COLLEGE ROUNDUP | HEALING ON THE OTHER SIDE OF THE WORLD IMGS ENJOYING SUCCESS AT CCNM | RESEARCH NEWS PARTNERSHIPS WITH HEALTH-CARE COMMUNITY ARE MOVING OICC FORWARD

## CCCDM CANADIAN COLLEGE OF NATUROPATHIC MEDICINE

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# *The maturing of the profession*

The success of the past year reflects the growth of naturopathic medicine in Canada

ISSUE NO.12-SPRING 2014

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# Contents

#### on our cover

Dan Lander, ND, FABNO, and an OICC patient discuss their treatment plan. The growth of the OICC – through its research, complementary cancer treatments, and partnership with the Ottawa Hospital – is just one of the ways we're seeing the profession mature.

- 02 college roundup
- 05 the maturing of the profession
- **09** the annual CCNM suppliers' show, another winner!
- 10 helping patients heal on the other side of the world
- 13 IMGs enjoying success at CCNM
- 17 why do those who claim to rely on evidence ignore so much of it?
- **18** *research news:* naturopathic care improves health, saves money
- 21 partnerships with health-care community are moving OICC forward
- 28 CCNM dispensary services



# College Roundup

By now we're all a little tired of winter and anticipating the growth and renewal that spring delivers. While we've had significant success over the past year, we too are looking forward to the changes that are taking place at CCNM and within the field of naturopathic medicine.

In 2013, CCNM graduated its 2,000th naturopathic doctor. We received an unprecedented sevenyear approval from the Council on Naturopathic Medical Education. And we established two exciting new initiatives: the Brampton Naturopathic Teaching Clinic, and bridge delivery of our naturopathic medicine program created specifically for international medical graduates (IMGs). On page 13 you'll learn more about our newest IMG students and what they bring to CCNM and the profession.

Staff and associates at the Ottawa Integrative Cancer Centre (OICC) have been working tirelessly to improve the quality of life for patients living with cancer through complementary oncological care, research, and education. The message— that whole-person treatment can reside alongside conventional cancer care — has been increasingly met with acceptance and support. See the progress the OICC is making on page 21.

As we bring a world of experience to CCNM with our IMG cohort, CCNM graduates travel the world to deliver a message of health and wellness. Class of 2007 alum Sigrid Grobys, ND, moved to Singapore five years ago and founded An Apple a Day, a clinic that combines naturopathic care with the services of a personal chef. Find out how Sigrid set out to introduce a more holistic view of health to a country that only has a handful of non-conventional health-care practitioners, page IO.

And the work of CCNM's research department continues to prove relevant to the public's interest in more trusted, economically sound health care.

A recent CBC Marketplace episode featured Dr. Deborah Kennedy, ND,

MBA, PhD, who discussed research demonstrating the inability of ionic footbaths to draw out heavy metal toxins in urine, hair, or into the footbath water itself.

The Journal of Occupational and Environmental Medicine published the findings of a CCNM research collaboration demonstrating the cost-effectiveness of naturopathic medicine in the workplace . Read more about the study and its findings on page 18.

If you haven't yet checked us out, look for us on Facebook, Twitter, YouTube and LinkedIn so that you'll always have the latest College news. Remember, this is your magazine... is there a comment you'd like to share, or a story you'd like to hear? Drop me a line at ckenwell@ccnm.edu.

Catherine Kenwell Editor

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# The maturing of the profession

The successes of the past year, both at CCNM and within the field reflect a maturation of the profession. The College graduated its 2000th ND in 2013, received unprecedented approval from CNME, and continues to build professional alliances.

Mind Body Spirit asked Dr. Bob Bernhardt, CCNM president and CEO, to share his thoughts on the past year and the challenges and opportunities to come.



**MBS:** Naturopathic medicine is garnering more mainstream interest and is increasingly seen as contributing to the overall health-care mix. What are other signs that naturopathic medicine is coming into its own?

In Canada, we've seen a strengthened regulatory environment in Alberta, BC, and Ontario; and in the United States, states with licensure of naturopathic medicine are increasing at greater than one per year. Strong regulatory systems with broad scopes of practice establish platforms upon which naturopathic medicine will be increasingly viewed as an integral contributor to the health-care sector. Talking about contributing to health care ... CCNM will deliver over 45,000 patient visits this year through the range of clinics it operates.

