

St. Paul's Hospital

SMOKING KILLS PEOPLE AND ANIMALS

Smoking Ban On
Vivisection too!



This rabbit at St. Paul's Hospital is one of thousands of animals who have been subjected to cigarette smoke inhalation experiments since 1976.

In the Pulmonary Research Laboratories at St. Paul's Hospital, Vancouver, BC vivisectors are exposing rats, guinea pigs, rabbits, sheep, pigs and dogs to cigarette smoke in experiments funded by government, tobacco companies and public donations. These barbaric experiments started in 1976 and they continue at St. Paul's today.

Governments are implementing bans on cigarette smoking in public places based on the well-known facts from human clinical and epidemiological studies proving that tobacco is addictive and kills people. The BC government is also suing tobacco companies for health care costs. Tobacco companies have covered up the fact that smoking causes cancer and other health problems. BC should implement a consistent policy and stop their support and funding of unnecessary, inhumane experiments on animals.

Recently, the UK banned animal experiments such as cosmetic testing, experiments on great apes and smoking tests.

One of the researchers is Joanne Wright who has been funded by the BC Health Research Foundation and who is also a Director on the BCHR Scientific Advisory Committee. Vivisectors know where the lucrative grants are and they attempt to control the advisory panels. In one experiment she forced rats to inhale smoke from seven cigarettes per day for up to 12 months. She concluded that in "this animal model" reactions to smoke was seen in only "some but not all animals". This is one more example of how animal experiments are inconsistent.

SHOPPERS DRUG MART FUNDS VIVISECTION

Also at St. Paul's laboratories, the "Vascular Biology Laboratory" will received \$100,000 from Shoppers Drug Mart. Although Shoppers oppose animal testing with their Life brand and cosmetic products, they have refused to give details of how their funds will be spent. In defence of experimenting on animals Shoppers quoted dog vivisector Michael DeBakey. Lifeforce has received information that clearly states that this Vascular Biology Laboratory conducts animal experiments with mice and rats. This laboratory is also funded by public donations to the St. Paul's Hospital Foundation. Imasco Ltd. owns Shoppers Drug Marts and Imperial Tobacco Company.

Voice your support for a ban on smoking experiments on animals to:

- Allan Rock, Minister of Health, House of Commons, Centre Block, Room 441-S, Ottawa, ON K1A 0A6
Phone - (613) 974-5000/ Fax - (613) 974-4276
- Penney Priddy, BC Minister of Health, Room 133, Parliament Buildings, Victoria, V8W 1X4
Phone - (250) 387-5394/Fax (250) 387-3696
- Mayor and Council, City of Vancouver, 453 W. 12th Ave., Vancouver, BC, V5Y 1V4
Phone - (604) 873-7276/Fax - (604) 873-7419
- St. Paul's Hospital Foundation, Suite 164, 1081 Burrard St., Vancouver, BC, V6Z 1Y6
Phone - (604) 682-8206/Fax - (604) 631-5326
- Board of Directors, Imasco Limited/Shoppers Drug Mart, 225 Yorkland Blvd, Willowdale, ON M2J 4Y7
Phone - (416) 493-1220/Fax - (416) 490-2547

1999 Vivisection Update:

University of BC (UBC)

At UBC in Vancouver there are numerous research laboratories. The following is a list of only a few of the abuses and waste of scarce health care funds.

- **SPINAL CORD EXPERIMENTS** - John Steeves, UBC Zoology, continues his vivisection. In 1988 Lifeforce exposed Steeves' experiments on Canada Geese who were captured in Stanley Park in Vancouver, BC. The Rick Hansen Institute funds numerous vivisectioners in zoology.

During the summer of 1999 real estate agent John Ryan bicycled across Canada to raise money for spinal cord regeneration. Steeves' research was praised in his media package. Lifeforce sent Press Releases to media in every province that Ryan travelled through. In response to our correspondence, Ryan said that he will consider our request not to fund experiments on animals. A person from his hired advertising company said she was shocked and didn't realize that these experiments continue.

WRITE TO: John Ryan, The Regeneration Society Tour, #209 - 4368 Main Street, Whistler, BC, V0N 1B4, Toll Free (Canada) 1 800 - 570 - 3222.

