

vancouver 2010™



PARALYMPIC HEALTH CARE GUIDE

VANCOUVER 2010
Paralympic Health Care Guide

August 2009

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1. Introduction

The Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games (VANOC) has developed a health care program for the Vancouver 2010 Paralympic Winter Games, under the supervision of the International Paralympic Committee (IPC) Medical & Scientific Department and in accordance with the provisions of the IPC Handbook.

VANOC Medical Services has developed a program to meet the health care needs of athletes, officials, Paralympic Family members, Games spectators, media and workforce. During the Games an extensive number of professionally trained and qualified Medical Services workforce will deliver a number of services.

VANOC medical services include:

- Medical facilities for athletes at competition and official training venues, in accordance with each International Paralympic Sport Federation's (IPSF) requirements;
- Medical facilities accessible to Paralympic Family members, VANOC workforce, media and spectators;
- A Polyclinic in each of the Paralympic Villages (Vancouver and Whistler)
- Medical facilities at the Vancouver International Airport, Paralympic Family hotel and for the Opening and Closing Ceremonies and Victory Ceremonies.
- A cohesive network of hospitals and health care facilities for athletes and the Paralympic Family.
- A dedicated emergency medical transport system from venues to Polyclinics and/or hospitals utilizing the British Columbia Ambulance Service (BCAS).
- A comprehensive and integrated public health program to perform inspections and surveillance of illnesses, food, water and air quality, and to respond to any issues.
- Access to interpretation services at all official VANOC venues.



Jack Taunton



Mike Wilkinson

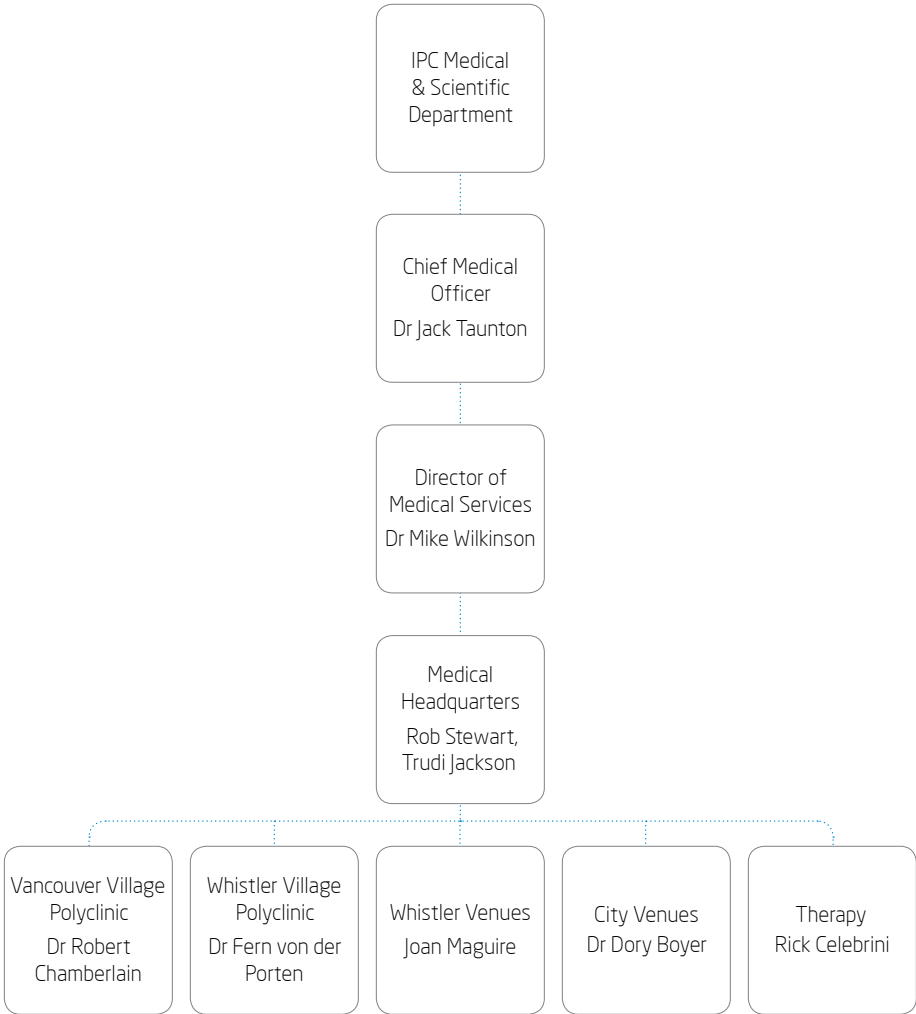
Only those persons identified on an National Paralympic Committee's (NPC) Medical Practitioner Declaration Form will be authorized to provide medical care to members of their own delegation while in British Columbia, or to athletes from other delegations subject to a written agreement between NPCs, submitted to VANOC. They will be able to access VANOC facilities at venues and at the Paralympic Village Polyclinics, with visiting privileges at the Paralympic hospitals and at other Vancouver Coastal Health hospitals and facilities.

