



Photos: Lieven Coudenys

IPC Alpine Ski Injury Survey

Dr. Peter Van de Vliet
IPC Medical & Scientific Director
11 December 2008

Team Meeting
IPC Alpine Ski European Series Event
Pitztal, Austria



The International Paralympic Committee (IPC)

- Global governing body of the Paralympic Movement.
- Organizes the Summer and Winter Paralympic Games.
- Serves as the International Federation for IPC Alpine Skiing, for which it supervises and co-ordinates the World Championships and other competitions.



Wintersports Injury Survey

- Salt Lake City 2002 Paralympic Winter Games

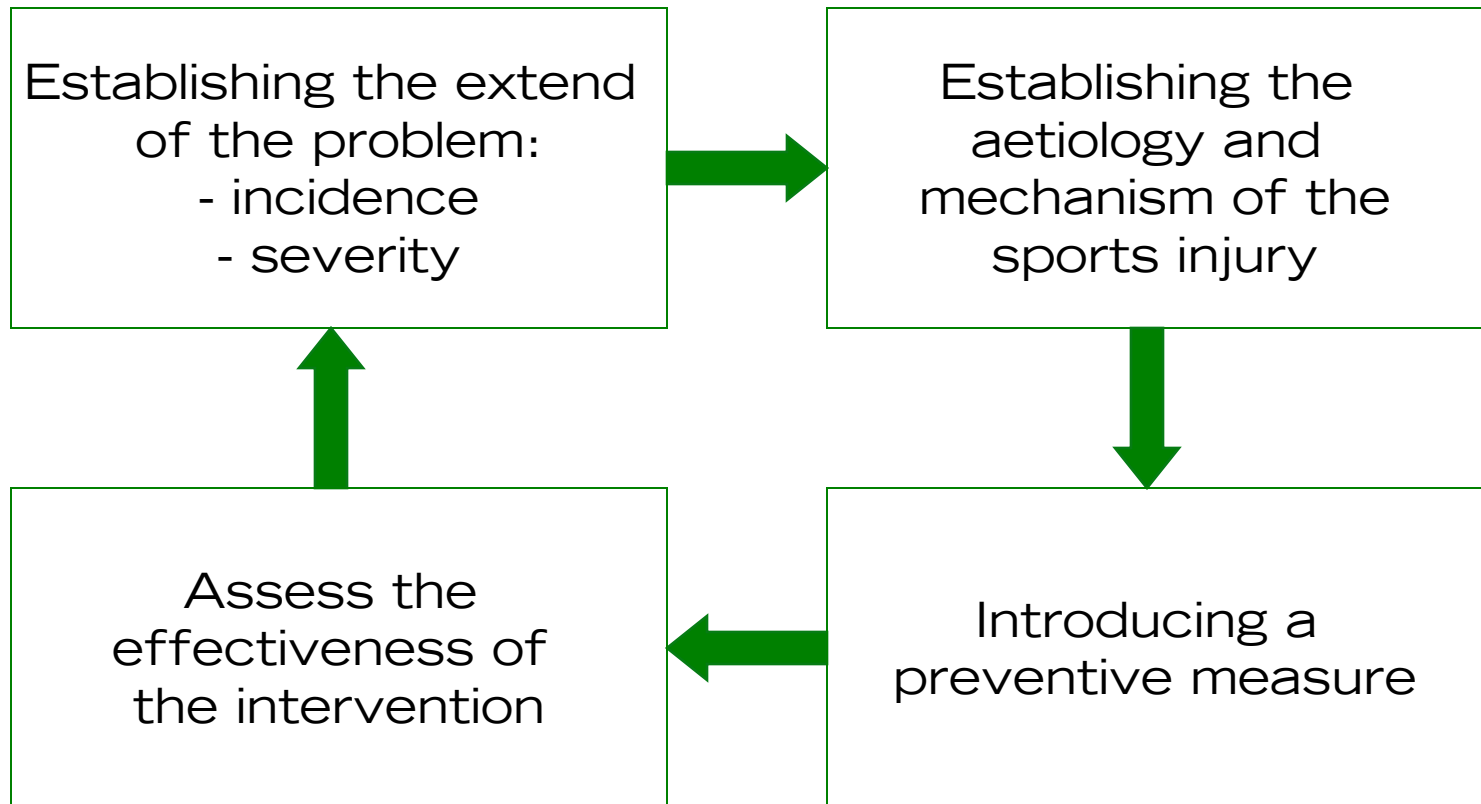
Webborn, N., Willick, S., & Reeser, J.C. (2006). Injuries among disabled athletes during the 2002 Winter Paralympic Games. *Med. Sci. Sports Exerc.*, 38, 5, 811-815.

