

# CURRICULUM VITÆ

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AKBAR N. KHAN

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## Qualifications

1994                    **CCFP**, Certificant of the College of Family Physicians of Canada (University of Toronto).

1992                    **MD**, Doctor of Medicine (University of Toronto).

## Work Experience

2006 to Present        **Founder and Medical Director, Medicor Cancer Centres Inc**, the first private integrated cancer treatment centre of its kind in Canada.

1995 to 2009         **Surgical Assistant**, Scarborough Grace Hospital and Scarborough General Hospital, including orthopedic, general, obstetrical, gynecologic, plastic and vascular surgeries (including endoscopic and micro-surgery).

1999 to 2007         **Co-Founder and Co-Director, Palliative Interdisciplinary Network**, a registered Canadian charitable corporation providing physician-led pain and symptom management and quality of life enhancing medical care to patients in their homes in Scarborough, Ontario.

1995 to 1999         **Team Physician, UTSC Health and Wellness Center**, University of Toronto, Scarborough Campus.

1994 to 1997         **Member, Palliative At Home Care Team** at Scarborough General Hospital, a group of physicians dedicated to providing home-based palliative care services in Scarborough, Ontario.

1994 to 1996         **Medical Consultant, Addiction Research Foundation.**

Responsibilities included:

- Medical supervision of research subjects in remifentanyl abuse liability trials
- Treatment of patients with addictions to cocaine, alcohol and opiates

## Peer-Reviewed Publications

[A Novel Form of Dichloroacetate Therapy for Patients With Advanced Cancer: A Report of 3 Cases](#). Khan A, Marier D, Marsden E, Andrews D, Eliaz I, Altern Ther Health Med. 2014 Oct;20(S2):21-28.

[“Long-term remission of adenoid cystic tongue carcinoma with low dose naltrexone and vitamin D3 - a case report”](#), Khan A, Oral Health Dent Manag. 2014 Sep;13(3):721-4.

[“Chemotherapy-Induced Peripheral Neuropathy”](#), Corradetti R, Khan A, Journal of Integrated Healthcare Practitioners, July 2014

[“Vitamin E: Obstacles and Opportunities in Cancer Prevention and Treatment”](#), Khan A, Stavros E, Kroeker A, Journal of Integrated Healthcare Practitioners, Sep 2013

[“Individualizing Chemotherapy using the Anti-Diabetic Drug, Metformin, an Adjuvant: An Exploratory Study”](#), Bradford S, Khan A, J Cancer Sci Ther 2013, 5.3

[“Case Report of Long Term Complete Remission of Metastatic Renal Squamous Cell Carcinoma After Palliative Radiotherapy and Adjuvant Dichloroacetate”](#), Khan A, Advances in Cancer Research and Treatment, Vol 2012 (2012) [Epub]

[“Use of Oral Dichloroacetate for Palliation of Leg Pain Arising from Metastatic Poorly Differentiated Carcinoma: A Case Report.”](#)  
Khan A, J Palliat Med. 2011 Apr 12. [Epub ahead of print]

## Other Publications

Poster Presentation at OMICS 3rd World Conference on Cancer Science and Therapy, Oct 2013, San Francisco, CA, “Can Metabolic Therapy of Breast Cancer Outperform Post-Op Adjuvant Chemo and Hormonal Therapy? In vitro Analysis and Clinical Correlation”

“The Role of Low Dose Naltrexone in Cancer Treatment”, Feb 16, 2009, LDN Research Trust Newsletter, U.K.

## Other

Peer reviewer for the World Journal of Surgical Oncology, Oct 2014

## Lectures / Post-Graduate Teaching

Invited lecturer at LDN Research Trust Conference, Orlando, FL, Feb 2016, lecture title: “Low Dose Naltrexone (LDN) for Cancer Treatment”.

Invited lecturer at Cancer Forum “Croquer La Vie” hosted by Dr. Marlène Boudreault N.D., Spa Eastman, QC, Jan 2016, lecture title: “Innovations in Cancer Care: The Art of Medicine”.

Invited lecturer at Ontario Justice Education Network Law Day Symposium, April 2015, Toronto, ON, lecture title: “Physician-Assisted Suicide”.

Invited lecturer at Metabolic Cancer Therapy Forum “Croquer La Vie” hosted by Dr. Marlène Boudreault N.D., Spa Eastman, QC, Jan 2015, lecture title: “Integrative Cancer Care: Gentle Cancer Therapies LDN and DCA”.

Invited lecturer at LDN Research Trust Conference, Las Vegas, NV, Nov 2014, lecture title: “Low Dose Naltrexone (LDN) as Cancer Therapy”.

Invited lecturer at Food as Medicine Forum hosted by Dr. Marlène Boudreault N.D., Montreal, QC, Oct 2014, lecture title: “Gentle Cancer Therapies: LDN and DCA”.

Invited lecturer at Hippocrates Health Institute Metabolic Cancer Therapy Forum, West Palm Beach, FL, May 2014, lecture title: “Metabolic Therapy with DCA”.

Invited lecturer at Ontario Justice Education Network Law Day Symposium, April 2014, Toronto, ON, lecture title: “Mental Health and the Law”.

