



SEVEN OAKS  
GENERAL HOSPITAL  
FOUNDATION

## Backgrounder: A Next Generation space to support Seven Oaks Hospital Chronic Disease Innovation Centre

Seven Oaks General Hospital Foundation has been working to raise \$1.2 million to renovate an existing space on the main level of Seven Oaks Hospital and announced its major donors and the plans for construction at an event today.

The new space will feature natural light, modern presentation aids, options for standing and sitting desks, and space for visiting researchers and students to plug in and work.

A former auditorium on the main level of Seven Oaks General Hospital will be extensively renovated and furnished starting in the New Year and hopefully completed in time to accommodate next year's influx of medical students working on research projects with CDIC.



The research centre will be located prominently between the hospital and the Wellness Institute at Seven Oaks General Hospital which has been applying research on chronic disease management and prevention in innovative programming for 20 years. Wellness Institute will be a key partner for CDIC to test new ideas to keep its community healthy.

### Research Focus

Researchers at the Seven Oaks Hospital Chronic Disease Innovation Centre are uniquely focused on better chronic disease management and prevention using sophisticated data analysis to predict risk, and to model and evaluate improved processes and cost effective treatment. CDIC is focused on:

- Innovations to keep patients healthy and out of hospital
- Research for earlier detection and to design more effective treatment
- Applying what we learn in a rapidly changing healthcare environment
- Analysis to support cost effective healthcare decision making

### Structure and governance

CDIC is an independent non-profit organization incorporated under the Seven Oaks General Hospital Foundation. It is administered by a board of business advisors familiar with the healthcare sector.

Principal Investigators Dr. Paul Komenda, Research Director, Dr. Navdeep Tangri and Dr. Claudio Rigatto all work as kidney specialists at Seven Oaks Hospital but are funded part time to do research and mentor students as Associate Professors of the University of Manitoba.

The investigators hold major grants through the University of Manitoba and oversee the CDIC research team. They work closely with Seven Oaks Hospital, the Winnipeg Regional Healthy Authority, and the Manitoba Renal Program.

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They currently collaborate heavily with researchers interested in other chronic disease areas, and over the CDIC plans to attract specialist-researches active in diabetes, heart and lung disease.

### **Major donors to the Project to date**

- |  |           |
|--|-----------|
| • Platinum Jets                                | \$200,000 |
| • Winnipeg Foundation                          | \$100,000 |
| • Wawanesa Insurance                           | \$100,000 |
| • Manitoba Branch, Kidney Foundation of Canada | \$40,000  |
| • Anonymous Donor                              | \$20,000  |

Seven Oaks General Hospital Foundation has been raising funds including dedicating proceeds from gala dinners to support the project.

### **Innovation and knowledge translation**

One of the objectives for CDIC is to put ideas into action quickly for the benefit of patients and the public. An example of that is the Kidney Failure Risk Equation which has been in use at Seven Oaks Hospital since 2011 as a tool for prioritizing higher risk patients to see a kidney specialist, and to teach patients their individual risk of kidney failure so they can work to prevent that.

That equation developed by CDIC researcher Dr. Navdeep Tangri was later simplified and validated globally using thousands of patient records from dozens of countries and published in the Journal of American Medical Association in February 2016. It is now the standard for kidney failure globally and has been supplemented with a [resource for Family Physicians and their patients](#).

That publication in JAMA received a fair amount of coverage in the popular press including the [Winnipeg Free Press](#), [CBC](#) and [CTV](#).

### **A hub for business and healthcare to collaborate**

Seven Oaks General Hospital Foundation will continue to support CDIC to do its important work, but one of the strategies for sustaining the research is embedded in the objectives of the organization, which includes collaborating with life sciences and technology companies.

CDIC strengths in clinical science, data analytics, health economics and research methodology has created a hub where life sciences companies can collaborate directly with clinicians to develop the next generation of medical devices and treatments.

CDIC has demonstrated it is an effective partner for conducting clinical trials, including after-market effectiveness studies for pharmaceutical companies, technology trials and health economics consulting. Commercial contracts are part of the way the CDIC will be sustained over the long term.

### **More Information**

More information about the CDIC is on its temporary web site at [www.changinghealthcaredelivery.ca/](http://www.changinghealthcaredelivery.ca/). A new website will be launched this fall.