In welcoming you to Vancouver 2010, we look forward to continuing the tradition of high-quality medical care provided by previous Organizing Committees for the Paralympic Games.

Dr. Jack Taunton
Chief Medical Officer

Dr. Mike Wilkinson
Director, Medical Services

VANOC Medical Services — Games-Time Organizational Chart



2. Ethical Guidelines for Health Care in Sports Medicine

The IPC Medical & Scientific Department endorses the following ethical guidelines, recommended by the International Olympic Committee Medical Commission, for physicians and allied health professionals who provide medical care to athletes and sports participants (“athletes”). These guidelines have been modified from those prepared by the World Medical Association (*World Medical Journal*, 28:83, 1981), include some principles contained in the 1997 ethics statement of Fédération Internationale de Médecine du Sport (FIMS) and recognize the special circumstances in which medical care and guidance are provided for participants in sport.

- All physicians who care for athletes have an ethical obligation to fully understand the physical, mental and emotional demands placed upon athletes during training for and participation in their sport or sports.
- Since many athletes derive a livelihood from sport, the physician should pay due regard to the occupational medical aspects involved.
- A fundamental right of all patients, including athletes, is to seek a second opinion. Athletes, whatever their status, must never be denied this right. It is recommended that this is undertaken with the knowledge of and referral from the treating physician.
- It is the responsibility of all physicians who care for athletes to ensure that they are cognizant of the changes that have and continue to occur in the medical management of athletes, and to ensure that optimal care is provided to athlete patients.
- Advances in sports medicine and related subjects must never be withheld to benefit selected athletes, and must be disseminated or published.
- When an athlete is a child or adolescent, the physician must ensure that all training and competition is appropriate for the stage of growth and development. Some athletic activity may jeopardize normal development — physically and mentally — and should be prohibited.
- In sports medicine, as in all branches of medicine, professional confidentiality must be observed; the right to privacy relating to medical advice or treatment must be protected.

- When serving as a team physician, one must acknowledge that he/she has a responsibility to both the athletes and team administrators. Each athlete must be informed of that responsibility and requested to authorize disclosure of otherwise confidential medical information only to specified and responsible persons and solely for the purpose of determining the fitness of that athlete to participate.
- The team physician is responsible for determining whether an injured athlete may continue to compete. This decision should not be delegated to other professionals or personnel. In the physician's absence, these professionals must adhere strictly to the guidelines that have been provided. At all times, the priority must be to safeguard the athlete's health and safety. The potential outcome of the competition must never influence such decisions.
- Physicians should publicly oppose and, in practice, refrain from using:
 - a. any substance or method that has been prohibited by the World Anti-Doping Agency (WADA)
 - b. any method that is not in accordance with professional ethics
 - c. any procedure that may be harmful to athletes, especially:
 - i. doping that is unethical and unprofessional (physicians who advocate or practice doping are ineligible to be accredited as a team or sports physician)
 - ii. procedures that mask pain or other protective symptoms and enable an athlete to compete with an injury or illness whereas, in the absence of such procedures, participation would be inadvisable or impossible
 - iii. permitting training and/or competing when doing so is incompatible with the preservation of the individual's health, fitness or safety
- A physician who opposes a procedure should inform the athlete and other relevant parties of the procedure's consequences. The physician should guard against the procedure's use by others, enlist the support of other physicians and organizations with similar aims and protect the athlete from any pressures that may induce him/her to use the methods.
- Physicians who advocate or use any of the aforementioned unethical procedures are in breach of this code of ethics and are unsuited to be accredited as team or sports physicians.

- To undertake these ethical obligations, the physician must insist on professional autonomy over all medical decisions concerning the health and safety of the athlete, neither of which should be compromised to assist the interest of any third party.
- When physicians accompany national teams to international competitions in other countries, these physicians should be accorded the rights and privileges necessary to undertake their professional responsibilities to their athletes while abroad.
- It is strongly recommended that a sport physician be involved in developing and overseeing sports regulations.
- Research in sports medicine should always be conducted within accepted ethical guidelines. Research must never be undertaken in a manner that may injure athletes or jeopardize their performance.

