



# ***BENEFITS PROVIDED BY A MEDICAL CENTER TO A SKI RESORT***

***SITEMS CONGRESS 2018  
AROSA***

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*CENTRE MÈDIC ORDINO-ARCALÍS*

*VALLNORD*

*ANDORRA*



# Where is ANDORRA?

EUROPE

SOUTH OF FRANCE  
NORTH OF SPAIN



# ABOUT ANDORRA:



LITTLE STATE WITH 77.000 RESIDENTS

468 KM2 (ONE/EIGHTY-EIGHT SURFACE OF SWITZERLAND'S AREA)

AVERAGE ALTITUDE 2000 m

LANGUAGE: CATALAN

CURRENCY: EURO

ORIGINAL NAME OF ANDORRA = AL DARRA (FOREST)

NACIONAL SPORT: SNOW SPORTS





ANDORRA

# SKI AREAS

2 MAIN SKIING AREAS WITH 8 SKI RESORTS

200 SLOPES (300 km)

1.400 SNOW CANNONS

SKI ALTITUDE: 1.300m to 2.625m

# ARCALÍS-VALLNORD-ANDORRA



# STUDY MADE FROM 2003 TO 2017 IN ANDORRA

# 8 MEDICAL CENTERS LOCATED IN THE BASE OF THE SKI AREAS

## **VALLNORD SKI AREA HAS 3 MEDICAL CENTERS**

- ORDINO-ARCALÍS
- PAL
- ARINSAL

## **GRAND VALIRA SKI AREA HAS 5 MEDICAL CENTERS**

- PAS DE LA CASA /GRAU ROIG (2)
- SOLDEU/EL TARTER (3)

**THERE IS JUST ONE MAIN HOSPITAL, LOCATED IN ANDORRA LA VELLA**

MEDICAL CENTERS OF THE SKI  
RESORT ARE ALL LOCATED IN THE  
BASE OF THE SKI AREA

MEDICAL CENTER ACCESS →

- SNOW SPORTS
- SNOW MOTORBIKE
- RESCUE SLED/TOBOGGAN
- BY THEIR OWN FEET
- HELICOPTER







CENTRE MEDIC

SERVEI MÈDIC

CENTRE MÈDIC

CENTRE MÈDIC

ENTRADA CENTRE MÈDIC



# MEDICAL CENTER EQUIPMENTS

Emergency room

X-Ray and Ecography room

Trauma & Plaster room

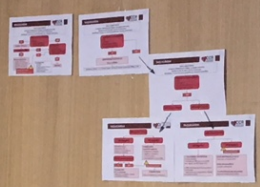
Medical team (Doctor+nurse)