We are also witnessing a strong growth in the interest in, and acceptance of, naturopathic medicine by other groups within health care. This is reflected in our teaching clinic established within Brampton Civic Hospital, as well as through the collaborative care that is becoming more common between oncologists, cancer care units, and the Ottawa Integrative Cancer Centre (OICC). Interestingly, perhaps one of the strongest indications of the growing acceptance of naturopathic medicine is the increasingly strident and desperate criticisms from those who do not accept the body's inherent ability to maintain health.

I was pleased to see the CCNM Canada Post study on the reduction of cardiovascular risk study featured in the Canadian Medical Association Journal. Paul Mittman ND, president and CEO of Southwest College of Naturopathic Medicine, described this publication as one of the most significant events in marking the acceptance of naturopathic medicine over the last 15 years. This study has led to a companion research publication in the Journal of Occupational and Environmental Medicine examining the economic implications of adding naturopathic treatments to conventional care. The analysis indicated that care of this nature can provide substantial savings both in direct medical expenditures as well as in the costs that employers face in accommodating individuals with compromised health. My hope is that CCNM can contribute to greater evidence concerning the economic implications for the increased use of naturopathic medicine.



# **MBS:** What do you consider the 'growing pains' around CCNM's—and the profession's—successes and maturation process?

Professional medical organizations, and some media outlets, have become stridently vocal about what they identify as concerns around the practice of naturopathic medicine. While many, and perhaps most, health-care professionals are increasingly accepting of naturopathic medicine, their organizations are not necessarily in step with the movement toward collaboration and integration. As NDs become increasingly viewed as accepted and vital primary and adjunctive care providers, the profession will be under increasing pressure to articulate its role in Canadian health care.

I am concerned about the significant lack of awareness among the public about who is a real naturopathic doctor. I have received information from Canadian surveys that lead me to believe that five times as many people say they have visited NDs as our calculations suggest would be the case. The other visits are likely to have involved homeopaths, natural healers, Reiki therapists, etc. Our graduates have a minimum of seven years post-secondary education, with four years of intensive medical training. It is critical that we educate the public in how to find a real ND.





Our graduates have a minimum of seven years post-secondary education, with four years of intensive medical training. It is critical that we educate the public in how to find a real ND

Medical practice in general is witnessing an ever increasing focus on evidence-based medicine (EBM). The body of research supporting naturopathic therapies and treatments is growing significantly and the College is committed to expanding this evidence base. That doesn't mean we are abandoning traditional practices; rather, EBM helps bring those practices and other naturopathic therapies to new audiences. Confusion about what constitutes valid evidence has created tension between some NDs who support a focus on the history of traditional practices and the work of the College. My belief is that the expanding evidence base will serve to clarify this evidence and reduce the tensions that have historically been in place.

### **MBS:** What role does CCNM play in setting the standards for naturopathic practice?

As the profession's largest teaching institution, we need to set standards in our teaching clinics and to some extent, this is reflected in what we teach in the curriculum. By necessity, standard setting is much more advanced in some areas (e.g., adjunctive cancer care) than in others (traditional Chinese medicine). In addition, we need to establish the role, or roles, of naturopathic doctors in the health-care system. This includes establishing models of care that promote further integration within the medical community. This will drive curriculum changes as well as a better understanding of naturopathic medicine within health-care policy makers.

### **MBS:** Is speaking out on such issues as vaccination in the best interest of CCNM?

The American Association of Naturopathic Physicians (AANP) has started to voice strong support for many of the standard childhood vaccinations. Several of the state associations are lobbying to ensure that naturopathic doctors in their jurisdiction have the right to administer vaccinations within their scope. The Clinic Therapeutics Committee of CCNM has established practice standards associated with the discussion of vaccinations with patients in our teaching clinics. The Brampton Civic Hospital sought our involvement in clarifying issues related to flu vaccinations for health care workers who are patients of the clinic. Statements are being made, the question is how should these statements be communicated and to whom? As the AANP has demonstrated, at times it is important to have the voice of naturopathic doctors and researchers in public forums, and when we do the voices need to reflect best evidence. As an educational and research body, our role is to demonstrate leadership in the assessing and evaluation of the evidence base.

# **MBS:** How willing is CCNM to speak out in disagreement with other naturopathic stakeholders, such as the associations and individual grads and NDs?