- Torino 2006 Paralympic Winter Games

Webborn, N., Willick, S,



Sports Injury Surveillance



Sports Injury Survey



Athlete Data

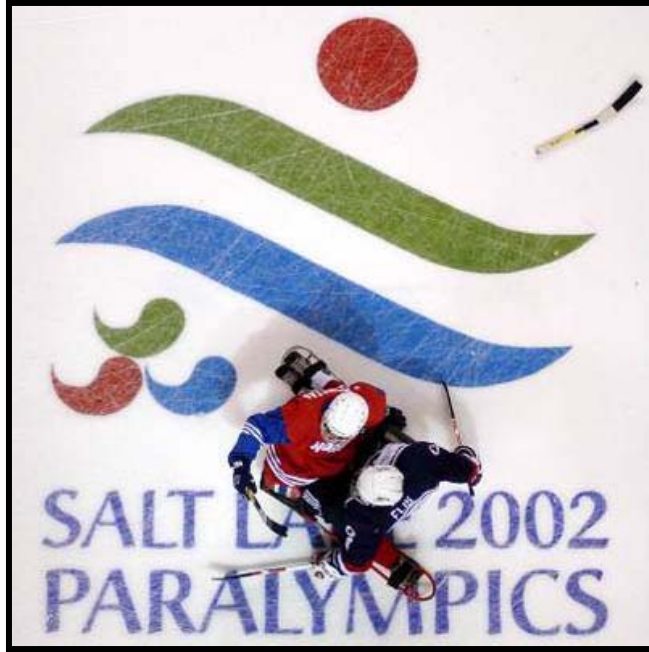
age, gender
sport
classification

Medical Encounter Form

diagnosis
imaging
immediate injury result

Race Analysis

mechanism of injury
equipment



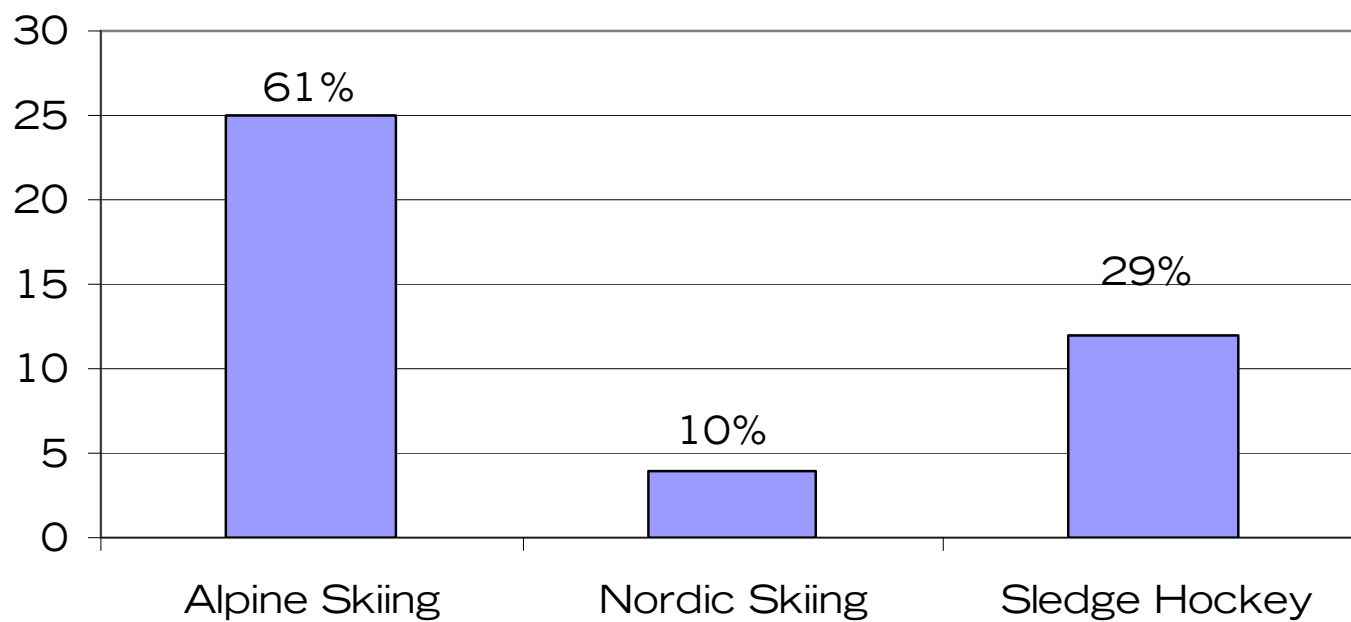
Salt Lake City 2002



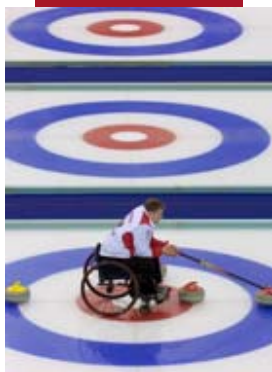
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Number of Injuries by Sport

(39 injuries/416 athletes)