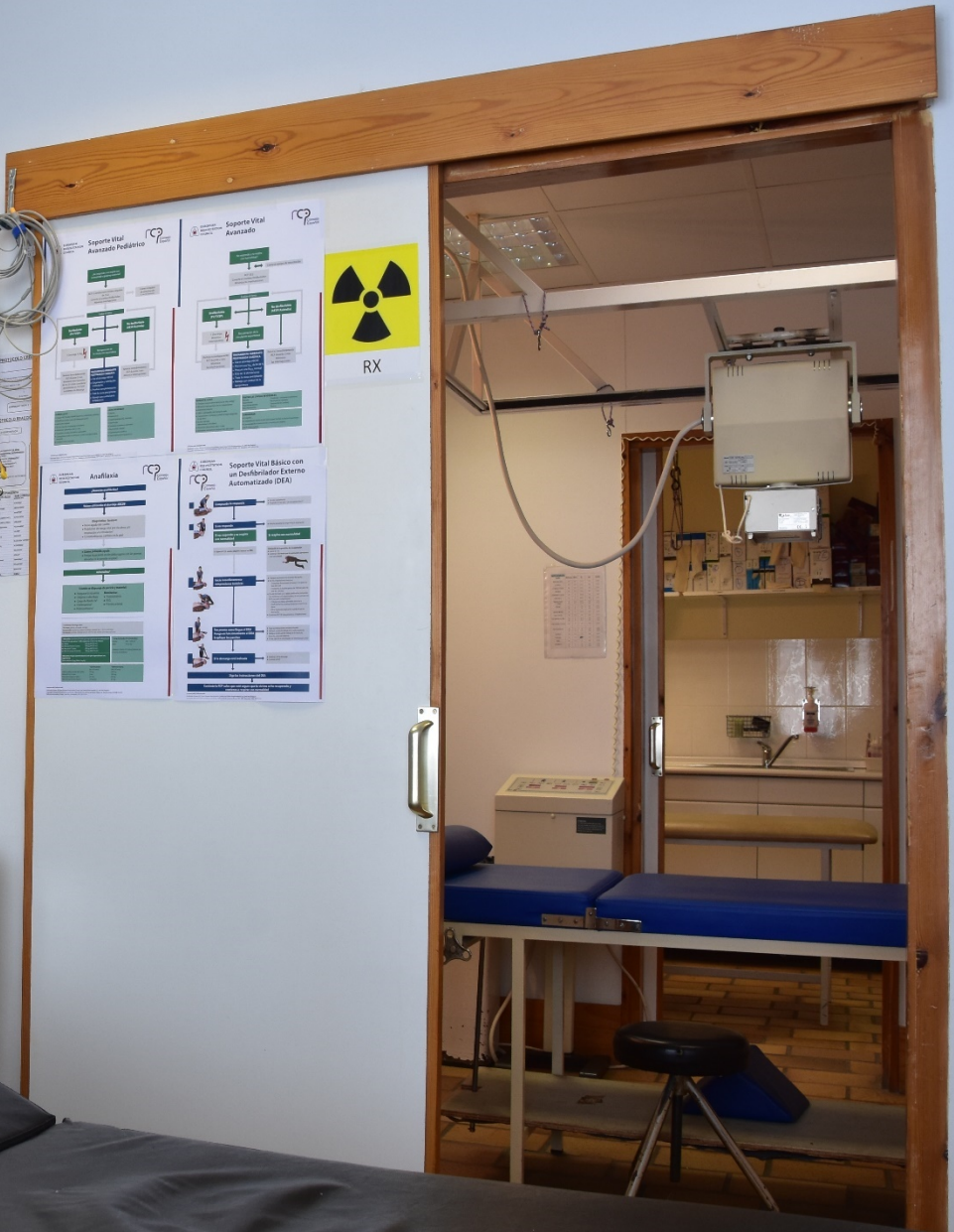
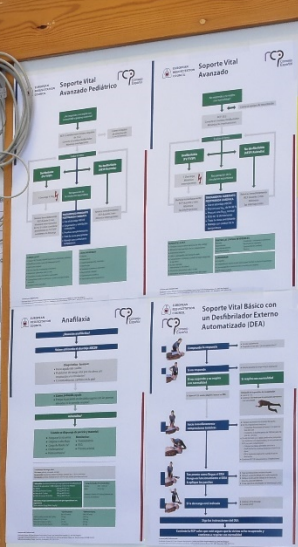