I would hope that this is never the case. However, as demonstrated by Dr. Deborah Kennedy's research study on ionic footbaths, at times the research will point in directions that do not accord with the views of some practitioners. That reflects a developing evidence base for naturopathic medicine. Just as other medical educational and research institutions are taking leadership roles in identifying the misuse of some diagnostic tests, antibiotics and antidepressants by medical doctors; so too will the work of CCNM at times identify practices of naturopathic doctors that no longer reflect the best evidence. The associations truly do represent their members; in the long run I would expect our voices to be coherent as we each seek to provide the best guidance that we can. As this process unfolds, some level of healthy disagreement and open discussion are simply signs of a maturing profession.

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### *The Annual* ccnm suppliers' show: another winner!

Over 50 suppliers were represented at this year's suppliers' show, held on January 15 at the College. Thanks to Lindsey White, ND, for coordinating the event and to the advancement and facilities departments for their help in organizing the logistics before the big day. Because of their hard work, the show was the most successful yet – around \$50,000 was raised for the NSA!







# Healing on the other side of the world

By Sana Abdullah

#### SUCCESS IS A DIFFICULT WORD TO DEFINE, ACCORDING TO SIGRID GROBYS, ND.

"It's hard to figure out what my own true definition is without allowing my answer to be influenced by outside definitions!" she says. "To me, it feels successful to think that every dollar I earn has really come from my own efforts alone. It feels successful to think that I've managed to attract patients to me and been able to help them to the point that they've referred me to their friends. I like that feeling of having helped someone in their journey to health." The Class of 2007 graduate discovered early on that success and wellness are related concepts. So when Sigrid moved to Singapore five years ago and founded An Apple a Day, a clinic that combines naturopathic care with the services of a personal chef, she set out to introduce a more holistic view of health to a country that only has a handful of non-conventional health-care practitioners.

For many, the tiny island conjures up images of skyscrapers, modern efficiency, and economic strength. But in this fast-paced and bustling society, it's sometimes easy to lose track of one's health – and this where Sigrid's healthy living philosophy kicks in.

It wasn't always easy, though. Not having a business background meant that Sigrid had to learn about workplace laws and customs. In the beginning, after being granted a work permit, Sigrid found that many Singaporeans did not know much about naturopathic medicine (despite the common usage of traditional Chinese medicine) and were not initially receptive to it. Additionally, there is some turnover in Sigrid's patient base, as it mostly consists of foreigners who generally live in the country for only a few years.

"I found it quite difficult to market my practice and recruit new patients at first," she recalls. "Naturopathic medicine is not a regulated profession here and that it took me a while to find good health supplements available here to recommend to my clients."

But with time, patience, and hard work, Sigrid's practice flourished.



"Once I found the most efficient marketing channels and realized what worked and didn't work, things became a little easier; and of course, as time passed, word-of-mouth also kicked in," she says.

The daughter of expatriates, Sigrid and her family moved to a different country every five years for her entire childhood – and as a teenager, she lived for some time in Southeast Asia. So when her four years at CCNM came to a close and she received her ND license, Sigrid and her husband felt that a move was in order. Singapore was a natural decision due to its climate, adaptability, and opportunities.

Even though Sigrid has familiarity with the region, moving to a new city or country can still be an exciting challenge despite the many unknowns. Sigrid believes that a person with certain characteristics – "one that likes being quite independent, self-driven and alone" – can truly thrive in this type of environment.

"There is no naturopathic community per se in many countries, and so there's no support when in doubt about a particular treatment plan (I use online forums such as NatChat a lot to find tips and support). Also, there is no naturopathic association to guide new grads when they start a practice or to give information about practical issues like malpractice insurance," she explains.

So while the same resources that are easily accessible for NDs in North America are difficult to come by elsewhere, the positives – starting anew, building a practice from scratch, educating a community about naturopathic medicine and its benefits – are worthwhile.

### "It's wonderful to have a lot of freedom and really create the practice of your dreams!"

Learn more about Sigrid and An Apple a Day at http://www.anappleaday.com.sg

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# IMGS ENJOYING SUCCESS at CCNM

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In May 2013, CCNM welcomed the first group of International Medical Graduates (IMGs) to the inaugural intake of the bridge delivery. So far, the integration has been relatively smooth for such a large transition – the IMGs have brought their own wealth of experiences and insights to the College and have enriched the program with their knowledge.