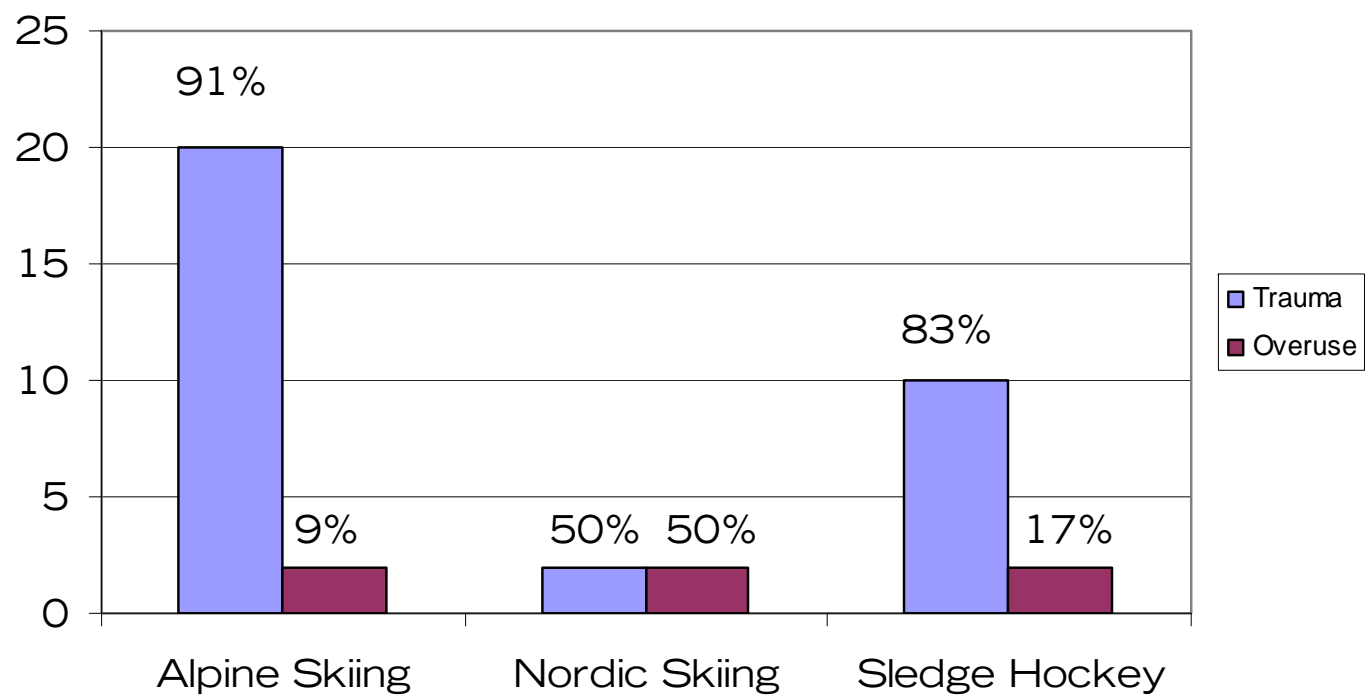


Salt Lake City 2002



Photos: Lieven Coudenys

