



# eHealth InfoSource cybersanté



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## Announcements

### Information about the Personal Information Protection and Electronic Documents Act (PIPEDA)

In January 2004, the Personal Information Protection and Electronic Documents Act (PIPEDA) will come into full force. PIPEDA establishes principles for the collection, use, and disclosure of information in the commercial areas (e.g. physician practices, pharmacies, private labs, etc).

The Federal Government is currently preparing tools to clarify and provide guidance in this regard. These tools are being prepared in consultation with the Office of the Privacy Commissioner of Canada as well as major health care associations.

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## Conferences

Conferences happening in the next 4 months in Canada and the United States, that focus on information and communications technologies in health, health informatics, health information management, health technology assessment, and privacy. Access all of the upcoming [Conferences](#) listed on our site (including conferences from around the world and into 2004).

### January 2004

January 19-20, 2004. **Data Symposium 2004 : Enhancing Information and Methods for Health System Planning and Research.** (Toronto, Ontario, Canada.)  
[http://www.ices.on.ca/webpage.cfm?site\\_id=1&org\\_id=27&morg\\_id=0&gsec\\_id=1623&item\\_id=1623](http://www.ices.on.ca/webpage.cfm?site_id=1&org_id=27&morg_id=0&gsec_id=1623&item_id=1623)

January 21, 2004. **IT in Healthcare Seminar Series : "Effective Implementation of Information Technology in Clinical Research".** (Ottawa, Ontario, Canada.)  
<http://www.ocri.ca/events/ithealth.html>

January 27, 2004. **Health Privacy & Security.** (Fredericton, New Brunswick, Canada.)  
<http://www.coachorg.com/Default.asp?id=471&>

January 28, 2004. **Health Information Management.** (Fredericton, New Brunswick, Canada.) <http://www.coachorg.com/Default.asp?id=471&>

### February 2004

February 10, 2004. **Electronic Health Record.** (Vancouver, British Columbia, Canada.)  
<http://www.coachorg.com/Default.asp?id=471&>

February 11, 2004. **Health Privacy & Security.** (Vancouver, British Columbia, Canada.)  
<http://www.coachorg.com/Default.asp?id=471&>

February 11-12, 2004. **Security and Privacy : Friends, Foes or Partners.** (Victoria, British Columbia, Canada.) <http://www.rebootnorthamerica.com/privacy2004/index.htm>

February 18, 2003. **IT in Healthcare Seminar Series : "The Facts About Electromagnetic Interference with Medical Equipment from Wireless Networks"**. (Ottawa, Ontario, Canada.) <http://www.ocri.ca/events/IThealth.html>

### March 2004

March 1, 2004. **Electronic Health Record**. (Calgary, Alberta, Canada.) <http://www.coachorg.com/Default.asp?id=471&>

March 3, 2004. **Privacy & Security of Health Information**. (Winnipeg, Manitoba, Canada.) <http://www.coachorg.com/Default.asp?id=471&>

March 4, 2004. **Health Information Management**. (Winnipeg, Manitoba, Canada.) <http://www.coachorg.com/Default.asp?id=471&>

### April 2004

April 21, 2004. **IT in Healthcare Seminar Series : "Telemedicine demands in the Eastern Ontario Region"**. (Ottawa, Ontario, Canada.) <http://www.ocri.ca/events/IThealth.html>

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## Electronic Documents

New publications including government white papers and reports, industry publications, and periodical articles, which are available for free on the Internet, and which are published by authoritative sources. Access more than 2600 publications via the searchable [eHealth Online Literature Catalogue](#).

### Assessing Technology Needs for the Elderly : Finding the Perfect Match for Home

Kobb, Rita et al. Home Healthcare Nurse, v21 n10, October 2003, p666-673. [http://www.nursingcenter.com/library/JournalArticle.asp?Article\\_ID=425474](http://www.nursingcenter.com/library/JournalArticle.asp?Article_ID=425474)

### The Cardiac Connection Program: Home Care That Doesn't Miss a Beat

Chetney, Rhonda. Home Healthcare Nurse, v21 n10, October 2003, p680-686. [http://www.nursingcenter.com/library/JournalArticle.asp?Article\\_ID=425480](http://www.nursingcenter.com/library/JournalArticle.asp?Article_ID=425480)