3. VANOC Medical Services Operations

VANOC Medical Headquarters

The Medical Services Program will be coordinated through the medical headquarters (MHQ) located within the Paralympic Village Vancouver Polyclinic. This centre will be operational 24 hours a day from March 6, 2010 until March 22, 2010, inclusive. The medical headquarters will:

- Maintain a constant network of communication with venues, Polyclinics and medical teams in Vancouver and Whistler, including ambulance and helicopter services and hospitals.
- Coordinate staffing, logistics, administrative and resource management of VANOC's medical program.
- Monitor medical issues at venues and Polyclinics and resolve issues that cannot be solved at the venue or Polyclinic level. NPC-related issues that are not immediately resolved at the venue should be reported directly to the MHQ through the telephone number provided for rapid resolution.
- Report directly to the Main Operations Centre and the IPC Medical & Scientific Department, and coordinate communications as needed to NPC chief medical officers (CMOs), directly or through NPC Services.
- Assist in the coordination of any required emergency responses.
- Maintain networks with external agencies including Vancouver Coastal Health, the BC Ministry of Health, BC Ambulance Service, Health Canada and the Public Health Agency of Canada.

Data Entry Control Centre

All venues will use a secure, electronic medical encounter system provided by Atos Origin. Data will be entered by VANOC Medical Services workforce at terminals located at athlete and spectator medical stations as well as at Polyclinics. Data and statistics will be collated at the medical headquarters for daily reports to the IPC Medical & Scientific Department.

4. NPC Health Care Issues

NPC Health Care Personnel

Accreditation

Registered NPC health professionals who complete all accreditation procedures will be eligible for Am accreditation and may have access to the field of play and to athlete preparation areas, depending on accreditation levels. They will also have access to administration and organization areas if treatment facilities are located there.

Registration

NPC chief medical officers, through the respective NPC, are to complete a Medical Practitioner Declaration Form and submit it to their NPC relations representative by December 1, 2009. The following information is required:

- names of all NPC physicians
- a signed guarantee by the NPC that all NPC physicians on the list are qualified, registered and have the appropriate malpractice insurance (if applicable)

In September 2009 this form will be sent to NPCs and will also be available on the SNOW extranet.

VANOC Medical Services will send each NPC a confirmation of its delegation's registered physicians, with a copy to the IPC.

Registered NPC team physicians will be provided with an individually named and numbered stamp to be used on all requisitions and prescriptions, allowing for access and privileges as set out below.

Access and Privileges

NPC health care personnel must adhere to IPC- and VANOC-defined restrictions that include only treating members of its own delegation. NPC team physicians may treat members of other specified delegations if there is agreement in writing between NPCs, submitted to VANOC. VANOC will communicate more details on this process at a later date.

Registered NPC team physicians will have the following privileges:

- can request therapy treatments at the Paralympic Village Polyclinics
- can request diagnostic laboratory tests at the Paralympic Village Polyclinics
- can write prescriptions for members of its own delegation, to be filled at the Paralympic Village Polyclinics' pharmacies

Registered and accredited NPC team physicians may be able to accompany patients who are members of the same NPC delegation, or members of the IPC or IPSF from the same country, to the Paralympic Village Polyclinics or Paralympic Family hospital. In such cases, NPC team physicians will be able to perform the following visiting functions with the consent of the patient and the attending physician:

- review the patient's clinical record
- discuss the examination and treatment of the patient with the attending physician

Registered physicians will not be able to order hospitalization and diagnostic procedures, direct medical treatment or prescribe medications at hospitals.

Return-to-Play Decisions

Medical staff are available to advise on an athlete's fitness to return to play (RTP). However, the final decision on RTP will rest with the NPC physician and the IPC Medical & Scientific Department. The IPSF medical officer may be consulted if required. VANOC Medical Services personnel will not be able to make the final RTP decision.

Malpractice/Liability

VANOC assumes no responsibility for any health care provided to NPC team members by NPC health care personnel. VANOC will not provide any malpractice or liability insurance for NPC health care personnel. It is the responsibility of each NPC to ensure malpractice/liability insurance is in place, as appropriate.