Medical doctors in their home countries, both Rana Samara and Hany Hanein see the benefits using naturopathic treatments and modalities to enhance patient care.

"I could never imagine myself prescribing chemotherapeutics for rheumatoid arthritis or ulcerative colitis, and thought that there must be another way," Rana says about her work as a general practitioner and at a multi-disciplinary hospital in Jordan before coming to Canada in 2009.

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Since her arrival five years ago, Rana has worked as a sleep technologist and acted as a board member of the Immigrant Culture and Art Association in Hamilton, a nonprofit organization that supports the artistic talents of newcomers through art education and cultural events.

But Rana's journey to naturopathic medicine began much sooner almost nine years ago — when studying naturopathic medicine became a goal she set for herself during medical school. And now, at CCNM, Rana says she is "living one of my life goals."

"In my practice, I was seeing more chronic conditions, and sometimes patients left with no answer. Now that I am studying naturopathic medicine I realize that they are challenging cases, and we can offer symptom-relieving treatments with minimal side effects and less damage to organs."

Hany's experiences also mirrors Rana's – he too worked as a general practitioner in his native Egypt and believes that a complete approach to health incorporates conventional and naturopathic medicine.

"I believe in integrative medicine, and that the best physician is the one who can help his patients heal naturally with their own healing power," says Hany. "Medical and surgical interventions should be there only to support this natural way of healing."

He moved to Canada in 2008 with his family and pursued his medical license (in June 2013, Hany received his Licentiate of the Medical Council of Canada). Concurrently, Hany is busy with his third term at CCNM and studying for a masters in counselling, which he began in 2011. Although balancing these commitments is demanding, Hany finds motivation and inspiration from his family, former practice and personal beliefs. he has also enjoyed learning more about sports medicine.

For Rana, Asian medicine has become her favourite subject, adding that "it paints a descriptive picture that can be formed about a patient. To some extent, Asian medicine

"THE BEST PART OF THIS PROGRAM IS CCNM," SAYS HANY. "THIS SINCERE, POSITIVE SPIRIT AND WARM ATMOSPHERE, IS THE BEST THAT I HAVE FOUND ABOUT THE PROGRAM."

In fact, one of the features of the bridge delivery that attracted Hany was the timeframe; instead of the usual four-year period, IMGs can earn their naturopathic medicine diplomas in only two. For many IMGs, who juggle their personal life with their desire to practice medicine, this time obligation is more feasible.

"I found that the design of the program would not delay my process of getting my MD license," Hany explains. "So I accepted the challenge of being a full-time student, commuting around three hours per day and managing the financial cost."

Rana and Hany will soon begin their internship at the Robert Schad Naturopathic Clinic along with their third-year counterparts. Both are looking forward to interacting with patients and applying their naturopathic training with their extensive clinical experience.

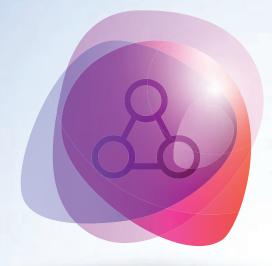
"I'm also excited to start the integrative medicine and primary care courses," reveals Hany. And as a competitive tennis and soccer player, can even determine which diseases patients may be susceptible to in their future lives, and I can see myself combining both the conventional and the traditional Asian medicine approaches understand the patient and the disease on a deeper level."

So far, the IMGs have eased back into the rigours of poring over class notes, highlighting important sections in textbooks, studying long hours before an exam, and participating in student governance (Hany and Rana are both IMG class representatives). The support of their fellow IMGs and the CCNM community has helped with the transition.

"The best part of this program is CCNM," says Hany. "This sincere, positive spirit and warm atmosphere, is the best that I have found about the program."

Rana agrees. "Being a student in a Canadian naturopathic medicine school is a real privilege to me; I'm enjoying the surrounding environment which is very supporting and understanding. We all feel like a family."





## Why do those who *claim* to rely on evidence *ignore* so much of it?

As improved regulation in Ontario brings naturopathic medicine to the public's attention, we expect that the profession will increasingly be under the microscope for those who challenge its value. CCNM President Bob Bernhardt responded to a recent Toronto Star commentary, citing the College's reputation as a leader in naturopathic medical research.

