling off:** Mild hypothermia can have a protective effect on nerve tissue. Surgeons hope to find ways to cool the nerves during surgery to reduce damage.

To support this important campaign, please contact Sue-Ellen Holst at 613-798-5555, ext. 19818.

### We Support



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