Invited lecturer at OncANP Conference in Phoenix, AZ, Feb 2014, lecture title: “Copper Chelation with TM: An Anti-Cancer Strategy”.

Invited lecturer at the American Academy of Anti-Aging Medicine conference in Las Vegas, NV, Dec 2013, 8 hours post-graduate teaching for American Board fellowship course (ABAARM) in Integrative Cancer Therapy. Assistance with fellowship examination preparation.

Invited lecturer at OncANP Conference in Phoenix, AZ, Feb 2013, lecture title: “DCA: Guidelines for Clinical Use”.

Invited lecturer for Ontario Justice Education Network Law Day Symposium, April 2013, Toronto, ON, lecture title: “Mental Health and the Law”.

Invited lecturer for Ontario Justice Education Network Law Day Symposium, April 2011, Toronto, ON, lecture title: “Euthanasia and Assisted Suicide”.

Invited lecturer for Ontario Justice Education Network Law Day Symposium, April 2010, Toronto, ON, lecture title: “Deliberating the Medico-Legal Issues of Private Healthcare in Canada”.

Invited lecturer for Ontario Justice Education Network Law Day Symposium, April 2009, Toronto, ON, lecture title: “Euthanasia and Assisted Suicide”.

Invited lecturer for Ontario Justice Education Network Law Day Symposium, April 2007, Toronto, ON, lecture title: "Euthanasia and Assisted Suicide".

Invited lecturer for Purdue Pharma, Nov 2006, Toronto, ON, lecture title: "Challenging Cases in Cancer Pain Management".

Invited lecturer for Purdue Pharma, Oct 2006, Toronto, ON, lecture title: "Challenging Cases in Cancer Pain Management".

Invited lecturer for Yee Hong Centre Palliative Care, Feb 2006, Toronto, ON, lecture title: "Palliation of Respiratory Symptoms".

Invited lecturer for The Canadian Lung Association, Sep 2004, Toronto, ON, lecture title: "Integrated Approach to Respiratory Health - Palliation of Respiratory Symptoms".

Invited lecturer for The Scarborough Hospital, Apr 2004, Toronto, ON, lecture title: "Palliation of Respiratory Symptoms".

Invited lecturer for The Scarborough Hospital, Jan 2004, Toronto, ON, lecture title: "Palliation of Cancer Symptoms".

Post-graduate teaching in palliative medicine for family medicine residents at Scarborough General Hospital (2000-2005)

### **Computer Experience**

Windows environment and applications  
DOS environment and applications  
Database programmer and design, Microsoft Access, Visual Basic for Applications  
Assembly language programmer for 68000 series CPUs  
Assembly language programming for PIC microcontrollers

### **Significant Achievements**

First in Canada to develop a comprehensive Canadian cancer prevention program partnering with naturopathic doctors across Canada, and incorporating SV electronic cigarettes, high dose vitamin D, low dose naltrexone, targeted nutrition and fitness (with Tosca Reno) and ultra-early cancer detection using the ONCOblot blood test.

First in Canada to administer "SEF" or "side effect free" chemo immunotherapy, with over 90% responses in stage 4 cancers of various types (therapy developed by Dr. Kenneth Matsumura, inventor of the artificial liver, artificial pancreas and wrist-watch heart attack alarm).

First in the world to develop a computerized pre-printed order system for "SEF" or "side effect free" chemo immunotherapy, including total skeletal spongiosa volume (TSSV) estimation for chemo antidote dose optimization.

First in the world to treat cancer patients with off-label dichloroacetate, and largest number of patients treated (over 1500).

First in the world to demonstrate curative potential of dichloroacetate when used as an adjuvant to chemotherapy or radiotherapy (> 5 year complete remissions of glioblastoma multiforme, metastatic recurrent small cell lung cancer and metastatic renal squamous cell cancer). One case published, others pending.

First in the world to demonstrate long-term disease control (years) in cancer patients with a combination of ammonium tetrathiomolybdate and dichloroacetate.

First in the world to successfully treat cancer patients with various solid tumours using oral ribavirin.

First in the world demonstrate dramatic synergism of dichloroacetate and metformin using *in vitro* chemosensitivity testing, and correlate the response *in vivo* in humans (breast cancer).

First in the world demonstrate dramatic synergism of dichloroacetate and the magnolia tree extract honokiol *in vivo* in humans (chronic lymphocytic leukemia).

First in Canada to develop a PDA-based portable electronic health record system for cancer patients.

First in Canada to offer ChemoFit™ chemosensitivity/chemoresistance testing to cancer patients.

Student of Matsubayashi Karate-Do since 2006 under Jardine Sensei of Renseikan Dojo

Promoted to rank of Shodan / instructor, Nov 2012

Promoted to rank of Nidan, Jul 2014

Assisted members of Scarborough community in becoming annual members of the Scarborough Hospital Corporation, and in overthrowing the hospital Board of Directors for violation of Ontario laws and failure to act in the best interests of the patients / community (a legal precedent for Ontario, 2006).

## Hobbies

Automotive repair and customization

Electronic circuit and printed circuit design and construction

Carpentry and furniture design

Small scale metalworking, welding

Computer software design

Home theatre design and construction, audio and video calibration.

Water gardening