Health Web Services
HINF1100
Fall 2008

Why the Web?
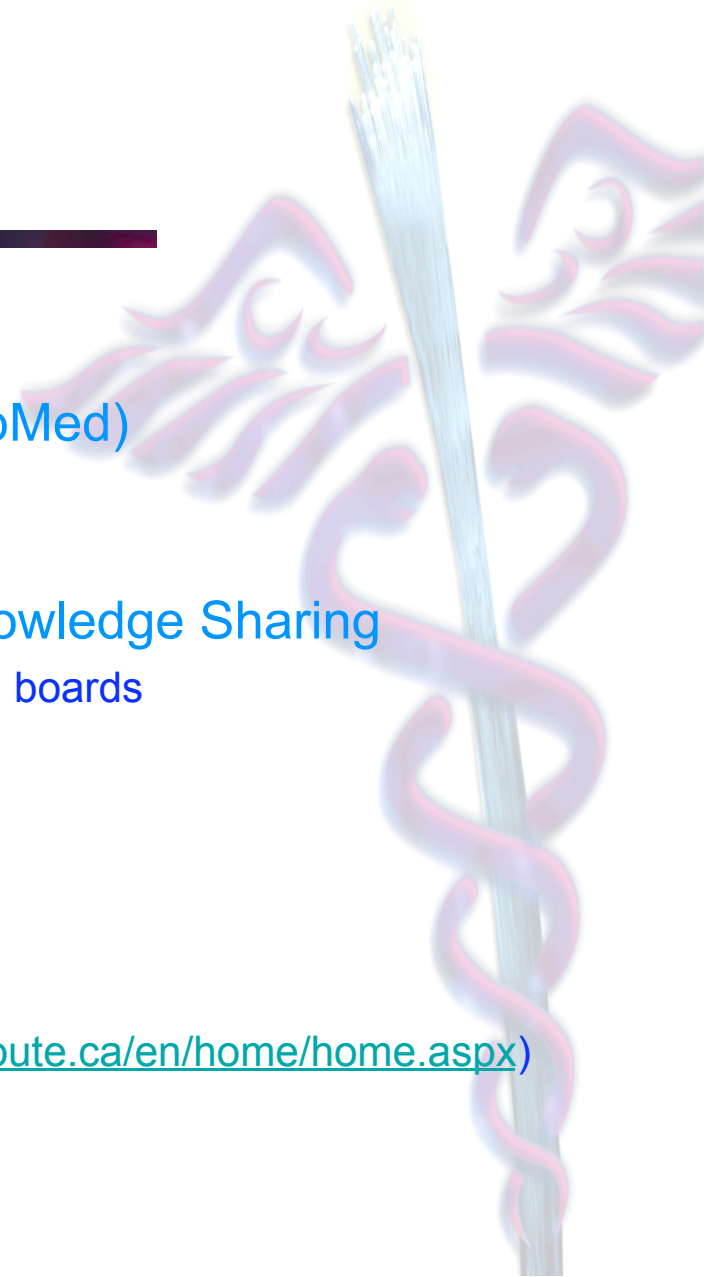
❖ **WWW offers a viable medium to provide 'some' healthcare services**

  ❖ Ubiquitous—available everywhere and anytime
    ❖ Speed of appearance, Timeliness

  ❖ Ease of access

  ❖ 'Secure' communication protocols

  ❖ Interactive

  ❖ Ease of use

  ❖ Types of Information
    ❖ Multimedia
    ❖ Images
    ❖ Audio

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Web Health Services

- **For Professionals**
  - Access to best evidence and literature (PubMed)
    - Speed and cost of publication
    - Distribution and access
  - Collaboration with other professionals—Knowledge Sharing
    - Discussion forums, list serv, Newsgroups, Bulletin boards
  - Education (Continuing Medical Education)
  - Online clinical decision support systems
  - Public health
  - Electronic Medical Record
    - Canada Health Infoway (http://www.infoway-inforoute.ca/en/home/home.aspx)
  - Notification (Public health and govt)