In response to "Naturopaths and the creep of pseudo-science" (Toronto Star, December 15), contributor Timothy Caulfield chooses to ignore the fact that in Ontario, naturopathic doctors (NDs) have been a self-regulating profession since 1925. Revised regulations will provide a strengthened framework for naturopathic care and place the profession alongside others under the *Regulated Health Professions Act*—benefitting and protecting public safety through a carefully defined scope of practice.

The educational path to becoming a naturopathic doctor begins with the completion of a three or four year premedical degree, followed by four years of intensive medical education and training. The curriculum involves extensive training in the fundamental biomedical sciences and clinical sciences. In addition to these courses, students experience more than 1,200 hours of clinical training as primary interns co-managing patient care with supervising NDs. Further, in order to practice in Ontario, NDs must pass extensive national and provincial exams and maintain continuing professional education.

Mr. Caulfield reports that NDs encourage the use of ionic foot baths for detoxification purposes; in fact, the Canadian College of Naturopathic Medicine (CCNM), in conjunction with University of Toronto's Faculty of Pharmacy, conducted a clinical study showing a lack of evidence pertaining to their use and their ability to remove potentially toxic elements such as arsenic and lead from the body.

Footbaths are not part of the curriculum at CCNM and there is no indication that they are widely used by registered naturopathic doctors. It seems Mr. Caulfield focuses not on the most common treatment modalities used by naturopathic doctors, but rather, those which are used infrequently and whose claims appear most sensational. CCNM has developed a strong reputation for research both nationally and internationally. CCNM has published research findings in the British Medical Journal, International Journal of STDs and AIDS, and Plos One, and has conducted joint research projects with partners including the Ottawa General Hospital, the Hospital for Sick Children, Health Canada and Canada Post Corporation.

Earlier this year, the Canadian Medical Association Journal published the results of a randomized control trial on the reduction of cardiovascular risk through the provision of naturopathic care. The report demonstrates that NDs may be an effective addition to health-care teams or individuals struggling with cardiovascular health, as participants in the naturopathic group experienced a reduced IO-year cardiovascular risk profile and a lower frequency of metabolic syndrome compared to the control group who received only enhanced usual care.

CCNM encourages an open dialogue on the research and science associated with naturopathic medicine, and challenges the rhetoric put forward by Mr. Caulfield. So too would many of the patients who have sought naturopathic care, often in conjunction with biomedical treatment, and have found improved health.

# Naturopathic Care Imp

A CCNM Research Department collaboration with Patricia Herman, ND, PhD (RAND Corporation) has resulted in a second published study demonstrating the cost-effectiveness of naturopathic medicine in the workplace. The findings of this study, published in the Journal of Occupational and Environmental Medicine, are a companion analysis of a one-year randomized control trial that evaluated the addition of individualized naturopathic care to enhanced usual care for those with elevated cardiovascular risk in a workplace setting. That study, funded by the Joint Benefits Committee of the Canada Post Corporation and the Canadian Union of Postal Workers was published in the Canadian Medical Association Journal in April, 2013.

# Research News

# roves Health, Saves Money

Results of that study showed that the risk of a cardiovascular event over the next IO years was reduced by 3.3 percentage points, meaning that for every 100 workers treated with adjunctive naturopathic care, 3.3 fewer would experience a significant and potentially deadly event such as a stroke. Cost-effectiveness was analyzed using health outcomes, as well as direct and indirect medical costs including medical claims, sick leave and presenteeism data. Cost savings from adjunctive naturopathic care were found from both an employer and societal perspective as \$1,187 and \$1,138 respectively using quality-adjusted life years and 10 year cardiovascular disease and event risks. The simple message for

policy-makers and employers is this: everyone wins when you invest in health and take preventative steps towards addressing health concerns. See your local naturopath for results!

A Naturopathic Approach to the Prevention of Cardiovascular Disease Cost-Effectiveness Analysis of a Pragmatic Multi-Worksite Randomized Clinical Trial. Herman P, Szczurko O, Cooley K, Seely D. (2014) Journal of Occupational and Environmental Health 56(2): Published online ahead of print at: http://journals.lww.com/ joem/Abstract/publishahead/A\_ Naturopathic\_Approach\_to\_the\_ Prevention\_of.99142.aspx

