The promise of eHealth

Alejandro Jadad
MD DPhil FRCPC FCAHS
We are in the Top 10!

<table>
<thead>
<tr>
<th></th>
<th>Country or Region</th>
<th>Penetration (% Population)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Greenland</td>
<td>92.3 %</td>
</tr>
<tr>
<td>2</td>
<td>Netherlands</td>
<td>90.1 %</td>
</tr>
<tr>
<td>3</td>
<td>Norway</td>
<td>87.7 %</td>
</tr>
<tr>
<td>4</td>
<td>Antigua &amp; Barbuda</td>
<td>85.9 %</td>
</tr>
<tr>
<td>5</td>
<td>Iceland</td>
<td>84.8 %</td>
</tr>
<tr>
<td>6</td>
<td>Canada</td>
<td><strong>84.3 %</strong></td>
</tr>
<tr>
<td>7</td>
<td>New Zealand</td>
<td>80.5 %</td>
</tr>
<tr>
<td>8</td>
<td>Australia</td>
<td>79.4 %</td>
</tr>
<tr>
<td>9</td>
<td>Sweden</td>
<td>77.4 %</td>
</tr>
<tr>
<td>10</td>
<td>Falkland Islands</td>
<td>76.5 %</td>
</tr>
</tbody>
</table>
**MOBILITY**

### Nomads at last

Apr 10th 2008

---

#### The instrument of choice

<table>
<thead>
<tr>
<th>Mobile-phone and internet users, worldwide bn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet users*</td>
</tr>
<tr>
<td>1996</td>
</tr>
<tr>
<td>1998</td>
</tr>
<tr>
<td>2000</td>
</tr>
<tr>
<td>2002</td>
</tr>
<tr>
<td>2004</td>
</tr>
<tr>
<td>2006</td>
</tr>
<tr>
<td>2007</td>
</tr>
</tbody>
</table>

*Computer-based dial-up and broadband

Source: International Telecommunication Union

---

#### Anywhere, any time

Use of mobile phone or PDA to do the following by age group, %, 2007

<table>
<thead>
<tr>
<th></th>
<th>18-29</th>
<th>30-49</th>
<th>50-64</th>
<th>65+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send or receive text messages</td>
<td>85</td>
<td>65</td>
<td>38</td>
<td>11</td>
</tr>
<tr>
<td>Take a picture</td>
<td>82</td>
<td>64</td>
<td>42</td>
<td>22</td>
</tr>
<tr>
<td>Play a game</td>
<td>47</td>
<td>29</td>
<td>13</td>
<td>6</td>
</tr>
<tr>
<td>Play music</td>
<td>38</td>
<td>16</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Record a video</td>
<td>34</td>
<td>19</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Access the internet</td>
<td>31</td>
<td>22</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Send or receive e-mail</td>
<td>28</td>
<td>21</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>Send or receive instant messages</td>
<td>26</td>
<td>18</td>
<td>11</td>
<td>7</td>
</tr>
<tr>
<td>Watch a video</td>
<td>19</td>
<td>11</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>At least one of these activities</td>
<td>96</td>
<td>85</td>
<td>63</td>
<td>36</td>
</tr>
</tbody>
</table>

Source: Pew Research Centre
In Japan Half The Top Selling Books Are Written On Mobile Phones

Duncan Riley

With all the talk about Amazon’s Kindle, there’s a bigger revolution taking place and those who studied classic literature will be horrified. In Japan, half of the top ten selling works of fiction in the first six months of 2007 were composed on mobile phones.

According to the Sydney Morning Herald, mobile phone novels (keitai shousetsu) have become a publishing phenomenon in Japan, “turning middle-of-the-road publishing houses into major concerns and making their authors a small fortune in the process.”
Digital natives...continuously connected!
The Age of Free?

WIRED MAGAZINE: 16.03

Free! Why $0.00 Is the Future of Business
By Chris Anderson 02.25.08 | 12:00 AM
Want a free laptop with that mobile deal?