PELATINES  
ECG

MONICARD LARGES  
TIRE - ELECTROCARDIOL













Andorra

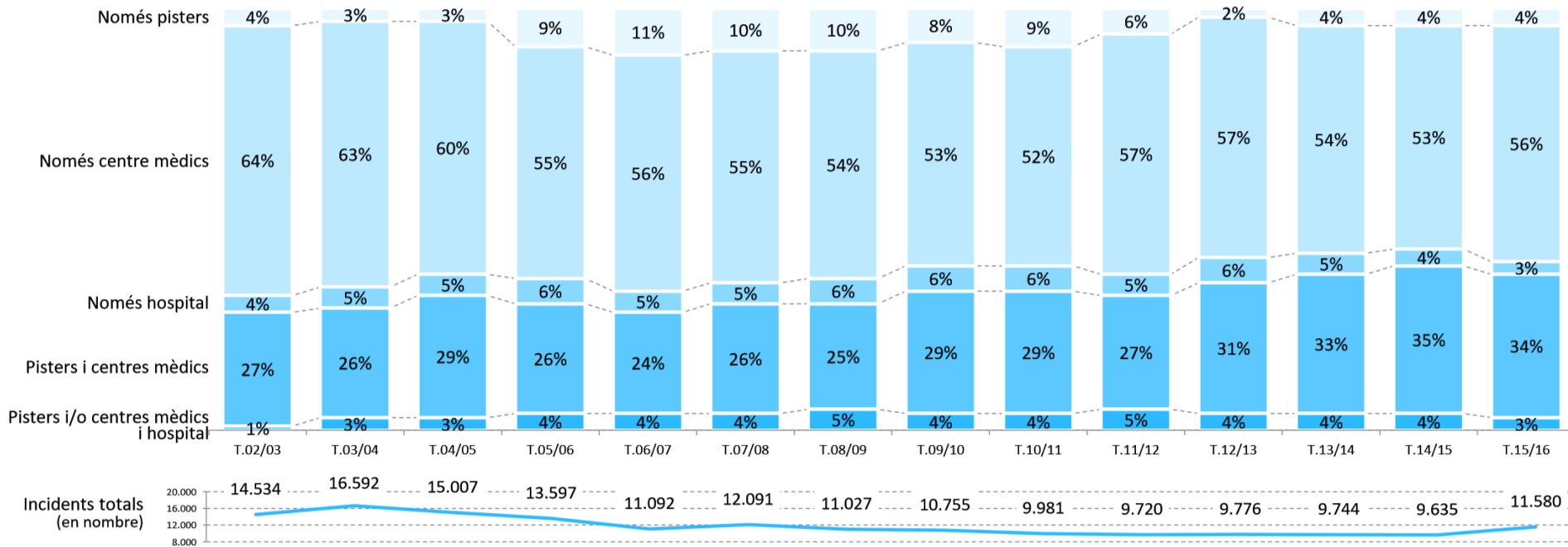
ORDINO-ARCAL

Vista ECA  
Cual. Anestesia

6.  
7.  
8.  
9.  
10.



