

Impact of archiving manuscripts in institutional /subject repositories on knowledge translation

Submission date 08/07/2008	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 08/08/2008	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
Last Edited 11/07/2014	Condition category Other	<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
MOP-84476

Study information

Scientific Title

Study objectives

New public policies in the United States of America (USA), Canada, and other countries stipulate that publicly funded research must be made publicly accessible, for example by depositing it in subject repositories such as PubMed Central or in institutional repositories. It is unclear if this results in higher visibility and higher number of citations. We will investigate whether manuscripts which are accessible through PubMed Central (PMC) or other repositories receive a higher citation count than manuscripts which are not made accessible through "self-archiving" (i. e., depositing manuscripts in subject repositories).

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval pending from the University Health Network Research Ethics Board (UHN REB) as of 10/07/2008. Application submitted on 07/07/2008.

Study design

Randomised controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Other

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Medical publishing

Interventions

The unit to be randomised are published manuscripts. The authors will be sending their manuscripts to be randomised so that the authors will not know whether the manuscript will be either archived on Pubmed Central (intervention) or not (control). A citation analysis will be performed every 6 months for a minimum of 3 years.

Subset analyses.

The data analysis plan involves comparing the mean number of citations as well as the proportion of uncited manuscripts between the control and intervention group every 6 months. We are also planning three separate subset analyses:

1. We will compare the two groups within discipline-specific subgroups
2. We will compare the two groups in subgroups depending on the timing of open access (e.g. a subgroup of only those articles which are immediately open access, or within a subgroup of manuscripts which are open access after 12 months)
3. We will compare the groups in subgroups of highly cited and less cited manuscripts at baseline

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Citations within the scientific literature, assessed every 6 months.

Secondary outcome measures

Other measurements for uptake and dissemination of scientific knowledge, including:

1. Citations in news articles
2. Citations on the Internet
3. Uptake by end-users and policy makers

Assessed every 6 months.

Overall study start date

01/08/2008

Completion date

01/08/2013

Eligibility**Key inclusion criteria**

1. Authors of manuscripts with at least one NIH-funded co-author
2. Manuscript published between January 1st 2008 and April 7th 2008
3. Manuscript is not already accessible on PMC or as free full text elsewhere
4. The copyright policies of the journal allow 'self-archiving' on subject repositories such as PMC

Participant type(s)

Patient

Age group

Other

Sex

Both

Target number of participants

500 authors to be contacted, expected participation rate approx 40% (target sample size: 200 manuscripts)

Key exclusion criteria

1. Authors whose email address is not listed in the affiliation field of PubMed
2. Letters, editorials, and reviews

Date of first enrolment

01/08/2008

Date of final enrolment

01/08/2013

Locations**Countries of recruitment**

Canada

Study participating centre

190 Elizabeth St

Toronto

Canada

M5G 2C4

Sponsor information**Organisation**

University Health Network (Canada)

Sponsor details

Centre for Global eHealth Innovation

R. Fraser Elliott Building, 4th Floor, room # 4S435

190 Elizabeth Street

Toronto

Canada

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Sponsor type

University/education

Website

<http://www.uhn.ca/index.htm>

ROR

<https://ror.org/042xt5161>

Funder(s)

Funder type

Research organisation

Funder Name

Canadian Institutes of Health Research (Canada), ref: MOP-84476

Alternative Name(s)

Instituts de Recherche en Santé du Canada, Canadian Institutes of Health Research (CIHR), CIHR_IRSC, Canadian Institutes of Health Research | Ottawa ON, CIHR, IRSC

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

Canada

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