## **The Case for eHealth**

Silber, Denise. The Netherlands : European Institute of Public Administration (EIPA), 2003.  
[http://europa.eu.int/information\\_society/eeurope/ehealth/conference/2003/doc/the\\_case\\_for\\_eHealth.pdf](http://europa.eu.int/information_society/eeurope/ehealth/conference/2003/doc/the_case_for_eHealth.pdf)

## **The Continuity of Care Record**

Tessier, Claudia and Waegemann, C. Peter. Healthcare Informatics, October 2003.  
[http://www.healthcare-informatics.com/issues/2003/10\\_03/partnerships.htm#continuity](http://www.healthcare-informatics.com/issues/2003/10_03/partnerships.htm#continuity)

## **Decision Support Systems can help Hospitals Reduce Costs and Improve Patient Care**

Shaw, Andy. Canadian Healthcare Technology, November-December 2003.  
<http://www.canhealth.com/current%20issue.html#anchor29962>

## **Design and Implementation of a Comprehensive Outpatient Results Manager**

Poon, Eric G. et al. Journal of Biomedical Informatics, v36 n1-2, February-April 2003, p80-91.  
<http://www.sciencedirect.com/science/journal/15320464...>

## **EHR vs CCR**

Waegemann, C. Peter. United States : Medical Records Institute, 2003.  
<http://www.medrecinst.com/resources/ccr/index.asp>

## **Electronic Prescribing : Ready for Prime Time?**

Levens Lipton, Helene et al. Journal of Healthcare Information Management, v 17 n4, Fall 2003, p72-79.  
<http://www.himss.org/content/files/jhim/17-4/lipton.pdf>

## **The Final Security Rule**

Adler, M. Peter. Healthcare Informatics, October 2003.  
[http://www.healthcare-informatics.com/issues/2003/10\\_03/hipaa.htm](http://www.healthcare-informatics.com/issues/2003/10_03/hipaa.htm)

## **In Paper War, is OCR a Good Soldier?**

Gillespie, Greg. Health Data Management, October 2003.  
<http://www.healthdatamanagement.com/html/current/PastIssueStory.cfm?PostID=16198&PastMonth=October&PastYear=2003>

## **In Search of the ROI from CPOE**

Krohn, Rick. Journal of Healthcare Information Management, v 17 n4, Fall 2003, p 6-9.  
<http://www.himss.org/content/files/jhim/17-4/krohn.pdf>

## **Institutional Decision-Making to Select Patient Care Devices : Identifying Venues to Promote Patient Safety**

Keselman, Alla et al. Journal of Biomedical Informatics, v36 n1-2, February-April 2003, p31-44.

[http://www.sciencedirect.com/science/journal/15320464 . . .](http://www.sciencedirect.com/science/journal/15320464)

## **Integrating Service Development with Evaluation in Telehealthcare : An Ethnographic Study**

Finch, Tracy et al. British Medical Journal, v327 n7425, November 22, 2003, p1205-1209.

<http://bmj.bmjournals.com/cgi/content/full/327/7425/1205>

## **IT Buying Guide**

McGill, Michael J. and Glickman, Michael. Healthcare Informatics, November 2003.

[http://www.healthcare-informatics.com/issues/2003/11\\_03/mcgill.htm](http://www.healthcare-informatics.com/issues/2003/11_03/mcgill.htm)

## **Mobile Tech gets Security Check**

Schuerenberg, Beckie Kelly. Health Data Management, November 2003.

<http://www.healthdatamanagement.com/html/current/PastIssueStory.cfm?PostID=16411&PastMonth=November&PastYear=2003>

## **New Wave of Online Educational Ventures Provides Anywhere, Anytime Access**

Shaw, Andy. Canadian Healthcare Technology, October 2003.

<http://www.canhealth.com/oct03.html#anchor191246>

## **A Prescription for Information**

Schuerenberg, Beckie Kelly. Health Data Management, November 2003.

<http://www.healthdatamanagement.com/html/current/PastIssueStory.cfm?PostID=16419&PastMonth=November&PastYear=2003>

## **The Strategic View of Wireless Infrastructure**

Smaling, John. Health Management Technology, November 2003.