- **EPILEPSY EXPERIMENTS** - For over 40 years Juhn Wada, Kinsmen Laboratory of Neuroscience, has continued to vivisection rats, cats and monkeys. In an attempt to induce seizures he repeatedly shocks the brains and calls it "Kindling". His experiments on people included inducing "clinical seizures" with a chemical "cocktail" in which some patients looked "literally sick". His colleagues include Edith and Pat McGeer (former politician) who are also long time vivisectioners.

- **DRUG/COCAINE ADDICTION** - In the same laboratories Chris Fibiger has received more than \$4 million from the Medical Research Council of Canada over the past 20 years and in 1992 received a 5-year grant from Bristol-Myers Squibb. His experiments include looking at any increased motor activity in rats following repeated administration of cocaine even though observations of human drug addicts have provided this information.

- **ALCOHOL ADDICTION** - In the Department of Anatomy Joanne Weinberg does alcohol experiments in which rats were exposed to "stressful environments" to look at their "anxiety/fear" following exposure to ethanol before birth. Effects of alcohol exposure during pregnancy in humans is well known and these types of rat experiments are redundant.

- **BREAST CANCER** - Joanne Weinberg and colleagues also get funding to look at the effects of "social housing condition and behaviour on growth" of tumor cells injected into mice even though relevant studies of environmental factors affecting breast cancer in women are being conducted.

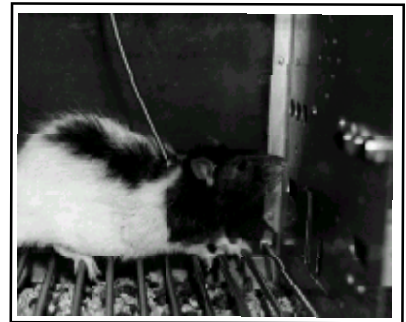
- **XENOTRANSPLANTS** - Vivisectioners still attempt to use animal organs for human transplantation in spite of the rejection of and disease transmission from animals. W. J. Tze has transplanted "insulin producing tissue" between a variety of species including monkeys, dogs, pigs, rabbits and rats since the late 70s. In a 1990 paper he reports transplanting human cell clusters xenografts into rats. He is now at the BC Research Institute for Children's and Women's Health.



Dog with head sutures used in spinal cord experiments



Cats are implanted with electrodes and repeatedly shocked to induce seizures.



Rat in cocaine addiction experiment.

1999 Vivisection Update:

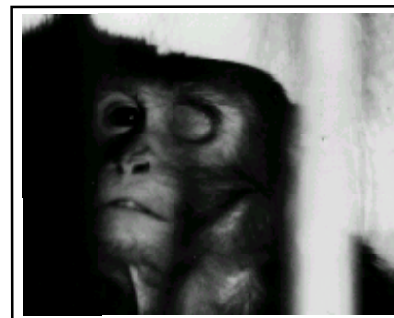
VGH/Jack Bell Research Centre

Over the years GF Strong Laboratories was the main vivisection lab at the Vancouver Hospital (VGH) and Health Sciences Centre. Lifeforce obtained a confidential document by the Canadian Council on Animal Care stating that they recommended that it be closed because it did not meet the basic standards for providing for the needs of animals. Presently, most of the animals are kept in the Jack Bell Research Institute and the Cancer Control Agency.

Some of the cruelty and waste of health care funds follows:

- **EYE EXPERIMENTS** - The University of BC (UBC) Faculty of Medicine has a Department of Ophthalmology at the Vancouver Hospital Eye Care Centre Max Cynader continues to damage the visions of thousands of rats and cats. He also has started vivisectioning monkeys. For over 30 years he has received millions of dollars but he has not found one "breakthrough" that would help people with lazy eye. Among his funding sources is the BC Health Research Foundation (BCHRF).
- **TOXIC SHOCK SYNDROME (TSS)** - In spite of Lifeforce exposing these types of experiments which were partially funded by Playtex, similar experiments continue with rabbits in the Department of Medicine Microbiology section. Animals are infected with bacteria to induce painful, irritating, inflammatory vaginal infection. TSS is not a major problem with people. Infections are treatable and are prevented through good hygiene.
- **HEART EXPERIMENTS** - Heart Foundations throughout Canada and the US continue to fund vivisection. Vivisectioners in the Department of Surgery restrict blood flow to the hearts of animals to injure the heart and spinal cord.
- **BURN EXPERIMENTS** - Lifeforce did not find any current animal experiments published by Dr. Charles Snelling. We exposed his experiments on hundreds of rats in 1988 even though the similar creams that was tested had already been tested in human burn patients. The BC Professional Firefighters Association bought Snelling the computer to use in his research. The BCPFA said that they would not support any more burn experiments on animals but they still donate money to the International Association of Firefighters Burn Foundation whose policy statement clearly states that they fund vivisection. Even though the BCPFA state that they do not want their monies to be spent on animal experiments they still are supporting an organization with an unethical mandate. From fundraising such as the sale of Firefighters calendars they continue to send money to the IAFF Burn Foundation.