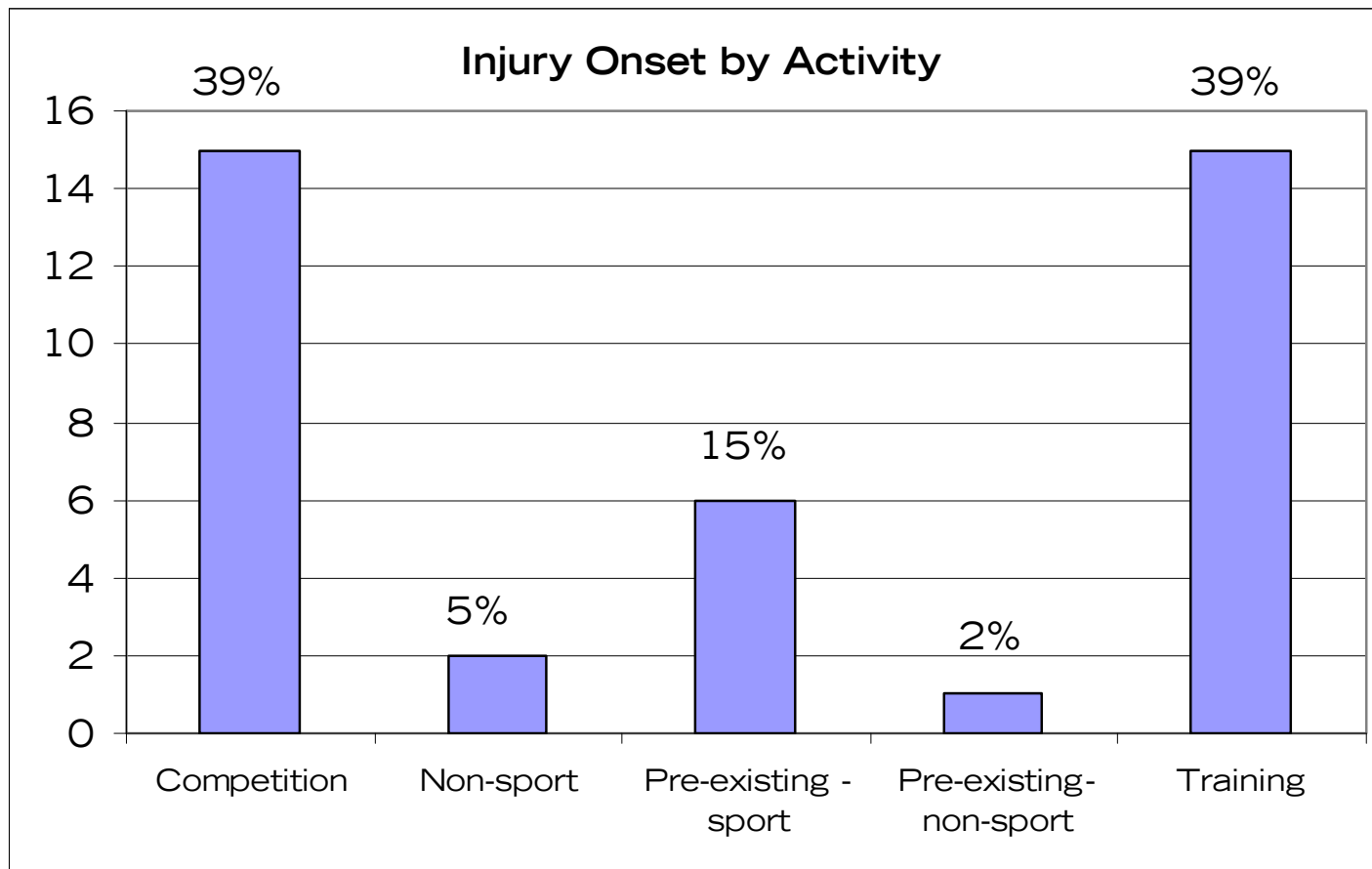
Acute Traumatic versus Overuse Injuries, by Sport



