Preparing Paralympic Medical Service
‘a long JOURNEY’

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• Prelude
• Step 1: Experiencing Paralympic Sports
• Step 2: Securing Commitment in Bid stage
• Step 3. Preparing Paralympic Medical Service
Prelude
be a Sports Physician

Jan, 1977
Step 1
Experiencing Paralympic Sports

As Team Physicians
1989 Nagano
As Team Physicians
2002 Salt Lake City
As Classifier
2008 Beijing, Athletics

As a Classifier
IPC Classification Committee
As Paralympic Sports Promoter
As CMO of the Event  
2009 IPC AS World Championship

As Paralympic Sports Scientist  
2004 IPC Alpine Ski SAEC
Attachment 1. Classification LW 10

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

Number of subjects: Total 80 skiers (data from 3 races)

(LW10:16 LW11:25 LW12:12 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 : 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 groups.

- 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 2003-2004 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.  

![Graph showing analysis results]
Step 2.
Securing Commitment in Bid Stage
Commitment in 2010 bid

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

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

NewDeals © PyeongChang
Plan for Paralympic Sports Development in KOREA


PrePara PrePara-X ADP (Actualizing the Dream Project)

Included in Bid Commitment

The "Actualizing the Dream project, a comprehensive seven-year plan for the planning, preparation and promotion of the 2018 Paralympic Winter Games, will be supported by the IPC and organized exclusively by POCOG. A budget of USD 17.5 million will be allotted to the project.

Step 3. Preparing Paralympic Medical Service
Essentials in Preparing Event Medical Service

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 as 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

<table>
<thead>
<tr>
<th>Executive body</th>
<th>Sports Physician in Hospital</th>
<th>Team Physician</th>
<th>Event Physician</th>
</tr>
</thead>
<tbody>
<tr>
<td>Client</td>
<td>Any persons with sports injury</td>
<td>Athlete, coach, team officials</td>
<td>+ work force, spectator, media ...</td>
</tr>
<tr>
<td>Service in/at</td>
<td>Clinic or Hospital</td>
<td>Field of Play, Athlete village, referring Hospital</td>
<td>Venue, Athlete village, referring hospital</td>
</tr>
<tr>
<td>Relationship with Event</td>
<td>Performance of Athletes</td>
<td>Performance of Athletes Decision about return to play</td>
<td>Impact on the progress of the Event</td>
</tr>
<tr>
<td>Main Role</td>
<td>Clinician for definitive care</td>
<td>Team Health Care</td>
<td>Event workforce</td>
</tr>
</tbody>
</table>
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

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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
Additional Consideration in Paralympics
Paralympic Sports:

New Sports, New Athletes

Never experienced situation
Accessibility – Essential!

Additional service for Paralympics
Additional service for Paralympics

Secure additional safety
Secure additional equipment

secure additional transportation
**Additional Medication/Supplies**

Medication for Autonomic Dysreflexia

Eye Clinic and Optometric Medical Supplies

- Urinary catheter
- Pressure Sore dressing kit
- Vacuum Splint

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**Clinical Service for Safeguarding – consider for future game**

Safeguarding athletes from harassment and abuse in sport
Key Factors during Transitional Period

Retaining Experienced personnel
Retaining Momentum

감사합니다.
Thank you.
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Thank you.