Importation of Medications and Medical Equipment

Health Canada is the federal government department responsible for helping Canadians maintain and improve their health. As part of its mandate, Health Canada administers the *Food and Drugs Act*, the *Controlled Drugs and Substances Act* and their related regulations. Health Canada works in partnership with the Canada Border Services Agency (CBSA) to control the importation of medical devices and pharmaceutical products.

The Government of Canada requires that NPC delegations participating in the Vancouver 2010 Paralympic Winter Games submit an application listing all health products and medical devices (including the contents of team physicians' bags) that will be imported temporarily into Canada. The application will be used to assess the admissibility and conditions that may apply to any regulated items on the list.

Importation of substances falling under the *Controlled Drugs and Substances Act* (such as narcotics, controlled drugs or precursor chemicals) is prohibited, except with an exemption issued by Health Canada. It is also necessary to ensure compliance with the laws of all countries of transit or transshipment.

Health Canada requires that applications be submitted at least 60 days before health products and medical devices enter Canada. Failure to obtain authorization prior to goods entering Canada may result in refusal of entry or significant delay.

NPCs are required to send the completed application to Health Canada according to the instructions on the application, available at healthcanada.gc.ca/vancouver2010.

For NPC delegations participating in the Vancouver 2010 Paralympic Winter Games, Health Canada requires that:

- Medical staff be responsible for all authorized medical devices and pharmaceutical products declared in the application and imported for their delegation's use.
- The quantity imported is reasonable for the number of athletes, their age and type of events, and duration of stay in Canada.
- The goods are used exclusively by the delegation importing them.
- All goods not consumed are exported after the Games.
- Adequate records are kept to record the use of the products, and are to be made available to Health Canada inspectors and Canada Border Services Agency officers upon request.

Health Canada will provide NPCs with written confirmation when their medical manifests have been approved. Health Canada will establish a service standard for the length of time required to review NPC medical manifests. A process will be in place to share medical manifests approved by Health Canada with the Canada Border Services Agency to avoid any unnecessary delays at the border.

The reviewed and approved application document and any applicable exemptions must be presented to a CBSA official at the port of entry into and point of exit from Canada. For freight shipments, this can be arranged through a customs broker. In addition, the document must be available for presentation at any time while the therapeutic products are in Canada.

Distribution of Medical Material to NPC Medical Teams

The following will be distributed at the NPC delegation registration meetings, commencing on March 4, 2010:

- Physician's individualized name and number stamp
- Pharmacy requisition forms
- Laboratory requisition forms
- Imaging requisition forms
- Specialist consultation requisition forms
- Therapy requisition forms

Medical Encounter System

The electronic medical record (EMR) system is an integral part of Games management. Patients receiving consultations and treatment at Vancouver 2010 medical facilities, as well as applicable NPC health care personnel, are to assist VANOC health care professionals to complete this form when required. This system allows for efficient continuity of patient care.

Paper forms will also need to be completed as required by the specific IPSF, or as backup where the EMR is not available.

Unused Pharmaceuticals

Unused pharmaceuticals pose a significant health, safety and environmental hazard when improperly stored or disposed of. It is required by law in British Columbia that all expired or unused medications/pharmaceuticals be collected and disposed of in a safe and effective manner so they do not enter our landfills and sewers. Collection points will be available at every pharmacy and medical station.

Pre-Opening Ceremony Team Physician's Meeting

There will be a pre-Opening Ceremony team physician's meeting. Details will be communicated at a later date.

5. Medical Services in the Villages

NPC Medical Services

VANOC-Provided Medical Furnishings

The furnishings and their respective quantities listed below are specific to medical spaces (physicians' offices, examination/treatment rooms, therapy rooms). The quantities will be distributed across each NPC's allocated medical rooms according to delegation size. Other useful guest items (for example, blankets and pillows) can be requested from the Village resident centres.

MEDICAL FURNISHINGS	QUANTITY PER DELEGATION SIZE CATEGORY				
	1-10	11-25	26-50	51-100	100+
Biohazard waste/sharps receptacle	—	1	1	2	2
Drug cabinet	—	1	1	2	2
Exam light	—	1	2	4	4
Exam/massage table	—	1	2	4	4
Exam table paper	1	1	1	2	2
Ice container	1	1	1	1	1
Small refrigerator	—	—	1	2	2
Small medicine cart	—	1	2	4	4
Stool	—	1	2	4	4
Ice supply (nearby)	yes	yes	yes	yes	yes
Towel supply (nearby)	yes	yes	yes	yes	yes
Wash basin (nearby)	—	yes	yes	yes	yes

The following medical/therapy items will be available for purchase through Rate Card:

- automated external defibrillator (AED)
- examination light
- hydrocollator
- TENS machine
- neuromuscular electrostimulation unit
- Softub 140
- examination bed
- disposable suture set
- ultrasound
- treatment table
- inferential current unit

Other

- Ice and towels will be readily available from Village resident centres at no charge to the NPC.
- Recycling and biomedical waste disposal will be provided throughout the Polyclinics and in the NPC medical spaces.