#### In other research news...

a recent CBC Marketplace episode on detox featured CCNM research led by Dr. Deborah Kennedy, ND, MBA, PhD. Deborah discussed research published in 2012 which demonstrated the inability of ionic footbaths to draw out heavy metal toxins in urine, hair, or into the footbath water itself. The program's message was one of 'buyer beware' amidst heavy marketing and celebrity-based promotions for 'fad' avenues to detox. Naturopathic doctors, and the research we do at the College, are being positioned as credible sources for information for the public, as well as the scientific community. The interview with Deborah can be seen here: http:// www.cbc.ca/marketplace/blog/ interview-do-detox-foot-baths-work

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# Partnerships with health-care community are moving OICC forward

Since it opened in 2011, staff and associates at the Ottawa Integrative Cancer Centre (OICC) have been working tirelessly to improve the quality of life for patients living with cancer through complementary oncological care, research, and education. The message — that whole-person treatment can reside alongside conventional cancer care — has been increasingly met with acceptance and support.

Two years prior to opening, the OICC conducted a feasibility study that began a process of talking and meeting with members of the community and health professionals in greater Ottawa. Dugald Seely, the executive director and founder of the OICC, says that the greater degree of openness regarding the Centre and what it does has been encouraging and continues to grow.

"Some oncologists and surgeons are receptive to us and refer their patients. We've also had general practitioners in the local health clinics refer their patients as well. Once they understand what we are trying to achieve and see the benefits their patients obtain, they're on board with what we're doing," he says.

Over the last few years, the attitude towards naturopathic medicine has warmed considerably. The Brampton Naturopathic Teaching Clinic (BNTC) at Brampton Civic Hospital is just one example – many MDs and others recognize the need for complementary care and the BNTC operates at full capacity with a waiting list for appointments that extends three months ahead.



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"We've spoken at grand rounds, to surgical residents, to researchers at the Ottawa Hospital Research Institute, and the folks at the psychosocial oncology program."



The same is true of the OICC – Dugald has been able to establish a relationship with the Ottawa Hospital and some of its doctors, researchers and others sit on the OICC's Scientific Advisory Council.

"Overall, we've had many opportunities to speak to different groups at the Ottawa Hospital. We've spoken at grand rounds, to surgical residents, to researchers at the Ottawa Hospital Research Institute, and the folks at the psychosocial oncology program. We also have two talks lined up with the oncology nurses there," he explains.

One of the avenues leading to greater collaboration with conventional care providers comes through the conduct of research. Following Dugald's presentation at oncology grand rounds, physicians at the Ottawa Hospital requested support and collaboration on the development of a placebo controlled randomized trial testing the use of IVC for women with breast cancer. The OICC is waiting on approval for funding. In addition, there are two clinical trials in development with oncologists and surgeons at the Ottawa Hospital that Dugald is hopeful to have ready by March.

Most of the OICC's collaborators are located within Canada's Capital Region itself. Dugald and his team — including Sarah Young, programs and outreach coordinator, and Heidi Vincent, communications and public relations — are active in outreach to different associations, media outlets, and patient support organizations and groups.

"Some of these include the palliative care program at Bruyère Continuing Care, the Somerset West Community Health Centre, local radio, and well-established health food stores such as Rainbow Foods and the Natural Food Pantry," adds Dugald.

The media response has been positive, too. In September 2013, Healthwise Ottawa completed a three-part series on the OICC and the combination of oncology and naturopathic medicine to treat cancer patients. And after recently passing the Ottawa

Hospital's list of advertising criteria, the OICC also launched an elevator campaign which will reach an estimated 750,000 people over the next year.

An ongoing six-part feature in Ottawa Life Magazine (a monthly insert in the Globe and Mail) is bringing many OICC stories to life – the third installment, published in January, focuses on the OICC as its cover story and highlights the journeys of three women who are struggling or recovering from cancer.

"Finally, Ottawa Woman magazine also showcased some of the women of the OICC, including Sarah, nutritionist Kylie Delfino, psychotherapist Jennifer Turner, and exercise physiologist Guylaine Perreault. Guylaine also appeared on CTV News on screen in January and on CBC morning radio," Dugald says.

What does the future hold for the OICC and other models of complementary care in Canada? Certainly, inroads are being made that suggest more conventional health-care practitioners and the public are embracing naturopathic medicine and its power to help treat and heal patients. There are still skeptics, but the success of the OICC indicates that Canadian health care is moving in new directions.

Read more about OICC's partnerships, media coverage, and research at www.oicc.ca

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