**PRESENTACIÓ**  
**UNIFICACIÓ DE LES BASES DE DADES D'INCIDENTS**  
**PROCEDÈNCIA DE LES DADES**



**Andorra SKI statistics between 2003-2017 :**

**Total ski passes sold in the last 15 years: 35 Millions**

**Total injuries : 173.000**

**Index injuries: 5‰**

**Hospital transfer: 5%**

**+/- 8.650 injuries**



2015



2.347.876 SKI PASSES SOLD

9.635 Injuries Index: 4 ‰

96% Injuries partially or totally solved in  
the Medical Center of the ski area

4% Sent to the hospital



2016



2.599.313 SKI PASSES SOLD

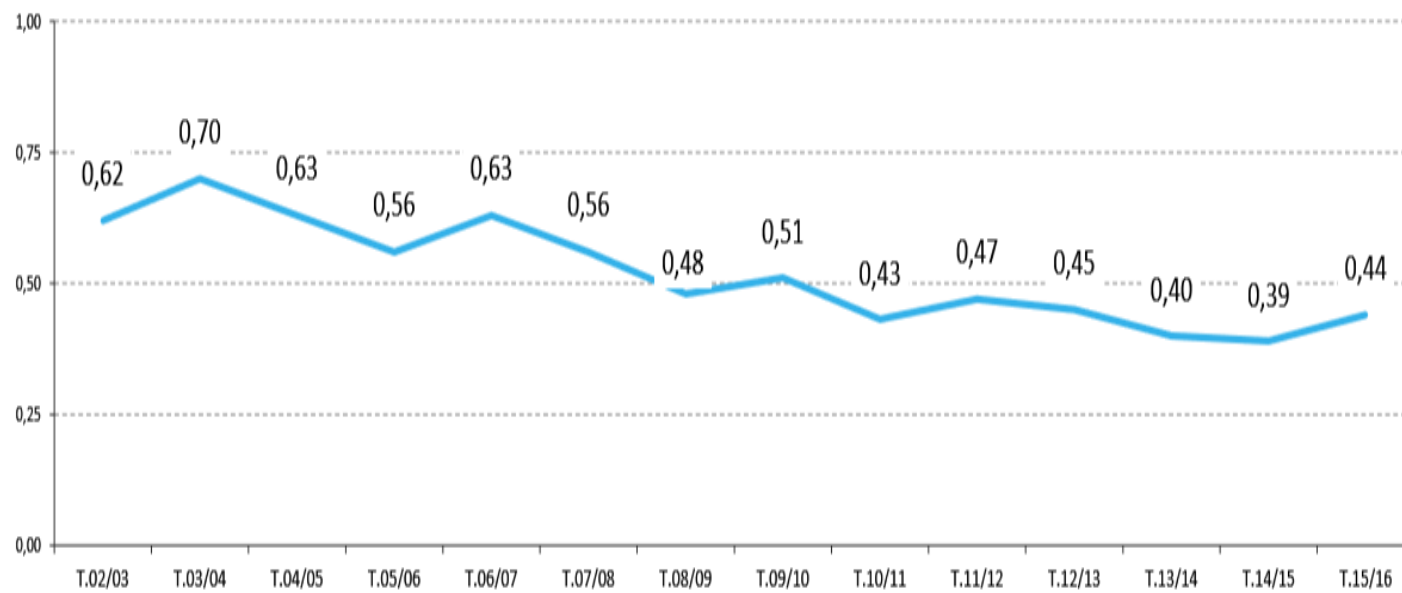
11.580 Injuries Index: 4.4 ‰