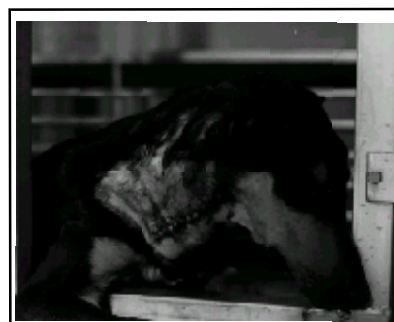
Note: The IAFF has endorsed the candidacy of US Vice President Al Gore for President in the year 2000. Gore should be urged to tell the IAFF to rescind the pro-vivisection policy. Write to: Al Gore, The White House, 1600 Pennsylvania Ave. NW., Washington DC, 20500



Monkeys are now deprived of sight.



Animals are used in toxic shock syndrome experiments.



A dog subjected to induced heart attacks.



A rat with massive burns.

BOYCOTT PRODUCTS THAT CAUSE HARM AND DO NOT DONATE TO ORGANIZATIONS WHICH SUPPORT VIVISECTION

- Directors, BCHRF, Suite 710, Metrotower II, 4720 Kingsway, Burnaby, BC, V5H 4N2
- Directors, VGH and UBC Hospital Foundation, 855 West 12th Ave., Vancouver, BC, V5Z 1M9
- Mr. Jack Bell, Jack Bell Foundation, 270 - 575 W. 8th Ave., Vancouver, BC, V5Z 1C6
- Heart & Stroke Foundation of BC & Yukon, 1212 W. Broadway, Vancouver, BC, V6H 3V2
- Your Member of Parliament, House of Commons, Ottawa, ON, K1A 0A6
- Your MLA, Legislative Assembly, Victoria, BC, V8V 1X4

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1999 Vivisection Update:

Simon Fraser University

Most animals are held in the University Animal "Care" Facility on South Campus. Biological Sciences also has the Alcan Aquatic Research Facility where there are holding facilities for "freshwater organisms including large salmonids" being subjected to toxicology experiments. Some SFU researchers also work at the BC Cancer Research Centre. A complete report of the experiments will be published in a future Liferforce News.

Ecologically Friendly Research Methods

The research system involves numerous types of tests with animals and humans. "Medical breakthroughs" that are proven to help people are never solely a result of animal research. Even if products or procedures fails the animal tests most will still be tested on people. For example, the purpose of most toxicology tests is to determine the lethal high doses in animals even though the chemicals will still be marketed because the companies state that people will never consume similar high doses.

The "animal models" are usually perfectly healthy animals in which vivisectors attempt to artificially induce diseases and other human maladies. Numerous doctors agree that animal models are unlike naturally occurring human problems. The vivisectors are not looking at the actual human malady. Furthermore, methods tested (such as drug therapies) react differently between and within various species of animals. Any data obtained from animal models cannot be reliably extrapolated to solve human illnesses.

The following are only a few examples of humane, reliable research:

- **Clinical and epidemiological studies** of maladies which occur naturally in people.
- Use of **human tissues, cells and organs** in in-vitro tests (kept alive outside the body).
- **Chromatography and mass spectrometry** to separate drugs at the molecular level to identify their properties.
- **Quantum pharmacology** using quantum mechanics to understand the molecular structure of chemicals.
- **Mechanical models and simulators** of human respiratory and circulatory systems for teaching and testing.
- Use of discarded **human placenta** for practice in microvascular surgery and for accurate data on toxic reactions to drugs and chemicals in humans.
- Use of **PET scans** to study the human brain.