<http://www.healthmgttech.com/archives/h1103wireless.htm>

## **XML Comes of Age for Data Exchange**

Goedert, Joseph. Health Data Management, October 2003.

<http://www.healthdatamanagement.com/html/current/PastIssueStory.cfm?PostID=16205&PastMonth=October&PastYear=2003>

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## Funding Opportunities

Current funding opportunities for health research on the use of information and communications technologies in health, which are open to Canadian researchers. Access all of the [Funding Opportunities](#) listed on our site.

### BC Advanced Systems Institute (ASI)

Product Development Fund

<http://www.asi.bc.ca/productdevel.html>

### Health Quality Council

Innovation Fund

[http://www.hqc.sk.ca/common/pdfs/innovation\\_fund\\_pamphlet.pdf](http://www.hqc.sk.ca/common/pdfs/innovation_fund_pamphlet.pdf)

### Michael Smith Foundation for Health Research

Research Infrastructure Support Program, Network Infrastructure

<http://www.msfhr.org/sub-funding-network.htm>

### Newfoundland and Labrador Centre for Applied Health Research

Development Grants

[http://www.nlcahr.mun.ca/pages/funding\\_development\\_grants.html](http://www.nlcahr.mun.ca/pages/funding_development_grants.html)

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## Initiatives

Selected initiatives that profile Canadian telehealth, electronic health record, education, privacy and health information infrastructure projects and programs. Access the full descriptions of more than 250 initiatives via the [Canadian eHealth Initiatives Database](#).

You may be interested in a type of technology and would like to know which other institutions have implemented this technology and what their experience has been.

You can search the database for types of technology and since each record in the database includes contact information, you can then get in touch with other institutions that are using a type of technology that you are interested in. There are over 60 different types of technology included in the database.

The best way to search by type of technology is to go into the Expert Search mode. When searching in this mode, the search will be more precise if you specify the field. To specify a field, you enter a search statement as "fieldname=search term(s)". To search for technologies used the fieldname is "tech".

To illustrate searching for type of technology, we're showing an example in which we search for initiatives that use technology such as security applications (eg. PKI, encryption, digital signature, access control, etc).

If you haven't already done so, enter the [Canadian eHealth Initiatives Database](#). Then, click on the EXPERT SEARCH button located at the top of the screen. Then, enter the following search statement : **tech=security**

Then, select the SEARCH button to perform the search.

If you wanted to limit the search to initiatives in the electronic health record category, you could do so by entering the following search statement : **tech=security and cat=electronic**

For more information on expert searching, click on the HELP button.

If you have a search that you'd like us to feature or that you think would be useful for others, please send it in to us at [ohih-bsi@hc-sc.gc.ca](mailto:ohih-bsi@hc-sc.gc.ca)

## **Electronic Health Record Initiatives Using Security Application Technology**

**Capital Health Electronic Health Record Project.** Lead Organization : Capital Health (Edmonton)

<http://www.capitalhealth.ca/Health+Services/Information+for+Health+Professionals/Electronic+Health+Record/default.htm>

**Nova Scotia Hospital Information System (NSHIS).** Lead Organization : Nova Scotia. Department of Health

<http://www.gov.ns.ca/health/nshis/default.htm>

**Policy and Peer Permission (PPP): A System Development Project.**

<http://www.fp.ucalgary.ca/telehealth/PC-0006.pdf>

**Provider Registry - Solutions Enhancement Project.** Lead Organization : British Columbia. Ministry of Health Services

<http://www.infoway-inforoute.ca/preview/news-events/index.php?loc=20021219&lang=en>

**Saskatchewan Health Information Network (SHIN).** Lead Organization : Saskatchewan Health Information Network (SHIN)  
<http://www.shin.sk.ca/projects/projects.html>

**UPI/Client Registry Project.** Lead Organization : Newfoundland and Labrador Centre for Health Information  
<http://www.nlchi.nf.ca/upistat.asp>

**Virtual Clinic: UHN iChart.** Lead Organization : Centre for Global eHealth Innovation  
[http://www.uhnres.utoronto.ca/ehealth/html/what/eh\\_what\\_projects\\_ichart.shtml](http://www.uhnres.utoronto.ca/ehealth/html/what/eh_what_projects_ichart.shtml)

**Western Health Information Collaborative (WHIC) Provider Registry Project.** Lead Organization : British Columbia. Ministry of Health Services  
<http://www.whic.org/public/profiles/pRegistry.html>

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## Periodicals

The latest issues of electronic journals which are available for free on the Internet, and which are published by authoritative sources. Access the full list of [Electronic Periodicals](#).