97% Injuries partially or totally solved in the Medical Center of the ski area

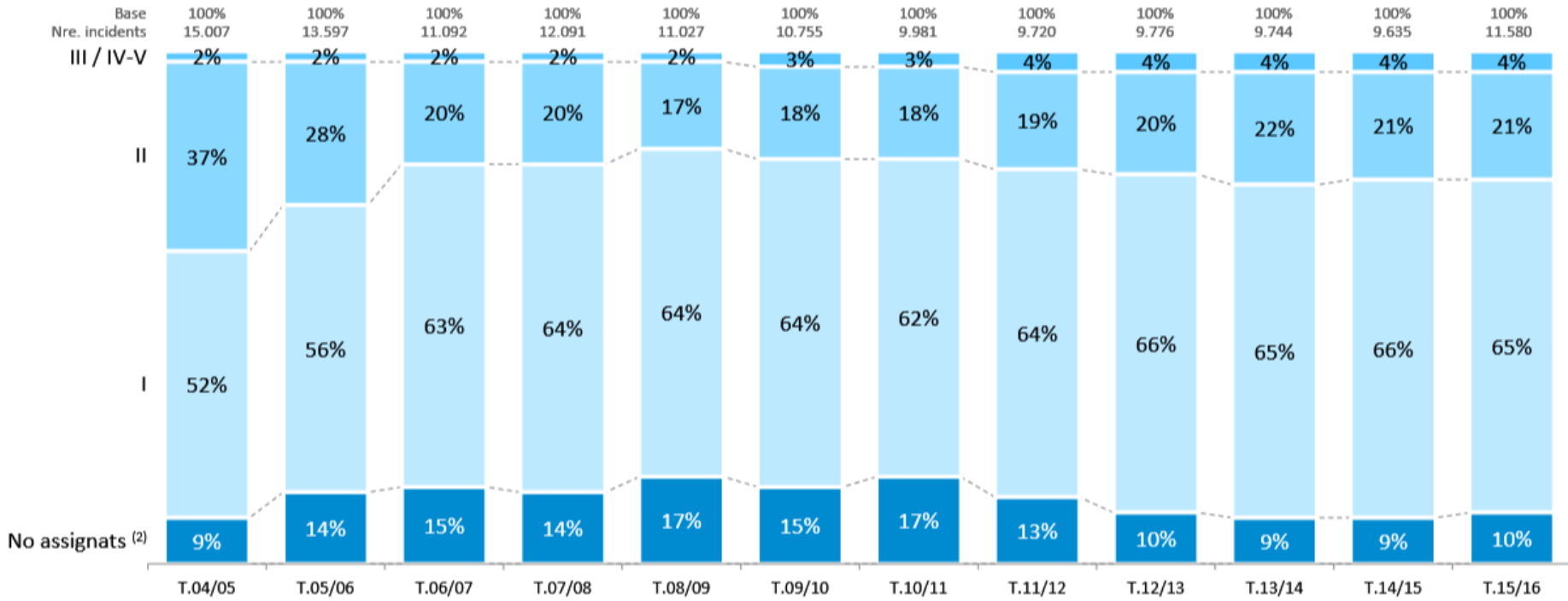
3% Sent to the hospital



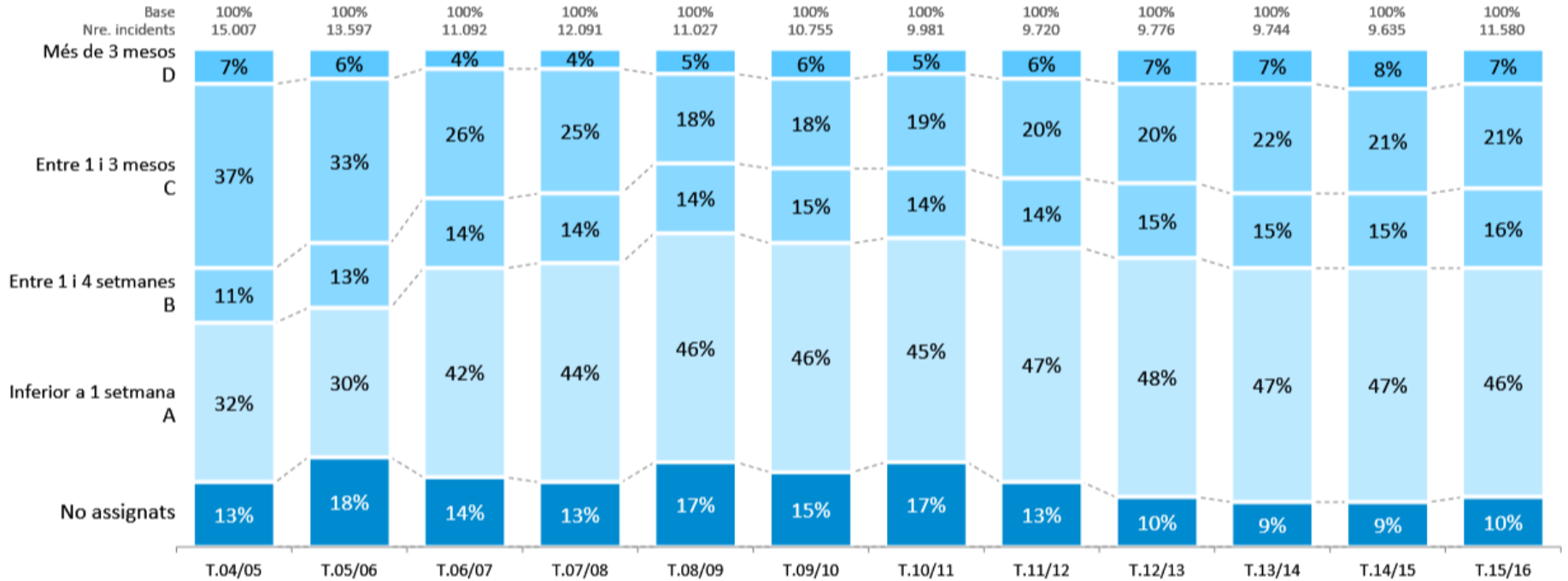
## ACCIDENT RATE



# SEVERITY RATE



# TIME OF HEALING



## **CONCLUSIONS / TO END IT UP:**

**Benefits medical centers located in the base of ski areas**

- FASTER MEDICAL ASSISTANCE**
- THE PATIENT IS MORE COMFORTABLE**
- SPECIFICITY OF THE TREATMENT**
- LOWER SOCIAL EXPENSES**
- 95% OF THE PATIENTS ARE DISCHARGED**
- ONLY 5% DERIVED TO THE HOSPITAL**

# SPECIAL THANKS TO SKI PATROLS





THANK YOU ALL  
FOR YOUR KIND  
ATTENTION