Cruel Vivisection Procedures

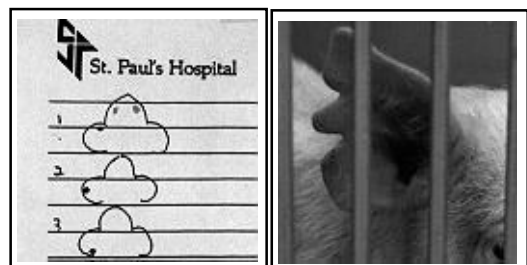
In Canada there has not been any decrease in the use of animals for experiments during the past decade. Approximately two million animals are used annually and many fall within the Canadian Council on Animal Care's (CCAC) "Category of Invasiveness" in which extreme pain is inflicted without any pain relief. The CCAC protects the vivisectors, not their victims - the animals.

Routine lab procedures that also cause fear and suffering include:

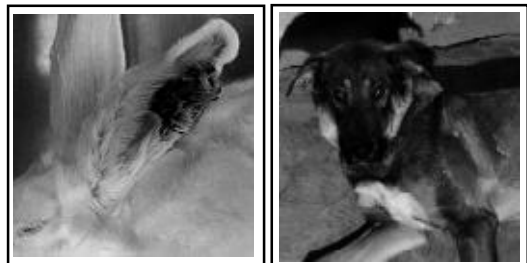
- **IDENTIFICATION BY SURGICAL MUTILATION**
(Animals are subjected to ear punching or notching and toe clipping.)
- **REPEATED BLOOD WITHDRAWAL**
(Veins in ear collapse due to repeated blood removal. Blood is also removed from the eye sockets of animals.)
- **"PARTIAL DEVOCALIZATION" OF DOGS AND PIGS**

The vocal cords are burnt "particularly where noise levels are extremely disturbing to humans ..." (CCAC). Pound dogs are still obtained from pounds in Alberta, Saskatchewan and Ontario under legislation. They are also obtained from pounds in Quebec. The last total in 1996 was 7,400 dogs, 2,200 cats and 21,900 pigs.

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Part of rat ear notching chart at St. Paul's Hospital and pig at Vancouver Hospital with ear notches.



Rabbit subjected to repeated blood withdrawal. The vocal cords of dogs are burnt.

**Rick Hansen
INSTITUTE**

+ \$ =



Kittens with severed spinal cords.

A CRUEL WASTE OF SCARCE HEALTH CARE FUNDS

Your donation to the Rick Hansen Institute could result in suffering to animals subjected to spinal cord experiments and a waste of scarce health care funds. Hansen, a paraplegic since 1973 when he was thrown from the back of a pickup truck, raised \$24 million for spinal cord research, rehabilitation and wheelchair sports when he finished an around the world campaign in 1987. The Rick Hansen Institute funds good work in rehabilitation and injury prevention awareness but they continue to fund numerous experiments on animals.

WHAT ARE SPINAL CORD EXPERIMENTS ON ANIMALS

Researchers create "animal models" of spinal cord injury and test drugs and other methodology. However, they are not studying the actual human injuries and animals react differently to the methodologies tested. There are major biological and anatomical differences between animals and human. In a Liforce report we revealed the difference in drug metabolism found even within a species. In other wasteful and cruel spinal cord experiments, cats continue to be intentionally paralyzed and forced to attempt to walk on treadmills to see if exercise improves motor function recovery. For years, rehabilitation programs with humans have found that exercise is beneficial.

HUMAN BABIES TOO!

In addition to animals, researchers at the University of Alberta (who have been funded by Hansen) have even put three to ten month of age "infants" on treadmills to compare "stepping" to "lower mammals and adult humans". These babies were used as research tools so researchers could meet their "publish or perish" mandate. No one is protected.

A RESEARCH "ADVISORY" PANEL CONTROLLED BY VIVISECTORS

Rick Hansen refused to meet with Liforce Founder Peter Hamilton at Garibaldi Park in 1987. In spite of Liforce warnings, throughout the years Hansen has put a large number of vivisectors on his Research "Advisory" Panel. Nothing like getting only one side. Animal exploiters continue to manipulate the purse strings. There has been an increase of vivisection and decrease in Health Care services in Canada.

TRAFFIC FINES - MAYBE ALCOHOL AND CAR SALES NEXT

In 1997 the BC Government enacted the BC Neurotrauma Fund Contribution Act. A portion of a 15% surcharge on fines for provincial driving offenses that are known to contribute to spinal cord injuries will go to the fund - up to \$2 million annually will go the Rick Hansen Institute. Other provinces have set up similar funds. In 1999 Hansen announced that he is seeking funds from alcohol and car firms. Liforce has been contacting these companies. Also in 1999 Canadian Health Minister Allan Rock announced the establishment of the Canadian Neurotrauma Research Program for more research into brain and spinal cord traumas.