Salt Lake City 2002



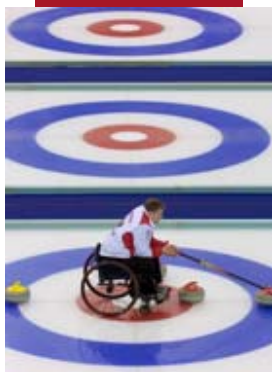
Photos: Lieven Coudenys



Sports Injury Survey



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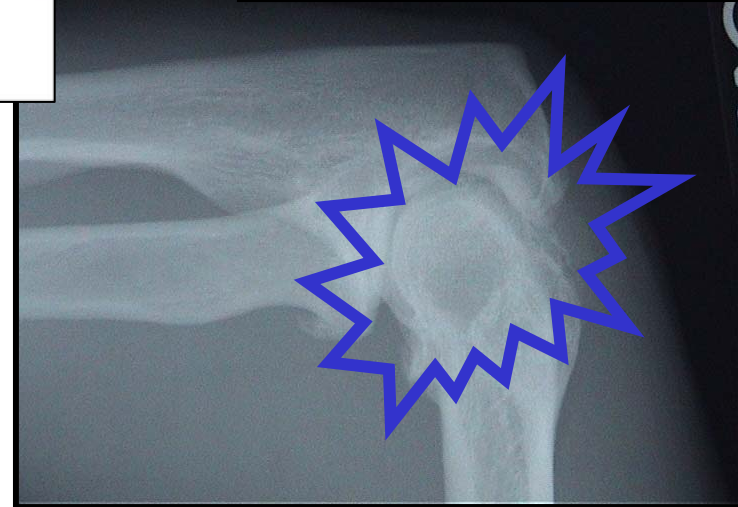


