Selected Resources for Pollution Prevention in the Health Care Industry

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# Table of Contents

- Introduction ......................................................................................................................... 3
- Background and Overview ................................................................................................. 3
- Organizations/Initiatives ..................................................................................................... 6
- Facilities Management ......................................................................................................... 7
- Green Building .................................................................................................................... 9
- Green Pharmacy ................................................................................................................ 10
- Green Purchasing .............................................................................................................. 12
- Hazardous Materials & Regulated Medical Waste Management ..................................... 13
- Recycling & Waste Disposal ............................................................................................ 15
- Case Studies ...................................................................................................................... 17
**Introduction**


**Background and Overview**

**Books & Articles**

American Hospital Association and the U.S. Environmental Protection Agency. *Memorandum of Understanding between the American Hospital Association & the U.S. Environmental Protection Agency*. Washington, DC: Health Care Without Harm, 2001?


**Web Sites**

Basic Information about Pollution Prevention (P2)
http://www.epa.gov/p2/pubs/basic.htm
Excellent general discussion of pollution prevention principles.

Best References: Hospital and Medical

GLRPPR Sector Resources > Hospitals and Health Services
http://www.glrppr.org/contacts/gltopichub.cfm?sectorid=29

Health Care EnviroNet
Canadian effort to promote pollution prevention and sustainability in the health care sector.

Healthcare: Pollution Prevention & Best Management Practices
http://www.epa.gov/ne/healthcare/bmp.html
Excellent portal to environmental best management practices for all aspects of pollution prevention in the health care industry.

Hospital Pollution Prevention
http://www.epa.gov/region09/waste/p2/projects/hospart.html
Resources from U.S. EPA Region 9.

Hospitals for a Healthy Environment Online Library
http://www.h2e-online.org/search.cfm

P2Rx Topic Hubs and Sector Resources > Medical Care
http://www.p2rx.org/P2InfoNexpert/sectorInfo.cfm?SectorID=5

Partnership for Sustainable Healthcare
http://www.epa.gov/p2/pubs/psh.htm
History of EPA’s involvement with pollution prevention in health care and the establishment of Hospitals for a Healthy Environment.

Pollution Prevention Topic Hub
http://www.glrppr.org/hubs/toc.cfm?hub=26&subsec=7&nav=7&CFID=323722&CFTOKEN=24771982

U.S. EPA Persistent Bioaccumulative and Toxic (PBT) Chemical Program > Hospital Resources
http://www.epa.gov/pbt/pubs/hospitals.htm
Organizations/Initiatives

American Nurses Association Environmental Health/RnnoHarm
http://nursingworld.org/MainMenuCategories/OccupationalandEnvironmental/environmentalhealth.aspx

Great Lakes Regional Pollution Prevention Roundtable (GLRPPR)
http://www.glrppr.org
Professional organization dedicated to promoting information exchange and networking to P2 professionals in the Great Lakes regions of the United States and Canada.

Health Care Without Harm
http://www.noharm.org/us
Global organization that advocates for more environmentally friendly health care solutions.

Healthcare Environmental Resource Center
http://www.hercenter.org/index.cfm

Hospitals for a Healthy Environment
http://www.h2e-online.org
Evolved from U.S. EPA’s pollution prevention in health care initiative into its own nonprofit organization that partners with hospitals and healthcare organizations.

Nightingale Institute for Health & the Environment
http://www.nihe.org/
Although the organization ceased operations in 2006, its web site still has some good resources. Focuses on nurses and the environment.

Physicians for Social Responsibility
http://www.psr.org/
One of their primary focuses is the environment and health.

Women's Health & Environmental Network (WHEN)
http://www.when.org/
Mission is to champion the health of women and their families by reducing environmental exposures through education, research and direct action. Their web site includes a section on healthy hospitals.
Facilities Management

Books & Articles


**Web Sites**

Centre for Analysis and Dissemination of Demonstrated Energy Technologies (CADDET)  
CADDET’s objective was to enhance the exchange of information on new, cost-effective renewable energy and energy efficiency technologies. CADDET ceased collecting new information at the end of March 2005. Search using “Hospitals” to locate relevant case studies.

ENERGY STAR for Healthcare  
Energy efficiency resources targeted at healthcare facilities.

Energy Solutions for Your Building: Health Care Buildings  
Resources from DOE’s Building Technologies Program.

