

ULSS (LOCAL HEALTH AUTHORITY) 20 VERONA

International Relations Office

BEPRASA

*“Best Practices in Prevention of Skiing
Accidents in Europe: The New Challenge
(Be.Pra.S.A.)”*

&

The Charter of Turin on Skiing Safety

Juridical Forum on Snow: from Snow Rights to Snow Laws

Bormio, 1-3 December, 2006

Legal project manager:

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ULSS 20 Company of Verona - International Relations Office -

- ✍ International Relations Office:
Main reality inside health Companies in Italy

- ✍ Staff:
15 professionals with experiences at international level

- ✍ European Programming:
Total value budget for projects 11 million Euro

- ✍ Training:
Since 2005, 700 U.C. Physician Managers have been trained

- ✍ Consulting:
EC, International Cooperation, Bodies

- ✍ International Relations:
WPAI, EuroSafe, *Task Forces* and *European Partners*

- ✍ Publications:
Social-Health Project, European project

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Skiing accidents world-wide – some figures

BEPRASA	Europe			Extra-European countries
	Italy	France	Switzerland	USA
Year	Number of accidents per year			
2004/2005	30,000	51,000	70,000	71,000

Sources: **Istituto Superiore di Sanità (Higher Institute for Health) – Italy**
SNOSM – Systeme National d’Obervation e la Securità en Montagne (National System for Observation and Safety on the Mountain) – France
BFUBpaUpi – Ufficio Svizzero per la prevenzione degli infortuni (Swiss Office for the Prevention of Accidents) – Switzerland
CPSC – Consumer Product Safety Commission – USA

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Current situation in the European Union

- ✍ Scarce standardization*
of skiing accidents preventive measures **within** and **among** Member States
- ✍ Non standardized data*
which complicate the comparative statistic analysis



Prevention is penalized by the lack of valid “*Good Practices*” in Europe.

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Be.Pra.S.A.: General aspects of the project

- Title:** *“Best Practices in Prevention of Skiing Accidents in Europe: The New Challenge (Be.Pra.S.A.)”*
- Budget:** 360,395.00 Euro (60% EC co-financing)
- Duration:** 2005-2008
- Main partners:** ULSS20 Verona, *Italy* (leading Country)
Istituto Superiore Sanità (Higher Institute for Health), *Italy*
KfV Vienna, *Austria*
CSI Administration, *Holland*
Public Health Institute Ljuljana, *Slovenia*
Psytel Paris, *France*

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Be.Pra.S.A. – Objectives

- ✍ Data collection:
 - epidemiology of skiing accidents
 - preventive measures

- ✍ Propose good practices to the Community

- ✍ Diffuse the results

- ✍ Promote prevention in Europe

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Be.Pra.S.A. – Activities



1. Charter of Turin – XX Winter Olympic Games

2. Study Design and Bibliographic Research

3. Analysis of data detection tools (SDR)

- SDR collection and analysis in Europe
- Identification of Minimum Data Set (MDS)

4. Data collection on skiing accidents

5. Data collection on Safety measures

6. Diffusion and networking

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Be.Pra.S.A. – Activity 1

The Charter of Turin

The Charter was drawn up by a Committee of experts and specialists delegated by Governments that worked with the coordination staff of TOROC, BE.PRA.S.A. and Istituto Superiore di Sanità.

The Charter does not have the aim to set forth new rights with legal value, but rather to link freedom and existing essential principles and diffuse them more clearly to citizens and institutions.

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Be.Pra.S.A. – Activity 1. The Charter of Turin

✍ **XX Winter Olympics, Turin, 5 February, 2006**

✍ **Panel of experts at international level**

✍ **Sponsorship and coordination of TOROC
(Comitato Olimpico Torino – Turin
Olympic Committee)**

✍ **Be.Pra.S.A. and Eurosafe
promoters and managers in charge
of diffusing the Charter**

Good practices

?

Rules standardization

?

**Right to safety, information and education
stakeholders**

?

Infrastructures and materials

?

Common universal vision

?

?

?

Vulnerable groups

Development of knowledge

Collaboration among

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The Charter of Turin – Art. . Objectives of the Charter

✍ Common universal view

✍ Global safety rules and standards

✍ Reduce the fees relative to skiing accidents

✍ Promote sports activities by stimulating safety

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The Charter of Turin – Art. 2 Stakeholders

- ✍ Athletes*
- ✍ Companies operating in the sector*
- ✍ Non-profit organisations*
- ✍ Organisations operating within the framework for promoting health and safety*
- ✍ Governments (regional, national, international)*

The Charter of Turin – Art. 4-5 Vulnerable subjects and Children

- ✍ Additional measures for groups/ individuals vulnerable/disabled subjects*
- ✍ Special care towards children*

The Charter of Turin – Art. 6 Operative areas

- ✍ Training and information*
- ✍ Related equipment and services*
- ✍ Related infrastructures and services*

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The Charter of Turin – Art. 8 Right to Safety