Injury Survey



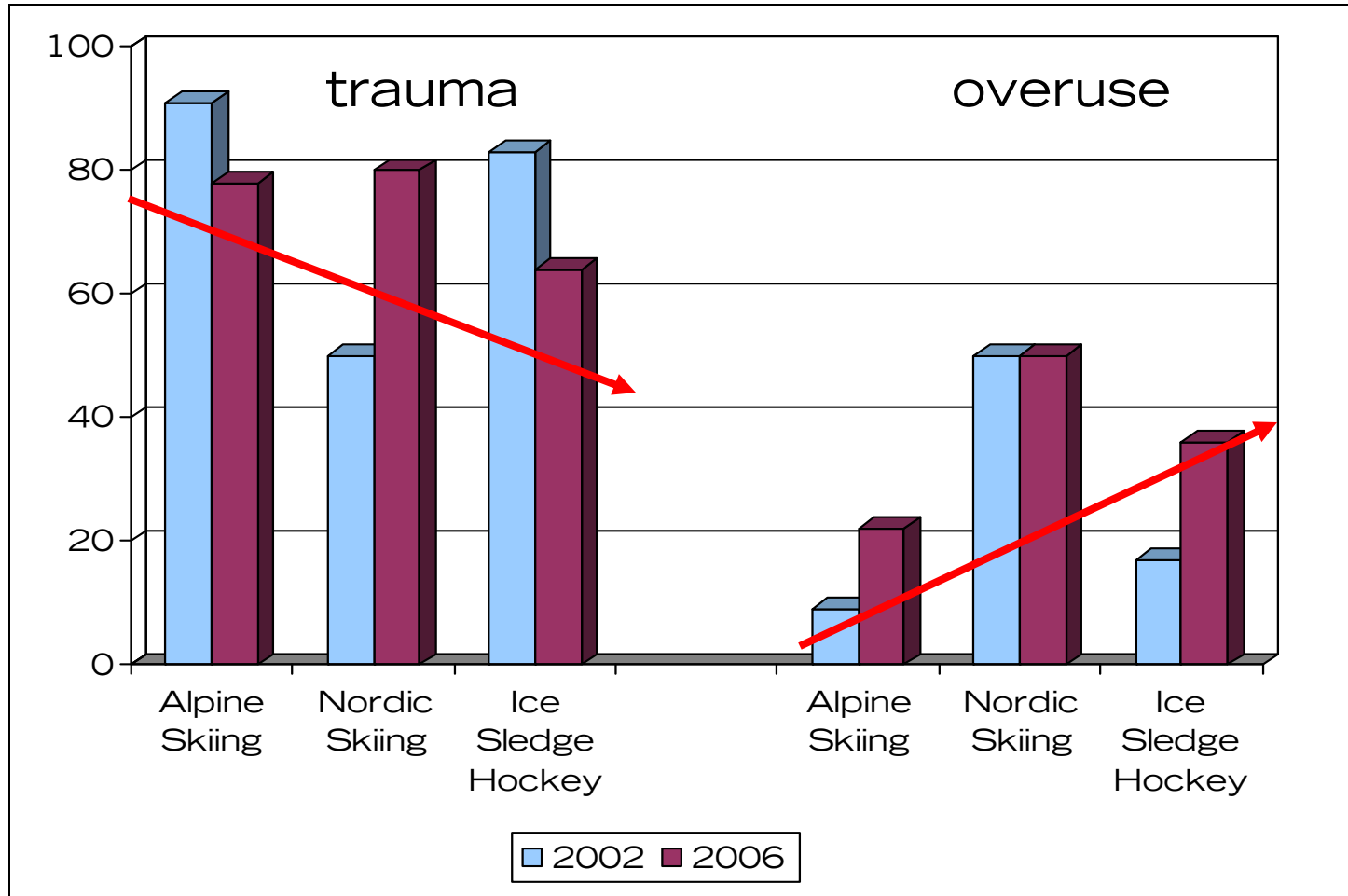
Photos: Lieven Coudenys

Sports Injury Survey



Photos: Lieven Coudenys

Salt Lake City 2002 -> Torino 2006

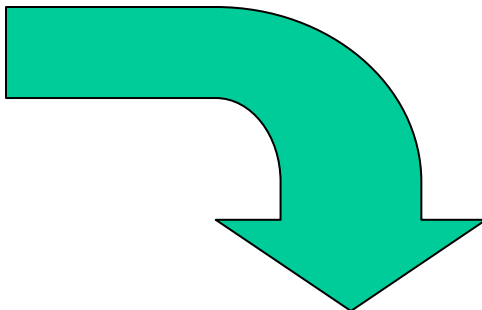


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Value of Sports Injury Survey