YOU CAN HELP STOP SPINAL CORD EXPERIMENTS ON ANIMALS BY WRITING TO THE FOLLOWING HIGHEST PROFILE FUNDERS:

- Rick Hansen, Rick Hansen Institute, Room 1040-1874 East Mall, Vancouver, BC, V6T 1Z1
- Christopher Reeve, Christopher Reeve Foundation, 121 Treadwell Hollow Rd., Williamstown, MA 01267
- Mr., Reeve is also Chairman of the Board of the American Paralysis Association, 500 Morris Avenue, Springfield, NJ 07081
- Barbara Walters (Director of the Christopher Reeve Foundation), 33 W. 60th Street, New York, NY 10023

Send a \$5.00 donation to Liforce to receive more information about our Broken Promises campaign.

A seven minute video is also available.

Please photocopy this information sheet to post and distribute to friends.

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**1999 Vivisection Update:
Canadian and American Laboratories**

NO BEER - NO ANIMAL FEAR

As incredible as it may sound, Lifeforce has discovered that The Brewers Association of Canada (BAC) funds alcohol experiments on animals. The BAC makes contributions to the Alcoholic Beverages Medical Research Foundation (ABMRF) based in Baltimore, Maryland.

Lifeforce contacted Mr. R.A. (Sandy) Morrison, president and Chief Executive Officer, BAC. Mr. Morrison responded by saying, "With regard to your concerns on animal research, we have no expertise in this area and leave such decisions to government, its regulators and the scientific community." In other words, they presently do not question why their money is being spent on experiments on animals. The ABMRF is strongly influenced by vivisectors. One member of the Medical Advisory Council is Ting-Kai Li. Li claims that he discovered the first true animal model of alcoholism - rats. However, rats actually metabolize drugs very differently as compared to humans.



Cats like this one are still used in alcohol and drug experiments.

A review of alcohol research using animals by Dr. Murray Cohen revealed that animal research has contributed nothing to therapies for misuse of alcohol by people.

There are 27 Canadian breweries as BAC 1997 members who contributed to ABMRF. There were also 24 US breweries. These breweries may be unaware that they are funding experiments on animals. For a list of the member addresses contact Lifeforce or you might find them on the BAC website: <http://www.brewers.ca> or ABMRF website at www.abmrf.org
To voice your concerns and boycott, you can write to the BAC at 1200 - 155 Queen Street, Ottawa, ON K1P 6L1
The ABMRF address is 1122 Kenilworth Drive, Suite 407, Baltimore, Maryland 21204.

NOTE: You should also urge them to not give any money to the Rick Hansen Institute for spinal cord research with animals.

Vivisection - A History of Broken Promises

For over twenty years Lifeforce's Peter Hamilton has made great sacrifices in his life to continue to expose the atrocities in vivisection laboratories. He has heard the cries, seen the suffering and imagined their pain. His films and photographs have raised public awareness and led to many animals being saved. When Peter started his often thankless task people were not even aware of cosmetic tests on animals. In 1986 to no avail Lifeforce presented a 10 year phaseout plan to the Medical Research Council of Canada. We proposed that a minimum 10% reduction in animal experiments per year eventually would have created a safer health care system. However, as you see by reading Lifeforce's 1999 Vivisection Update there are still numerous horrible experiments. A lot more must be done. For example, the rapidly growing Biotechnology Industry is looking at profits not animal welfare. Vivisection not only wastes animal lives but it takes scarce health care funds away from a deteriorating health care system. The misleading results from animal models cannot be reliably extrapolated to solve human problems. Vivisection has caused direct harm to people and the environment.

Your financial support is desperately needed to help Peter and Lifeforce continue to expose these cruel, barbaric experiments on animals.



Another victim of vivisection.

A N. Pacific orca facing extinction.



A seal with a fish hook in her mouth was fed and protected by Lifeforce.



YES! I want to help Lifeforce continue their tireless efforts to bring peace for all life.

Here is my Donation of \$ _____

Here is my Membership:

Seniors/Students \$10.00 Individual \$15.00

Family \$25.00 Business \$100.00

NAME: _____ PHONE: _____

ADDRESS: _____

PO/ZIP CODE _____

MAIL YOUR DONATION/MEMBERSHIP FORM TO:
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Thankyou

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