Polyclinics

Dates and hours of operations

Polyclinic operating hours are 07:00 to 23:00, from March 6, 2010 to March 22, 2010, inclusive. Emergency services will be available from 23:00 to 07:00.

Emergency and essential medical services will be available from March 1, 2010 to March 5, 2010, inclusive and from March 23 to March 24, 2010, inclusive.

Services

Services in each of the Polyclinics will include:

- emergency medicine and trauma care, supported by ambulance services for transfer as needed
- primary care/sports medicine
- diagnostic imaging
 - X-ray
 - MRI
 - CT scan
 - ultrasound
- diagnostic medical laboratory
- pharmacy
- regular clinics
 - dental
 - eye

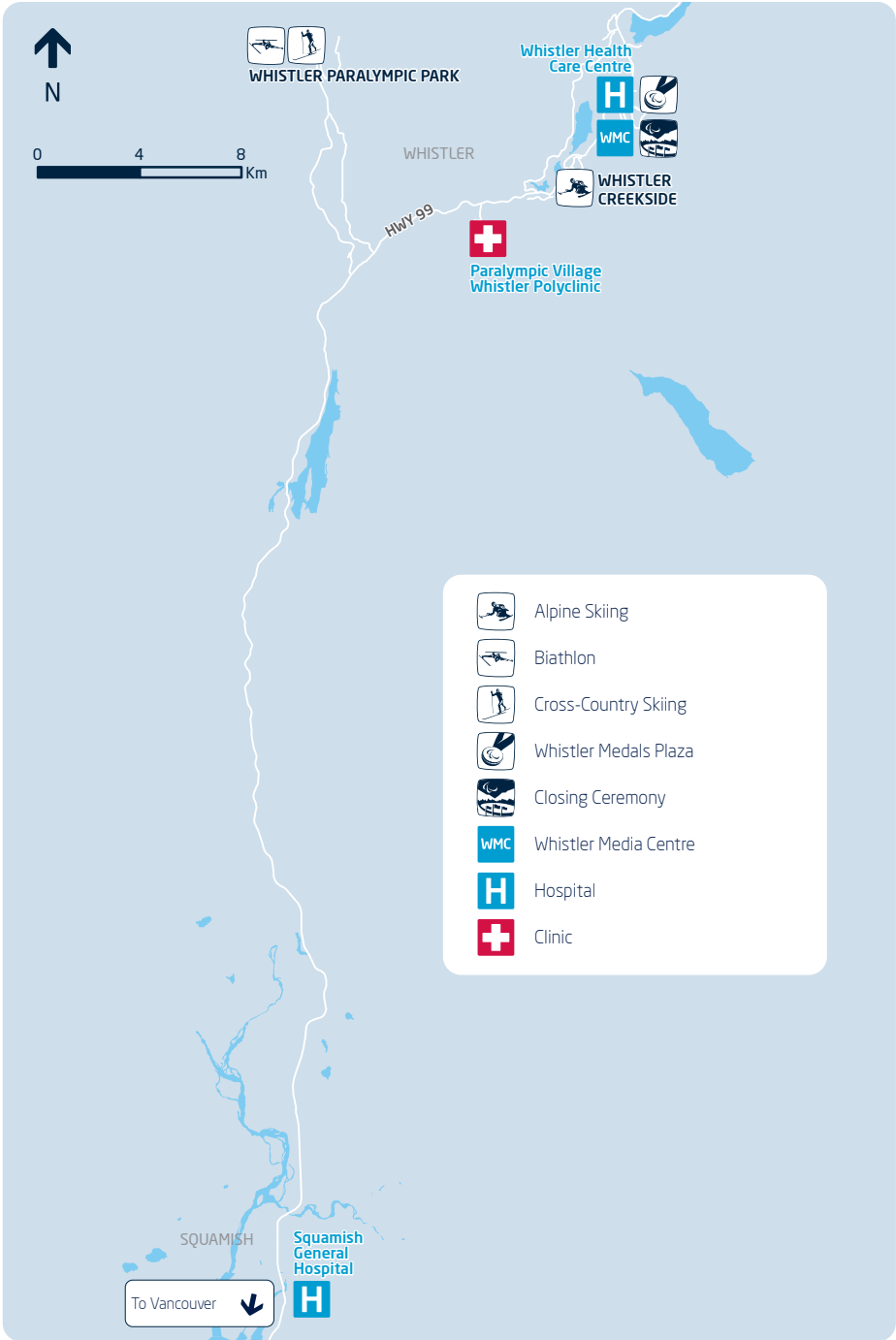
- specialist on-call consultants/
scheduled clinics
 - cardiology
 - dermatology
 - ENT
 - gastroenterology
 - internal medicine
(infectious diseases;
urology; nephrology)
 - surgery (general; hand
and plastics; orthopaedic;
vascular; neurosurgery)
 - neurology
 - obstetrics and
gynaecology
 - ophthalmology
 - psychiatry
- public health nurses
- nutrition and sports psychology
- isolation beds
- podiatry
- orthotics and bracing
- therapy
 - physiotherapy
 - massage therapy
 - chiropractic
 - athletic therapy
 - acupuncture
 - regeneration and
recovery centre
- wheelchair repair and welding
- prosthetic repair