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Web Health Services

- **For Patients**
  - Patient education
    - WebMD
  - Remote consultations
    - PHR based tools
    - Scheduling and Appointments
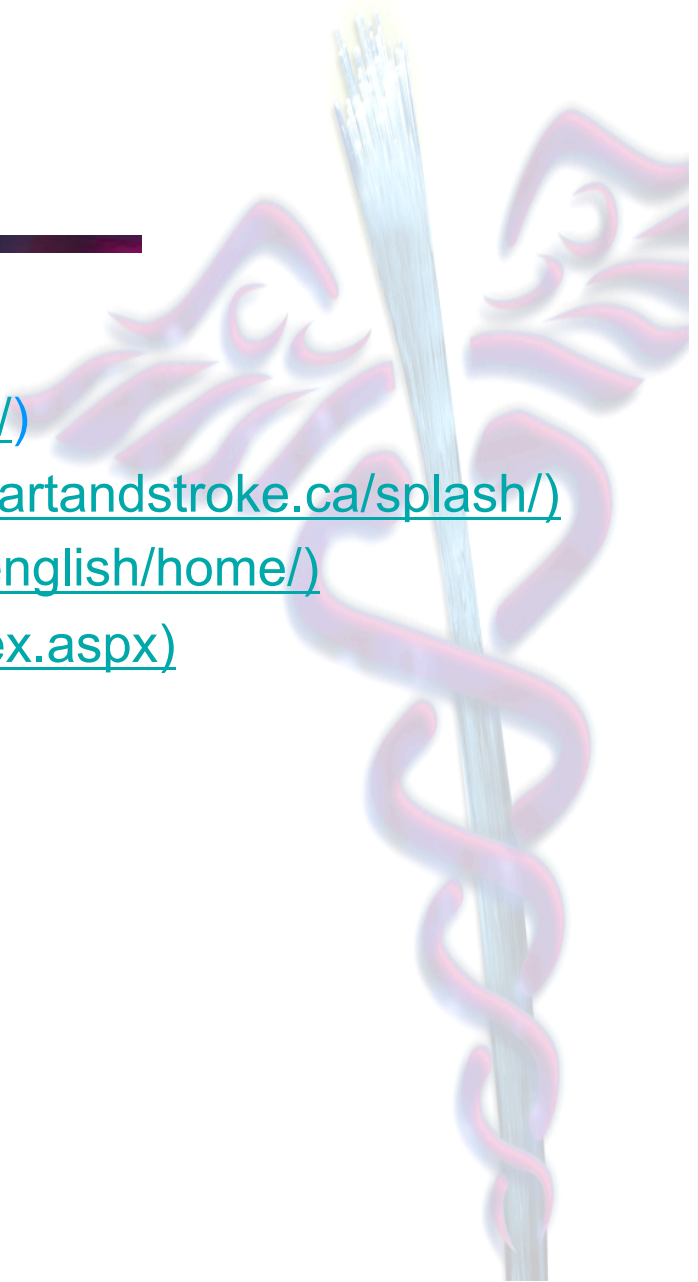 - Support Groups
    - Discussion forums, Newsgroups, Bulletin boards

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Health Services

❖ **Web Portals**

    ❖ Pubmed (http://www.pubmedcentral.nih.gov/)

    ❖ Heart and Stroke Foundation (http://ww2.heartandstroke.ca/splash/)

    ❖ Cancer care (http://www.cancercare.on.ca/english/home/)

    ❖ Clin-Eguide (http://www.clineguide.com/index.aspx)

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Design Issues

❖ **Information/knowledge Content**

    ❖ What information is to be provided and how

❖ **User Interactions**

    ❖ User-interface (look and feel)

    ❖ User feedback

    ❖ Time and speed considerations

❖ **Privacy and Security of information**

THE END

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