By Kevin J. O'Brien
Wednesday, July 30, 2008

BERLIN: A new marketing initiative in Britain for Orange, a wireless operator owned by France Telecom, captures the subtle but significant shift taking place in the European mobile industry.

Like most other operators in Europe, Orange dangles a piece of free hardware in exchange for a two-year service contract. But this time, to win customers, Orange is including a laptop computer, not a mobile phone.

The "Connected Laptop" offer includes a free laptop from Asus or Hewlett Packard, a USB modem and up to five gigabytes of downloads for £25 to £45 pounds, or $49 to $88, per month. As mobile operators start giving away devices other than cellphones, experts say, the industry is entering a new phase.
Pooling unused computer power... free!
Free Web searching

250 million hits in less than a second!
Cancer

From Wikipedia, the free encyclopedia

For other uses, see Cancer (disambiguation).

Cancer (medical term: malignant neoplasm) is a class of diseases in which a group of cells display uncontrolled growth (division beyond the normal limits), invasion (intrusion on and destruction of adjacent tissues), and sometimes metastasis (spread to other locations in the body via lymph or blood). These three malignant properties of cancers differentiate them from benign tumors, which are self-limited, do not invade or metastasize. Most cancers form a tumor but some, like leukemia, do not. The branch of medicine concerned with the study, diagnosis, treatment, and prevention of cancer is oncology.
Free matching for clinical trials...

TrialX.org Personalized Clinical Trials Matching Service and Platform

Enter your conditions:

Find Matching Trials

Microsoft HealthVault is the way to collect, store and share information online. Learn More
TrialX.org is going to copy data from your HealthVault account and needs you to sign in

What is this service?
TrialX.org matches patients to relevant clinical trials based on their personal health information. See How does this work?

How can I use this service?
- Within few clicks you will find the most relevant trials that match you from a database of 25,000+ trials approved by the US FDA. (See benefits of enrolling in clinical trials)
- This service is available 24X7, reliable, includes thousands of trials and comes at NO cost to you
- Your health information will be kept fully confidential and secure (See privacy policy)

Who are we?
We are a team of passionate physicians, biomedical information scientists, and computer programmers who are committed to improving consumer healthcare and supporting biomedical research to keep us and our future generations safe and healthy. We are working hard to make this an useful service. We hope you like it!

Take a quick tour!
New features releasing soon! Subscribe to TrialX updates.

National Breast Cancer Awareness Month. See how can you help.
Free fundraising and awareness campaigns

- **Group:** Join to support Breast Cancer Awareness Month.
  - **Size:** 745,709 members
  - **Type:** Organizations – Non-Profit Organizations
  - **New:** 30 More Members, 4 Board Topics, 11 Wall Posts

- **Group:** For every 1,000 people who join, I will donate $10 to fight breast cancer.
  - **Size:** 50,604 members
  - **Type:** Organizations – Philanthropic Organizations

- **Group:** Save The Boobies – Help CJ Raise 2,000
  - **For Breast Cancer**
  - **Network:** Toronto, ON
  - **Size:** 53 members
  - **Type:** Organizations – Volunteer Organizations
Free sharing of slides and lectures

www.slideshare.net
Free communication platform

Governance Structure for the Canadian Chronic Care Network (CCCN)

The Executive Committee of the Canadian Chronic Care Network is to:

- Finalize the Network's governance, infrastructure and value proposition
- Secure funding for Network meeting in 2008
- Explore a variety of sources for resources to support coordination and sustainability of Network
- Consider pros and cons of "formalizing" the network
- At least one member of each Action Group will sit on the Executive Committee
- Action Groups will report to the Executive Committee
- The Executive Committee is responsible for stimulating and supporting the work of the Action Groups
- The Executive Committee will meet twice a year
- The Executive Committee will have two co-chairs

Canadian Chronic Care Network (CCCN) Executive Committee

- Co-Chairs:
  - Dr. Peter Sargious, Medical Director, Chronic Disease Management, Calgary Health Region
  - Lynn Edwards, Health Services Director, Primary Health Care, Capitial District Health Authority, Nova Scotia