The Paralympic Village Whistler Polyclinic will be supported by an emergency medical unit attached to the Polyclinic. This unit will provide surgical capacity for life, limb or organ salvage or in the event that Whistler is cut off by road and air.








Interpretation services will be provided by on-site language services personnel or by telephone through the Provincial Language Services Program.

Village Plaza

Mobile first-aid services will be available throughout each Village, including in the Village Plaza.





- | | |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  Wheelchair Curling |  Vancouver International Airport |
|  Ice Sledge Hockey |  International Broadcast Centre |
|  Opening Ceremony |  Hospital |
| |  Clinic |

6. Medical Services at the Venues

Medical facilities and services will be provided at competition, training and official non-competition venues. Athlete and spectator medical stations will be stocked with appropriate equipment, supplies and medications, and will be staffed by experienced medical and paramedical personnel. Ambulances, staffed by paramedics, will be available at competition and non-competition venues. Patients will be transported from the venue to the most appropriate facility.

Athlete Medical Stations

Athlete medical stations will provide emergency, primary care and sports medicine services to ill or injured athletes, officials and other accredited persons at competition and training venues. The stations will be staffed by physicians and other health care professionals. Operating hours will be from one hour prior to one hour after the conclusion of training and competition.

Field-of-Play Response

Athletes injured on the field of play during training or competition will be evaluated on-site. If required, the athlete will be evacuated from the field of play and transported to the athlete medical station, Polyclinic, hospital or other facility, as appropriate. Field-of-play response (including the most responsible treating professional designation) will abide by the International Paralympic Sport Federation rules.

Spectator Medical Stations

Spectator medical stations will provide first aid and emergency medical care services to spectators, workforce, contractors, sponsors, media personnel and Paralympic Family members. Located in the spectator sections of venues, the stations will be staffed by physicians, nurses and first-aid providers from the venue's gates opening until the gates are closed and all spectators have cleared the venue.

Opening, Closing and Victory Ceremonies

Medical services will be available to all ceremonies' attendees and participants, including athletes, officials and Paralympic Family members, through the following:

- athlete medical stations
- spectator medical stations
- mobile teams at the athlete and performer staging areas and in spectator areas
- ambulances stationed at the ceremonies venues

Non-Competition Venues

Paralympic Family hotel

There will be a medical station, staffed 24 hours a day by a physician or nurse, at the Paralympic Family hotel.

Main Media Centre (International Broadcast Centre)

Medical stations at the International Broadcast Centre will be staffed during operational hours, in addition to an ambulance stationed on-site around the clock.

Whistler Media Centre

Medical services will reflect the smaller capacity of this venue. There will be a medical station staffed by a physician and nurse during daytime and evening hours. In the event of an emergency after hours, the public emergency system can be activated by dialling 9-1-1.

Airport

Medical services will be provided to accredited persons free of charge upon presentation of accreditation credentials or a non-validated accreditation card. Mobile BC Ambulance Service medical teams will also be moving through the airport throughout the Games period.

The Vancouver International Airport Authority will be made aware of any incoming flights containing passengers with emergency medical requirements. BC Ambulance Service will be on response for the flight's arrival. Depending on the nature of the medical call, other agencies such as Richmond Fire Rescue and Vancouver International Airport's Emergency Response Services may also respond.