**Advance for Imaging and Oncology Administrators Online.** Latest Issue : v3 n24, 2003.  
<http://www.advanceforioa.com/Main.aspx>

**ATSP Online.** Latest Issue : November 18, 2003.  
<http://www.atsp.org>

**BMC Medical Informatics and Decision Making.** Latest Issue : v3 n13, November 27, 2003.  
<http://www.biomedcentral.com/1472-6947>

**BMJ Medical Informatics : Information in Practice.** Latest Issue : November 22, 2003.  
[http://bmj.com/cgi/collection/information\\_in\\_practice](http://bmj.com/cgi/collection/information_in_practice)

**BMJ Medical Informatics : Other Medical Informatics.** Latest Issue : November 22, 2003.  
[http://bmj.bmjournals.com/cgi/collection/other\\_medical\\_informatics:other](http://bmj.bmjournals.com/cgi/collection/other_medical_informatics:other)



**BMJ Medical Informatics : World Wide Web.** Latest Issue : December 6, 2003.

<http://bmj.com/cgi/collection/WWW>

**Canadian Healthcare Technology.** Latest Issue : November/December 2003.

<http://www.canhealth.com/current%20issue.html>

**Canadian Medical Association Journal (eCMAJ).** Latest Issue : v169 n12, December 9, 2003.

<http://www.cmaj.ca/current.shtml>

**The CHRA Source.** Latest Issue : v4 n3, Summer 2003.

[http://www.chra.ca/download\\_doc/Summer2003Issue.pdf](http://www.chra.ca/download_doc/Summer2003Issue.pdf)

**CIN : Computers, Informatics, Nursing.** Latest Issue : v21 n5, September/October 2003.

[http://www.nursingcenter.com/library/journalissue.asp?Journal\\_ID=54020&Issue\\_ID=423787](http://www.nursingcenter.com/library/journalissue.asp?Journal_ID=54020&Issue_ID=423787)

**Connection.** Latest Issue : n14, Fall 2003.

[http://www.ccohta.ca/publications/pdf/connection14\\_e.pdf](http://www.ccohta.ca/publications/pdf/connection14_e.pdf)

**Federal Telemedicine Update.** Latest Issue : November 24, 2003.

<http://www.federaltelemedicine.com/n112403.htm>

**The Feed-back.com Ezine.** Latest Issue : v6 n3, October 2003.

<http://www.feed-back.com/ezine.htm>

**Health Affairs.** Latest Issue : v22 n6, November-December 2003.

<http://www.healthaffairs.org/>

**Health Data Management.** Latest Issue : December 2003.

<http://www.healthdatamanagement.com/html/current/index.cfm>

**Health ICT Headlines.** Latest Issue : December 4, 2003.

[http://www.chik.com.au/newsletter/view\\_news.php?id=303](http://www.chik.com.au/newsletter/view_news.php?id=303)

**Health ICT News.** Latest Issue : October 9, 2003.

[http://www.chik.com.au/newsletter/view\\_news.php?id=282](http://www.chik.com.au/newsletter/view_news.php?id=282)

**Health Informatics Europe.** Latest Issue : November 5, 2003.

<http://www.hi-europe.info/new.htm>

**Health Informatics Zone.** Latest Issue : December 5, 2003.

[http://www.nhsia.nhs.uk/def/home\\_info.asp](http://www.nhsia.nhs.uk/def/home_info.asp)

**Health Management Technology.** Latest Issue : December 2003.

<http://www.healthmgtech.com/>

**HL7 Canada Bulletin.** Latest Issue : n36, November 2003.

[http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=news\\_hl7\\_current\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=news_hl7_current_e)

**i-Health Media Watch.** Latest Issue : December 3, 2003.

<http://www.hinz.org.nz/ihealth/Media-Watch.htm>

**The Informatics Review.** Latest Issue : v6 n23, December 1, 2003.

<http://www.informatics-review.com/>

**Journal of AHIMA Public Article Archive.** Latest Issue : November 2, 2003.

[http://library.ahima.org/xpedio/groups/public/documents/web\\_assets/bok1\\_016845.hcst](http://library.ahima.org/xpedio/groups/public/documents/web_assets/bok1_016845.hcst)