- ✍ *Right not to be subject to damages caused by unsafe services, structures, materials, or by the improper behaviour of others*
- ✍ *Right to access services, structures, materials, [etc.], that comply with high safety standards*

The Charter of Turin – Art. 9 Right to Training and Information

Information on risks and preventive measures, standards, conduct rules, [etc]:

- ✍ *Clear and easy to be comprehended by the public*
- ✍ *Positive and encouraging*
- ✍ *Useful*

The Charter of Turin – Art. 10 Right to Choice

- ✍ *Among a range of products and services with high safety standards*
- ✍ *Right to choice according with good practices*

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The Charter of Turin – Art. 11 Responsibilities of individuals

- ✍ *Codes of conduct*
- ✍ *FIS (Federazione Italiana Sci = Italian Skiing Federation) regulations*

The Charter of Turin – Art. 12 Responsibilities of Governments

- ✍ *Development*
- ✍ *Implementation and enforcement*
- ✍ *Evaluation*

The Charter of Turin – Art. 13-14 Knowledge development/Capacity building

- ✍ *Dedicated Institutions (research, consulting, diffusion of information)*
- ✍ *Identification or risk factors, quantification of problems*
- ✍ *Sustainable communication and information systems*

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The Charter of Turin – Art. 15 Collaboration among stakeholders

- ✍ *Collaboration among researchers, professionals, managers at decisional level*
- ✍ *Collaboration between private and public sector*
- ✍

The Charter of Turin – Art. 16 Collaboration at regional, national, international level

The Charter of Turin – Art. 17 Good Practices

- ✍ *Ongoing monitoring, evaluation, exchange of experiences*
- ✍

The Charter of Turin – Art. 18 Legal standardization

Legal standardization ? **Adoption of Good Practices**

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Be.Pra.S.A. – Activity 2
Study Design and Bibliographic Research

Study Design

*Definition of methodological base of research, in collaboration
with the Partners and in coordination with
the “Istituto Superiore di Sanità”*

Bibliographic research

*Literature update (studies/researches/statistical data)
on skiing accidents and preventive measures,
in concert with the partners of the project:*

- ? At international level*
- ? At national and regional level in the Country's language*

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Be.Pra.S.A. – Activity 3 **Analysis of data detection tools (SDR)**

In Europe:

There are various collection, elaboration and data collection procedures

?

Within the same Country

Examples:

IT-SIMON (ISS) and SUED (FISPS)

?

among Countries

?

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Analysis of data detection tools (SDR)

Example: Comparison between SDR in France – Italy – Slovenia

Slope difficulty

School slope	SL (different scale), IT
Blue	SL, IT
Red	SL, IT
Black	SL, IT

Main detected differences

Equipment

	SL (Type of skiing), IT
Mountaineering	FR1
Snowboard	SL, IT, FR1 ?
Telemark	SL, FR1
Nordic	SL, IT, FR1
Other	SL, IT, FR1

✍ Detection differences in the same country (e.g. FR and FR1)

✍ Differences between countries:
- different detected fields
- different classifications

Type of Accident

Fall	FR, SL, IT ?
Collision with person	SL, IT, FR1
Collision with mobile obstacle	SL, IT, FR1
Collision with fixed obstacle	SL, IT, FR1
Jump	FR, SL
Other	FR, SL, IT

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Be.Pra.S.A. – Activity 4 **Collection and analysis of data on skiing accidents**

Data collection

- ✍ **WHERE:** Skiing stations in the Alpine area
- ✍ **WHEN:** 2006/2007 and 2007/2008 skiing seasons
- ✍ **METHODOLOGY:**
 - Identification of collection centres;
 - contacts and agreements with collection centres;
 - data collection, introduction and transmission



Data analysis

- ✍ Data elaboration and analysis
- ✍ Comparison of collected data:
 - historical series (by Country)
 - cross-section (among Countries)
- ✍ Comparison between results obtained with *pilot tests* (SIMON) and other MDS

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Be.Pra.S.A. – Activity 5 ***Data collection on Safety measures***

*Questionnaire focused on safety equipment and organisation
present on a sampling of skiing stations.*

Collection of information on organisational and structural measures for guaranteeing safety of skiing facilities



Analysis and comparison with accident indicators identified by rescue teams on ski slopes



Identification of accident risk (or protection from) factors in skiing areas and evaluation of the potential efficacy of existing safety measures

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Be.Pra.S.A. – Activity 6 ***Diffusion and networking***

Over 300 public and private bodies, experts, and operators of the sector contacted:

- ✍ *Database* constantly being updated

Events in which Be.Pra.S.A. and the Charter of Turin have been presented:

- ✍ XX Winter Olympics in Turin, 5 February, 2006
- ✍ International *workshop* on collection of data on accidents/injuries (risk evaluation on non alimentary Services and Products) – European Commission, Brussels, 20-21 February, 2006
- ✍ 1st European Conference on Safety Promotion and Prevention of Accidents – Vienna, 25-27 June, 2006
- ✍ Combined meeting of European Work Group and Government Experts on Accidents and Injuries – European Commission, Luxemburg, 12 October, 2006

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