7. Hospitals

If it is determined that medical treatment above and beyond what is provided at the venues or Polyclinics is required, Paralympic Family members will be transferred by ambulance or critical care helicopter to the designated Paralympic Family hospital (Vancouver General Hospital). Non-Paralympic Family members will be transferred or referred to the most appropriate facility within the network of Vancouver Coastal Health (VCH) facilities (determined by a number of factors, such as distance from venue, resources of facility, type and severity of injury or illness).

VANOC Medical Services has an agreement with Vancouver Coastal Health — the health authority covering all Paralympic venues — to ensure that there is:

- a consistent level of care across facilities
- communication between facilities
- close consultation and communication with VANOC

Facilities within the VCH network include:

Vancouver General Hospital (designated Paralympic Family hospital)

Located in Vancouver, approximately four kilometres from the Paralympic Village Vancouver and BC Place.

- 24-hour emergency department, heliport, major trauma centre, specialized and tertiary care services.

St Paul's Hospital (designated spectator hospital)

Located in downtown Vancouver, approximately three kilometres from the Paralympic Village Vancouver and BC Place, and approximately seven kilometres from Vancouver Paralympic Centre.

- 24-hour emergency department, specialized and tertiary care services.

UBC Hospital

Located in Vancouver, approximately one kilometre from UBC Thunderbird Arena.

- Urgent care centre open 08:00–22:00.

Richmond Hospital

Located in Richmond, approximately one kilometre from Vancouver International Airport.

- 24-hour emergency department and access to tertiary and primary care services.

Mount Saint Joseph's Hospital

Located in Vancouver, approximately three kilometres from the Paralympic Village Vancouver and four kilometres from BC Place.

- Emergency department open 08:30–20:00. Full range of general and many specialized acute care services.

Lions Gate Hospital

Located in North Vancouver, approximately 7.5 kilometres from the Paralympic Village Vancouver.

- 24-hour emergency department, full range of general and many specialized acute care services, trauma and neurosurgery centre.

Squamish General Hospital

Located in Squamish, approximately 52 kilometres from the Paralympic Village Whistler, 50 kilometres from Whistler Paralympic Park, and approximately 60 kilometres from Whistler Creekside, the Whistler Media Centre and Whistler Medals Plaza.

- 24-hour emergency department and access to tertiary and primary care services.

Whistler Health Care Centre

Located in Whistler, approximately one kilometre from the Whistler Media Centre and Whistler Medals Plaza, approximately nine kilometres from the Paralympic Village Whistler, 17 kilometres from Whistler Paralympic Park and five kilometres from Whistler Creekside.

- Urgent care centre emergency room open 08:00–22:00.

Other specialty hospitals within Vancouver:

BC Children's Hospital

Located approximately one kilometre from the Vancouver Paralympic Centre.

- 24-hour emergency department, heliport, major paediatric trauma centre.

BC Women's Hospital & Health Centre

Located approximately one kilometre from the Vancouver Paralympic Centre.

- High-risk pregnancy and neonatal ICU.

Notification of Hospital Admission

Hospital admissions originating at a venue or Polyclinic will be coordinated by the venue medical officer or Polyclinic medical staff through BC Bedline.

When a delegation member's hospital admission is not coordinated by VANOC, NPCs must notify VANOC medical headquarters as soon as possible through the telephone number provided. All NPC and Paralympic Family members who present independently to a hospital are required to advise the admitting staff of their Paralympic accreditation status.

8. Emergency Medical Services and Transportation

Ambulances, staffed by paramedics, will be stationed at competition and non-competition venues during medical services operational hours. All medical transportation will be coordinated by VANOC Medical Services and BC Ambulance Service. Patients will be transported from the venue to the Polyclinic or the most appropriate VCH facility, as required. Whistler venues will be supported by a critical care transport helicopter.

The final decision on the method of transport (and the destination) will be made by the VANOC medical team and, when appropriate, in consultation with the NPC physician and treating medical personnel.

9. Insurance

Paralympic Family Medical Insurance

A medical insurance program covering ambulance transport, clinic and hospital services will be provided at no charge to Paralympic Family members. Paralympic Family members covered under this program will include accredited NPC presidents, secretaries general, athletes and team officials. Coverage will apply from March 6, 2010 to March 24, 2010, inclusive, and will include treatment for acute illnesses and injuries, or acute exacerbations of pre-existing illnesses or injuries. Treatment of stable, pre-existing conditions is not covered. VANOC is not responsible for the medical insurance of NPC delegation members outside the period defined above, or for the medical insurance of non-accredited NPC delegation members.

