

# Randomised trial of an internet-based evidence-based medicine continuing education intervention

<b>Submission date</b> 01/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 24/02/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 18/04/2008	<b>Condition category</b> Circulatory System	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

## Study information

### Scientific Title

### Study objectives

We anticipate that an internet-based evidence-based medicine (EBM) course that is targeted for specific medication compared to traditional CME will lead to increased use of specific medications.

### Ethics approval required

Old ethics approval format

### Ethics approval(s)

Health Sciences II Research Ethics Board, University of Toronto, Toronto, Ontario, Canada (5 April, 2002).

### Study design

Randomised controlled trial

### Primary study design

Interventional

### Secondary study design

Randomised controlled trial

### Study setting(s)

Not specified

### Study type(s)

Not Specified

### Participant information sheet

### Health condition(s) or problem(s) studied

Stroke and Diabetes - continuing medical education (CME) study

### Interventions

Group 1. Online course on evidence-based medicine where the topic studied is related to stroke. There are ten sessions and we ask the family physician to complete this course within 6 months.  
Group 2. Online course on evidence-based medicine where the topic is related to diabetes. There are ten sessions and we ask the family physician to complete the course within 6 months.  
Group 3. Mailed materials where there is a practice guideline on stroke and a hard copy of a slide presentation on stroke (traditional CME). We ask the family physician to complete the readings within 6 months.

### Intervention Type

Other

**Phase**

Not Specified

**Primary outcome measure**

The proportion of appropriate patients who receive a prescription for statins 12 months after the completion of the study intervention i.e. the online course or completion of readings.

**Secondary outcome measures**

1. The proportion of patients with coronary heart failure (CHF) who receive beta-blockers
2. The proportion of patients with atrial fibrillation who receive prescriptions for warfarin at 6, 12, and 24 months after the study intervention
3. Physician satisfaction with the CME online course and the readings will be evaluated

**Overall study start date**

15/05/2004

**Completion date**

31/03/2007

**Eligibility****Key inclusion criteria**

1. In practice for at least one year
2. Will be in practice for the next year
3. Aged greater than or equal to 18 years old, either sex
4. 50% of the clinical practice are adults
5. Access to the internet
6. Able to converse and read in English

**Participant type(s)**

Patient

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

Both

**Target number of participants**

350

**Key exclusion criteria**

1. Cannot speak English
2. Participating in another EBM CME study
3. Retiring from clinical practice within one year of the study onset
4. Permission denied for viewing prescription practices

**Date of first enrolment**

15/05/2004

**Date of final enrolment**

31/03/2007

## **Locations**

**Countries of recruitment**

Canada

**Study participating centre**

Toronto Western Hospital

Toronto

Canada

M5T 2S8

## **Sponsor information**

**Organisation**

University of Toronto (Canada)

**Sponsor details**

27 Kings College Circle

Toronto

Canada

M5S 1A1

**Sponsor type**

University/education

**ROR**

<https://ror.org/03dbr7087>

## **Funder(s)**

**Funder type**

Research organisation

**Funder Name**

Canadian Institutes of Health Research (CIHR) (Canada) - <http://www.cihr-irsc.gc.ca> (ref: MOP-53096)

# Results and Publications

## Publication and dissemination plan

Not provided at time of registration

## Intention to publish date

## Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration