

# Preparing Paralympic Medical Service 'a long JOURNEY'



IPC Workshop, CDM Hall  
15 Mar 2018

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Chief Medical Officer  
2018 PyeongChang Olympic & Paralympic Winter Games

- Prelude
- Step 1: Experiencing Paralympic Sports
- Step 2: Securing Commitment in Bid stage
- Step 3. Preparing Paralympic Medical Service









# Step 1 Experiencing Paralympic Sports





















**• IPC Alpine Skiing - Sports Assembly Executive Committee**  
 Rita van Driel, interim chairperson  
 Bokadoomstraat 5  
 2982 BA Ridderkerk, Nederland  
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 e-mail rita.driel@planet.nl

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**IPC Alpine SAEC-meeting**  
 Minutes from the SAEC-meeting 2 February 2004, Wildschönau (Austria)  
 Minutes by: Janine Elliott

**Present:**  
 SAEC members and co-opted members:  
 - Janine Elliott (JE)  
 - Peter Lauppi (PL)  
 - Dr. Young-Lee (YL)  
 - Silvana Mestre (SM)  
 - Michael Kraus (MKK)  
 - Mirre Kipler (MKI)

**Guests:**  
 - Rita van Driel (RVD)

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**Attachment 1. Classification LW 10**

**A. Range of Results from Sitting Class: GS Male 2002-2003 season**

Number of subjects: Total 80 skier ((data from 3 races)  
 (LW10:16 LW11:25 LW12/1:29 LW12/2:10)

Parameter comparing distribution of the results: CV (coefficient of variation)  
 CV (coefficient of variation) = Standard deviation / mean

LW10 : 0.17  
 LW11 : 0.14  
 LW12/1 : 0.14  
 LW12/2 : 0.13

Results of analysis represent that the results from LW 10 was distributed more widely comparing those of other three group.

Group	Number of subjects	CV (coefficient of variation)
LW10	16	0.17
LW11	25	0.14
LW12/1	29	0.14
LW12/2	10	0.13

- YL reported that result of LW10 was distributed more widely comparing those of other three classes in sitting category, according to personal analysis of the results from 2002-2003 season World Cup, and suggested split this class in case of adopting category system. MKI also advised that during this IPC World Championships the classifiers have had a look at the LW10 class with the possibility in the future of splitting this class into two, LW10/1 and LW10/2.





Step 2.  
Securing Commitment in Bid Stage



Theme 09  
**PARALYMPIC GAMES**



Young-Hee LEE



## Commitment in 2010 bid

Theme 09 PARALYMPIC GAMES

### Preparation for Paralympic Games

**PrePara** USD 17.1 million for **PrePara**

- **“Happy 700 Para” Projects**  
– promote participation and awareness
- **Training Technical Personnel**  
– prepare competition operation
- **Test Competitions**  
– gain experiences

Yes! PyeongChang

## Commitment in 2014 bid

II. PrePara-X Project

### What is the PrePara-X Project?

**A seven year comprehensive preparatory project from 2007 to 2014**

- Promote Winter Paralympic Sports
- Develop Human Resources for the Games
- Increase Awareness and Participation

NewDreams @PyeongChang







## Essentials in Preparation - Person

### Medical Team Organization

- Team Leader:
  - Rich experience in Sports Event
  - have proven organisational skills and abilities
  - good relationship with host city health system
- Experts in core area
  - Emergency, Physiotherapy, Pharmacy, EMR...
- Timing of Placement
  - place core personnel place in full-time position as early possible



## Essentials in Preparation - Person



### Recruitment of Medical Personnel

- Individuals vs Organizations/Institutions.
- The characteristics of the game time medical service should be fully explained.
  - Venue Environment, Accommodation, Transportation
  - Difference between service in hospital and in events.
  - Difference between Team Physician and Event Physician
- Thorough contingency planning for volunteer dropouts

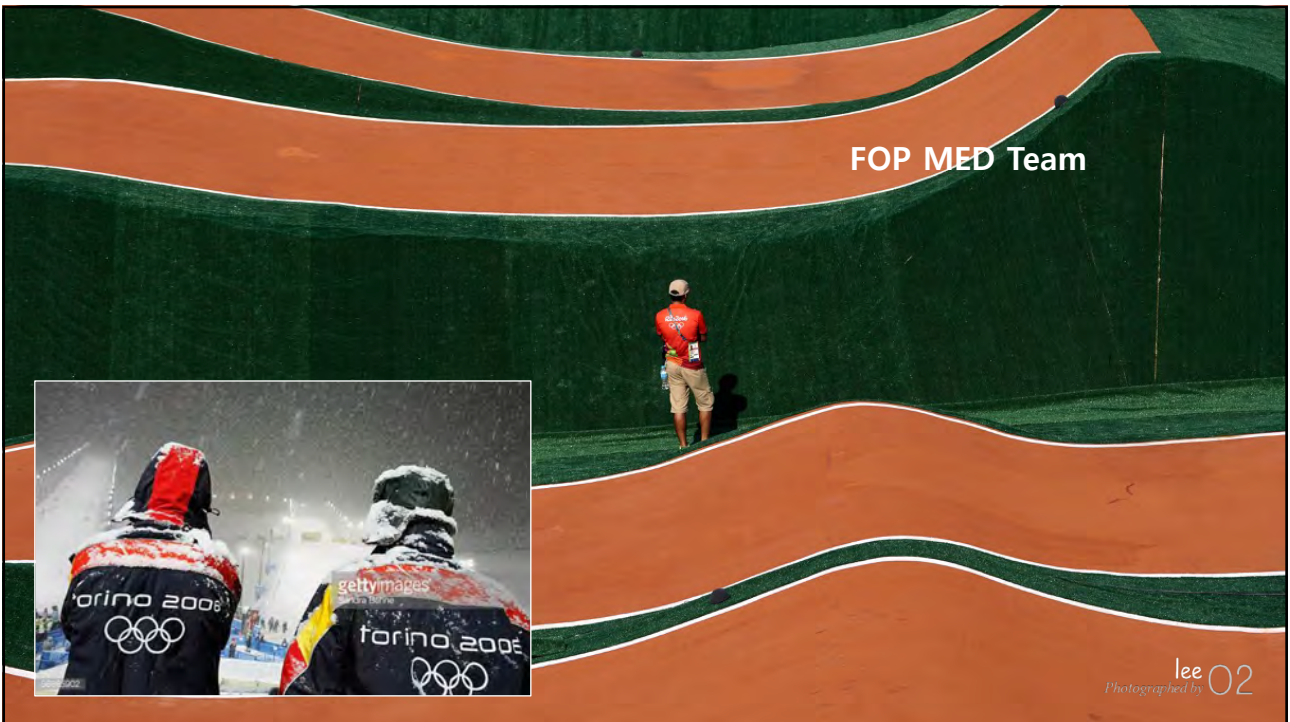


## Essentials in Preparation - Person



	Sports Physician in Hospital	Team Physician	Event Physician
Executive body	Health Care Facility	Affiliated Team (Nation)	Organizing Committee of Events
Client	Any persons with sports injury	Athlete, coach, team officials	+ work force, spectator, media ...
Service in/at	Clinic or Hospital	Field of Play, Athlete village, referring Hospital	Venue, Athlete village, referring hospital
Relationship with Event	Performance of Athletes	Performance of Athletes Decision about return to play	Impact on the progress of the Event
Main Role	Clinician for definitive care	Team Health Care	Event workforce





## Essentials in Preparation - Budgets

### Budgets

Because health care is intangible, it is often the first to be cut when the overall operating budget is scarce

### Solution

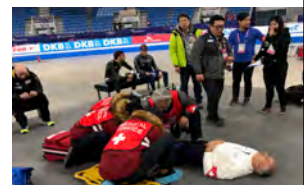
- Internal
  - maintaining Good relation with HQ and Budget department
- External
  - Clearly defined service level in Host City Requirement



## Essentials in Preparation

### Education and Training

- Invitation of Expert of previous game
  - Lecture, on site training, Simulation
- Dispatch of core member of the OC
- Participation in Test Event
  - It is important to be continued to participation in Main Events