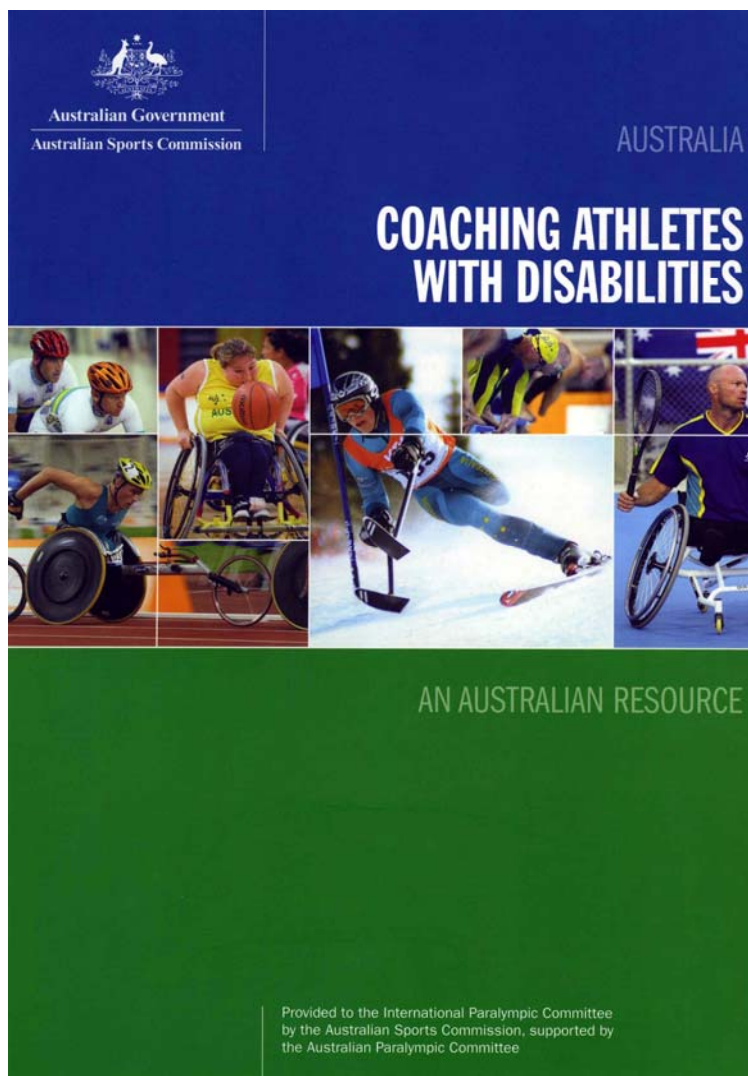


2002



2006

Value of Sports Injury Survey



Photos: Lieven Coudenys





IPC Alpine Ski Injury Survey 2008 ->

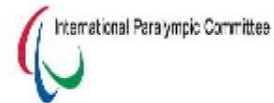
- FIS Injury Survey modified for IPC Alpine Ski use
- Systematic Injury Reporting over competition **and** training
- Scientific Study : IPC AS Injury Survey
 - Investigators
 - Webborn, N., Member IPC Sports Science Committee
 - Van de Vliet, P., IPC Medical & Scientific Director
 - Mestre, S., Chairperson IPC STC Alpine Ski
 - Approved by IPC Sports Science Committee



IPC Alpine Ski Injury Survey 2008 ->



ALPINE SKIING INJURY REPORT
Verletzungsmeldung / Rapport de Blessure



Please send this injury report as soon as possible to/ Bitte schicken Sie diese Verletzungsmeldung so rasch als möglich an/ Veuillez envoyer ce rapport de blessure le plus vite possible à la:

International Paralympic Committee

Adenauerallee 212-214, 53113 Bonn, Germany

Fax: +49-228-2097-209

E-mail: ipc alpineskiing@paralympic.org

All injuries that occur during training or competition and require attention by medical personnel should be reported/ Alle Verletzungen, die während des offiziellen Trainings oder des Wettkampfes auftreten und Betreuung durch medizinisches Personal erfordern, sollten gemeldet werden/Toutes les blessures qui se produisent pendant l'entraînement officiel ou la compétition et qui nécessitent l'attention du personnel médical doivent être rapportées

To be completed in collaboration with event or team medical staff (if possible)/ Bitte in Zusammenarbeit mit den medizinisch Verantwortlichen der Veranstaltung oder des Teams ausfüllen (wenn möglich)/Svp remplir en collaboration avec le personnel médical de l'événement ou de l'équipe (si possible)

Injuries occurring during warm-up, free skiing or between runs need TO be recorded/ Verletzungen die während des Aufwärmens, bei freien Skifahren oder zwischen zwei Läufen passieren müssen JA gemeldet werden/ Des blessures se produisant pendant l'échauffement, le ski libre ou entre les manche /runs ont besoin d'être enregistrés





IPC Alpine Ski Injury Survey 2008 ->

- Type of injury
 - Fracture, contusion, strain, overuse, ...
- Body part(s) involved
- Equipment involved
- Injury circumstances
 - Competition vs training
 - Snow / weather conditions
- Medical information
 - Diagnostics, X-ray, scans
- Video Footage





IPC Alpine Ski Injury Survey 2008 ->

- Annual reporting of statistics
- Rule changes / Equipment recommendations ?
- Vancouver 2010 Paralympic Winter Games Injury Survey



IPC Alpine Ski Injury Survey 2008 ->



- The survey can be found on www.paralympic.org -> winter sports -> IPC Alpine Ski
- Submit injury reports to: ipcalpineskiing@paralympic.org
- Questions & Information
Dr. Peter Van de Vliet, IPC Medical & Scientific Director, peter.vandevliet@paralympic.org



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SPIRIT IN MOTION