- Members:
  - Jennifer Painter, Development Manager, Calgary Health Region
  - Amédé Gogovor, Research and Project Coordinator, Groupe de Recherche en Gestion Thérapeutique, Université de Montréal
  - Scott Robertson, Health Planner, Clinical Program Standards, Department of Health and Social Services, NWT, Yellowknife
  - Laurie Gould, Executive Director, Primary and Chronic Care, Fraser Health Authority, Vancouver
  - Bev Greene, Primary Health Care Consultant, Department of Health, Fredericton
Free creation of researcher networks

Create Your Own Social Network for Anything

Name Your Social Network

For example, Paris Cyclists

Pick a Web Address

For example, pariscyclists.ning.com

Ning Spotlight

Here are a few of the hundreds of thousands of social networks on Ning today...

iAmTri

The official social network for IRONMAN and all things triathlon. Created by Travis

Kid Rock Community

The OFFICIAL Kid Rock Community. Created by developer
My latest book (>500 downloads in 24 hours!)

Unlearning: Incomplete musings on the game of life and the illusions that keep us playing
by Alejandro R. Jadad

Download free Download Now
Paperback book $15.95 Add to Cart

Download: 1 documents, 941 KB
Printed: 177 pages, 6" x 9", perfect binding, black and white interior ink

Description:
This book will take you on a guided tour through the evolution of the human mind, culminating with the greatest challenges we face at the dawn of the 21st century. Along the way, you will recognize how our lives have become a highly interactive virtual game, driven by powerful illusions that force us to keep playing.

Keywords:
Self-Help Philosophy Games Well-being wellbeing happiness illusions immortality mortality spirituality

Listed in:
Self Improvement
Free hybrid immersive settings?

MPK20: Sun's Virtual Workplace
Patients are taking charge...
Patients and families are taking control!

Built by survivors, family, friends, and YOU! Share your story and what you know... just click EasyEdit

Welcome! Wikis are websites that everyone can build together. It's easy!

EasyEdit  Email page  (what's this?)

Cancer: Stories, Support and Information

wikiCancer is your cancer connection

If you have a connection to cancer, welcome to the place where you can share your real-life experiences – fears, insights, stories and advice. Adding your perspective is easy and every contribution builds the site into a more valuable and unique community resource.

Support groups are an integral part of many cancer patients, survivors, and caregivers lives. Sign up for an account and share your feedback on support groups!

Just been diagnosed with cancer?
It's hard to think straight when you first hear "you have cancer." Look here for guidance.

Where to start | Planning your treatment | Building a support network | Feedback on support groups

Living with cancer
Dealing with cancer often takes years of treatment and an unbelievable amount of hard work.

Adapting to life with cancer | Managing your treatment | Share your story | Patient’s Guide to Local Resources | Feedback on support groups
Peer-to-peer support
The point of care, anywhere?

A mall? Home?

Serious

Trivial

Work list
The mobile Internet is here!
Why do we resist so much?

- Control loss?
- Reduction in quality of life?
- Accountable to Big Brother?
- Punishment?
Global cancer collaboration: how close?

- 289 organizations listed as UICC members in July 2007
- 225 (80%) had web sites
- 75 (27%) provided a link to UICC
- 4% used wikis
- 3% included blogs
- 2% supported chats
- There is very little evidence of collaboration among organizations
Many challenges to overcome...

<table>
<thead>
<tr>
<th>Culture of competition and individualism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obsessive pursuit of leadership</td>
</tr>
<tr>
<td>Territoriality and parochialism</td>
</tr>
<tr>
<td>Poor levels of accountability</td>
</tr>
<tr>
<td>Passive-aggressive behaviour</td>
</tr>
<tr>
<td>Rigid structures and policies</td>
</tr>
<tr>
<td>Poor support for collaboration across boundaries</td>
</tr>
<tr>
<td>Fear of the unknown</td>
</tr>
</tbody>
</table>
We must meet their expectations!