Private Health Insurance

NPCs should obtain private medical insurance for cases not covered by VANOC's Paralympic Family medical insurance program, and should consult an insurance professional for advice on medical insurance prior to travelling to Canada.

VANOC strongly recommends that all non-accredited persons (who are also non-Canadian residents) attending the Games obtain sufficient travel medical insurance coverage.

Repatriation Insurance

VANOC will provide repatriation insurance to eligible Paralympic Family members. This insurance will provide for free air travel home with accompanying medical specialists, as required. In the event of death, repatriation insurance will cover the cost of transporting the body home. The dates of repatriation insurance coverage coincide with the coverage period described above. Arrangements will be coordinated by VANOC.

Malpractice Insurance

VANOC will not provide malpractice insurance to NPC health care personnel.

10. General Information

Tobacco-Free Games Program

Non-smoking and tobacco-free policies will apply within all Paralympic venues (with provisions made for smoking in a limited number of designated areas). This means that the use of tobacco, including smoking, is prohibited by provincial and local regulations as well as VANOC policy in the following locations:

- within indoor spaces, including venues
- most public places, including outdoor patios and within six metres of entryways

No tobacco products will be sold or distributed at any Games venue including the Paralympic Villages.

VANOC will implement a tobacco-free Games program that will include health promotion activities around tobacco-free sports.

Public Health

Public health services provided throughout the Games regions will include, but will not be limited to:

- environmental health protection (such as food, water, and air monitoring and inspection)
- communicable disease control
- disease surveillance
- health emergency management

This public health information will be communicated to the IPC Medical & Scientific Department and NPCs on a daily basis.

Recommended Vaccinations for Athletes, Officials and Visitors to the Games

It is recommended that athletes, officials and visitors to the Vancouver 2010 Paralympic Winter Games ensure that they have the following vaccinations prior to arriving in Vancouver:

1. Influenza vaccine containing the following components recommended by the World Health Organization for the 2009–10 northern hemisphere influenza season:
 - an A/Brisbane/59/2007 (H1N1)-like virus
 - an A/Brisbane/10/2007 (H3N2)-like virus
 - a B/Brisbane/60/2008-like virus

The influenza vaccine should be administered at least two weeks prior to arrival in Vancouver.

2. Two doses of measles, mumps and rubella vaccine (MMR) (or equivalent single-antigen vaccines), administered after age one and at least one month apart.
3. Varicella vaccine for those who have not had varicella disease (chickenpox). For full protection, two doses of varicella vaccine administered at least one month apart are recommended for those who were immunized on or after 13 years of age.

Other recommended vaccinations for young adults in British Columbia include:

- hepatitis B
- tetanus/diphtheria
- meningococcal C conjugate

Health Information

Non-emergency information may be accessed without visiting a health care clinic or hospital emergency room by dialing HealthLink BC at 8-1-1, or by consulting their website at healthlinkbc.ca.

Emergency Services

Emergency services may be accessed by dialing 9-1-1.

Research

The IPC Medical & Scientific Department will be coordinating a number of research studies during the Vancouver 2010 Paralympic Winter Games. The topics of these projects are:

- IPC winter sports injury survey
- match analysis and field performance analysis in ice sledge hockey
- kinematic analysis of the push gesture in Nordic sit skiers
- autonomic dysreflexia in athletes with spinal cord injury
- motivation for VANOC volunteers to engage in the Vancouver 2010 Paralympic Winter Games.

Further details of these studies will be made available at a later date, and at the pre-opening Ceremony team physician meeting.

Games-Time Workshops

There will be a Games-time research workshop organized by VANOC Medical Services and the IPC Medical & Scientific Department during the Games period. Details on date, time and place will be communicated at a later date.

The topic of the workshop will be *Medical Care and Services in the Paralympic Winter Sports Environment*.

GOVERNMENT PARTNERS PARTENAIRES GOUVERNEMENTAUX



SPORT PARTNERS PARTENAIRES SPORTIFS



HOST FIRST NATIONS PREMIÈRES NATIONS HÔTES



LIL'WAT



MUSQUEAM



SQUAMISH



TSLEIL-WAUTUTH

VENUE CITIES VILLES SITES



CONTRIBUTING PROVINCES AND TERRITORIES

PROVINCES CONTRIBUTRICES ET TERRITOIRES CONTRIBUTEURS



Government of Saskatchewan