### Alpine Ski Speed Event: FOP evacuation plan



12. 14

손터 사정인 : (보좌)

12. 16 X 예선 (10:00 ~ 16:30)

12. 17 X 패자 부활전 (09:30 ~ 12:10)  
 12. 17 X 결승전 내선 (13:10 ~ 17:30)

12. 18 X

12. 13 X Training 09:00 ~ 18:00 비공식

12. 14 X " " 공식

12. 14 X " " 공식

무전기 VEM: 10대 (홍영주)  
 M2D: 8대  
 VMO, FOP 2, AMS 4, SMS 5  
 HOME 2, 119-8

12. 13 -  
 마키노도(선수, 보좌) 북사지  
 한국 의료원 (사천대우) 을지대 AD커스

119 4 + 2 \*무전기  
 \*확장판도 리너지  
 \*FOP Medical 행정문항인 \*

12. 14  
 - 물리치료를 위해 배송 : 14:00  
 - 원주 운동 : 11:00 ~ 13:00, 물리치료를 위해  
 - 투입인력 :  
 VMO (김영주), 의사 (홍영진), 간호사 (이정민)  
 FOP (홍영, 이상하, 신종교, 신보승)

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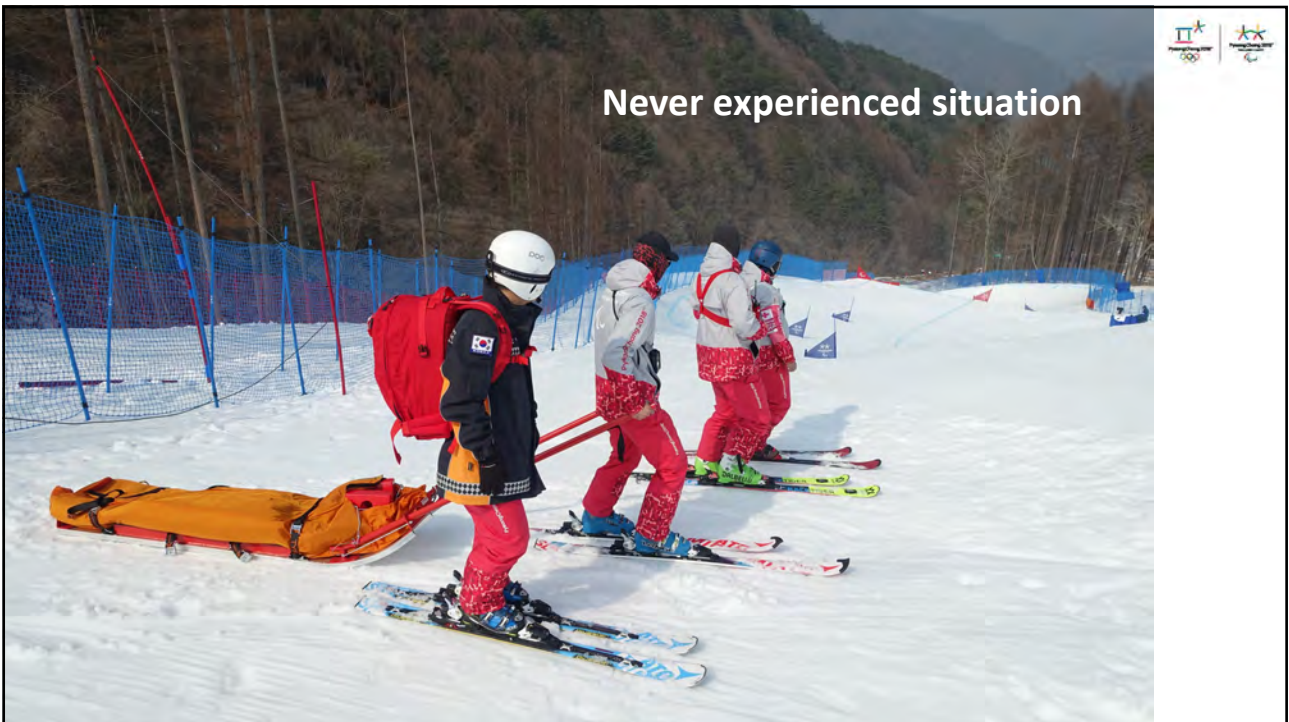
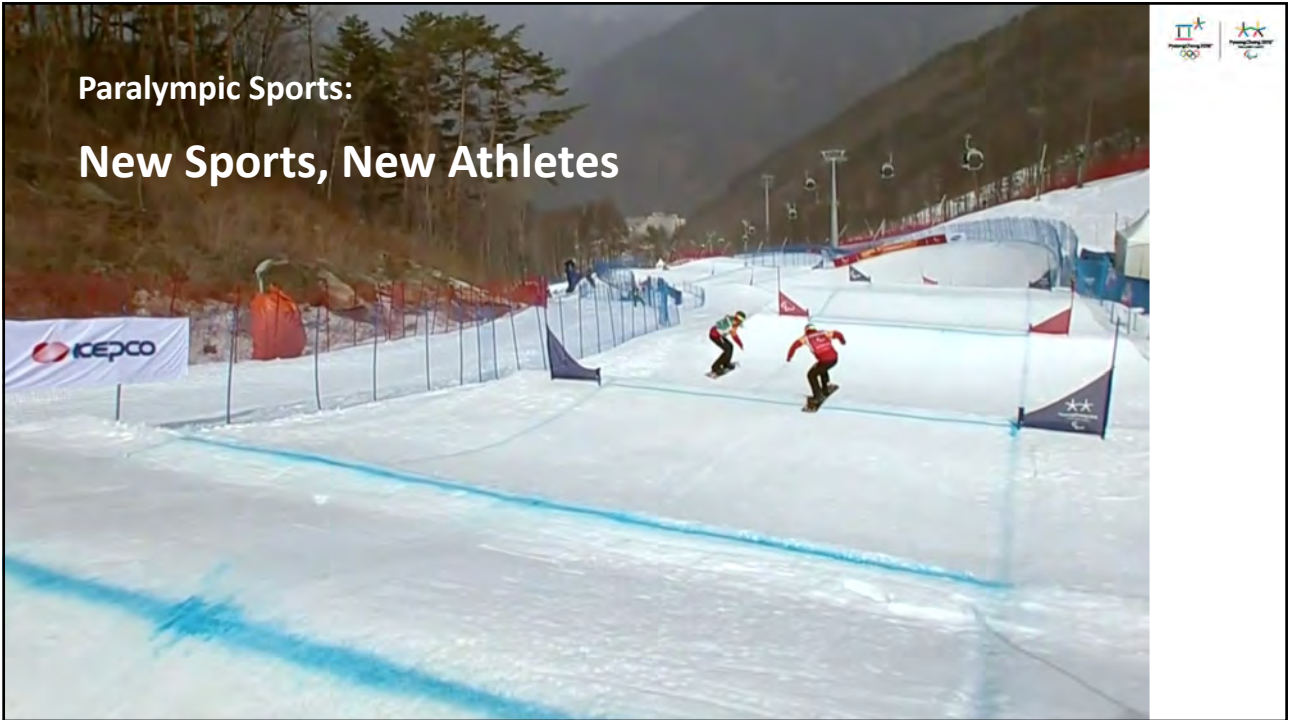
9. 14 -

9. 15 -

9. 16 -

9. 17 -</





### Accessibility – Essential!



### Additional service for Paralympics





### Additional service for Paralympics







Secure additional equipment



secure additional transportation



## Paralympic-specific Training



## Dispatch VMO to Worldchampionship



## Additional Medication/Supplies

Medication for Autonomic Dysreflexia

Eye Clinic and Optometric

Medical Supplies

- Urinary catheter
- Pressure Sore dressing kit
- Vacuum Splint



## Clinical Service for Safeguarding – consider for future game

**Safeguarding athletes  
from  
harassment and abuse  
in sport**











감사합니다.  
Thank you.



lee 02  
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