Hospitals for a Healthy Environment > Facilities Management  
[http://cms.h2e-online.org/ee/facilities/](http://cms.h2e-online.org/ee/facilities/)  

P2 for Hospital Sterilizers Topic Hub  
Green Building

Books & Articles


Web Sites


Green Pharmacy

Articles


**Web Sites**

GLRPPR Sector Resources > Pharmaceuticals & Personal Care Product (PPCP) Wastes & Impacts  

Managing Pharmaceutical Waste: A 10-Step Blueprint for Health Care Facilities  
In the United States (Draft)  
[http://www.hercenter.org/hazmat/pharmblueprint.cfm](http://www.hercenter.org/hazmat/pharmblueprint.cfm)

Pharmaceutical Waste in Health Care Facilities  
[http://www.hercenter.org/hazmat/pharma.cfm](http://www.hercenter.org/hazmat/pharma.cfm)

Teleosis Institute  
[http://www.teleosis.org](http://www.teleosis.org)  
Devoted to developing effective, sustainable health care provided by professionals who serve as environmental stewards. Focus on green pharmacy.
Green Purchasing

Articles


Web Sites

Health Care Environmental Purchasing Tool (HCEPT) http://www.ahrmm.org/ahrmm/resources_and_tools/purchasing_tool/index.html

Hospitals for a Healthy Environment > Green Purchasing (EPP) http://cms.h2e-online.org/ee/waste-reduction/epp/

Sustainable Hospitals Project http://www.sustainablehospitals.org
Excellent resource for environmentally friendly alternatives to common health care products.
Hazardous Materials & Regulated Medical Waste Management

Books & Articles


Web Sites

EPA New England Hospital Environmental Assessment Template http://www.epa.gov/region1/healthcare/pdfs/EPAHospitalTool.pdf

GLRPPR Sector Resources > Hospitals & Health Services > Mercury http://www.glrppr.org/contacts/gltopichub.cfm?sectorid=29#130

Healthcare Environmental Resource Center > Regulated Medical Waste
http://www.hercenter.org/rmw/rmwoverview.cfm

Hospitals for a Healthy Environment > Hazardous Materials
http://cms.h2e-online.org/ee/hazmat/

Hospitals for a Healthy Environment > Regulated Medical Waste
http://cms.h2e-online.org/ee/rmw/

Medical Waste
http://www.epa.gov/epaoswer/other/medical/
U.S. EPA portal to resources about regulated medical waste, including sharps disposal.

Mercury – Health Care Topic Hub

Mercury – Thermometers Topic Hub

Mercury: Information for Health Care Providers
http://www.epa.gov/hg/healthcare.htm

Mercury Elimination and Reduction Challenge
http://www.pollutionprobe.org/merc/merc.htm
Canadian mercury elimination effort.
Recycling & Waste Disposal

Books & Articles


**Web Sites**

Healthcare Environmental Resource Center > Waste Reduction – Landscaping and Food Waste  
[http://www.hercenter.org/wastereduction/yardandfood.cfm](http://www.hercenter.org/wastereduction/yardandfood.cfm)

Hospital Recycling Program (Michigan DEQ)  

Hospitals for a Healthy Environment > Recycling  

Hospitals for a Healthy Environment > Solid Waste Disposal  

Waste Reduction Activities for Hospitals  
[http://www.ciwmb.ca.gov/BIZWASTE/factsheets/hospital.htm](http://www.ciwmb.ca.gov/BIZWASTE/factsheets/hospital.htm)
Case Studies

Best References: Hospital and Medical > Case Studies

Boulder Community Foothills Hospital
http://www.cement.org/buildings/buildings_green_boulder.asp
Dedicated in September 2003, the $53M Boulder Community Foothills Hospital became the first hospital in the nation to receive LEED certification from the U.S. Green Building Council.

Centre for Analysis and Dissemination of Demonstrated Energy Technologies (CADDET)
http://www.cadDET.org/index.php
CADDET's objective was to enhance the exchange of information on new, cost-effective renewable energy and energy efficiency technologies. CADDET ceased collecting new information at the end of March 2005. Search using Hospitals to locate relevant case studies.


Healthcare EnviroNet Case Studies
Case studies that show what Canadian hospitals are doing to promote pollution prevention and sustainability.


The Nation’s Greenest Hospital (Providence Health System, Newberg OR)