**Journal of the American Medical Association (JAMA).** Latest Issue : v290 n21, December 3, 2003.

<http://jama.ama-assn.org/current.dtl>

**Military Medical Technology.** Latest Issue : v7 n8, November 25, 2003.

<http://www.mmt-kmi.com/index.cfm>

**Partnership for Health information Standards.** Latest Issue : n18, Fall 2003.

[http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=news\\_partnership\\_current\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=news_partnership_current_e)

**SCAR News.** Latest Issue : v15 n4, Fall 2003.

<http://www.scarnet.org/pdf/Fall03SCARNews.pdf>

**Telemedicine Information Exchange News (What's New).** Latest Issue : November 21, 2003.

<http://tie.telemed.org/news/>

**Virtual Medical Worlds Monthly.** Latest Issue : n12, December 2003.

<http://www.hoise.com/vmw/03/articles/contentsvmw200312.html>

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## Success Stories

### Bridging the Gap: IIU Network (NU)

When you're young, fitting in is everything. No one wants to stand out from the crowd, least of all because of unusual appearance.

Imagine then, the plight of a young girl living in the remote hamlet of Cape Dorset, on Baffin Island, rendered bald by alopecia. Social workers weren't surprised she was 'acting out'. Funds were available to pay for a wig, but not to fly the girl and an escort to a southern wigmaker for consultation and fittings.

Fortunately, a new telehealth project that reaches more than half of Nunavut's population has made these kinds of services much more accessible in the remote regions of Canada's North. Using Anik-F1 satellite technology, the girl was able to discuss her needs with a wigmaker in Ottawa. When the finished product arrived in Cape Dorset, it was a perfect fit.

The case illustrates the flexibility the Ikajuruti Inungnik Ungasiktumi (IIU) Network will bring to the 15 sites it will reach by April 2003.

"This is a Nunavut-driven project," says spokesperson Tina McKinnon. "Each community has its own unique needs. We learned a lot of lessons during the planning process and applied them to the strategy for IIU."

The range of services offered includes telepsychiatry, teleradiology, dermatology, cardiology and prenatal counseling. The profile of each community will help determine where the emphasis is placed.

Three telehealth coordinators work with the communities to develop procedures and train local health personnel to use the equipment.

"What IIU gives these local health workers is another tool," says McKinnon. "Access to care is an issue for Nunavummiut and for many Canadians living in remote and rural areas. Our goal is to augment the resources these people already have and bridge the gap between health care in the North and South."

One other benefit of IIU, she adds, is the feeling of collegiality it brings to Arctic health care providers.

"It fosters interaction by putting them online with a doctor at the Children's Hospital of Eastern Ontario or elsewhere. Now, a caregiver in the one of our remote communities can discuss modes of treatment with a practitioner just as though they were in the same room." After the 15 sites are up and running, the program will be evaluated in preparation for the possible expansion of the network to the balance of the communities in other parts of Nunavut.

Read more eHealth [Success Stories](#) from across Canada.

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## About

*eHealth InfoSource cybersanté* (ISSN 1705-9712) is published monthly with 10 issues per year by the Office of Health and the Information Highway (OHIH), Health Canada. Combined issues appear in January/February and in July/August.

URL of publication: [http://www.hc-sc.gc.ca/ohih-bsi/pubs/bulletin/infosource\\_e.html](http://www.hc-sc.gc.ca/ohih-bsi/pubs/bulletin/infosource_e.html)

All of the resources described in this publication were accessible on December 15, 2003.

Please send any comments to us via e-mail at [ohih-bsi@hc-sc.gc.ca](mailto:ohih-bsi@hc-sc.gc.ca)

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**"OHIH's mandate is to serve as Health Canada's focal point for ehealth, multi-channel government service delivery, and privacy."**

Access all of the eHealth resources on our Web site at [http://www.hc-sc.gc.ca/ohih-bsi/res/index\\_e.html](http://www.hc-sc.gc.ca/ohih-bsi/res/index_e.html)

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