The Use Of SNOMED CT In The Registry And Standardization Of Allergies And Adverse Reactions In Portugal
PORTUGUESE REALITY

~10 MILLION CITIZENS

54 PUBLIC HOSPITALS

359 PRIMARY CARE UNITS

90% RUNNING SPMS ICT SOLUTIONS (ADT AND EHR)
PORTUGUESE MINISTRY OF HEALTH

CLINICAL GUIDANCE

IT GOVERNANCE AND TECHNICAL IMPLEMENTATION

FINANCIAL RULER
SHARED SERVICES FOR MINISTRY OF HEALTH (SPMS)
SHARED SERVICES FOR MINISTRY OF HEALTH (SPMS)

SPMS is a public enterprise created in 2010 (Decree-Law 19/2010 of 22 March), functioning under the guardianship of the Ministries of Health and Finance.

Its aim is to provide shared services to organisations operating specifically in the area of health, in order to “centralise, optimise and rationalise” the procurement of goods and services within the NHS – in the areas:

- PURCHASING AND LOGISTIC
- FINANTIAL SERVICES
- INFORMATION AND COMMUNICATION SYSTEMS AND TECHNOLOGIES
- HUMAN RESOURCES
- TELEHEALTH
SHARED SERVICES FOR MINISTRY OF HEALTH (SPMS)

- CCM SNS – Centro de Controlo e Monitorização do SNS - Maia
- SPMS Porto
  Datacenter and Information Systems
- SPMS Lisboa
  Financial Services, Human Resources, Communication, Public Procurement, Information Systems
- Centro de Contacto do Serviço Nacional de Saúde | SNS24 - Lisboa
- CYBERSPACE
  www.spms.min-saude.pt
ALLERGIES

~30-40% PEOPLE IN THE WORLD
Affected by hypersensitivity diseases

>2 MILLION PEOPLE IN PORTUGAL
Have some form of allergy

>2 MILLION PEOPLE IN PORTUGAL
Have some form of allergy
## PORTUGUESE CATALOG FOR ALLERGIES AND ADVERSE REACTIONS

**Powered by**

### SNOMED CT

The global language of healthcare

### CPARA

*in production since 2012

<table>
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<tr>
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### PORTUGUESE CATALOG FOR ALLERGIES AND ADVERSE REACTIONS

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<th>Type</th>
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<th>SINÓNIMO 2</th>
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<td>Alergia alimentar</td>
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<td>Alergia alimentar é uma reação alérgica a um alimento ou substância usada na alimentação.</td>
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<td>Leite, queijo e manteiga</td>
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<td>Adverse Reaction</td>
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<td>Anaphylaxis (disorder)</td>
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<td>Anafilaxia</td>
<td>Reação anafilática</td>
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<td>Anafilaxia é uma reação alérgica aguda e grave que começa subitamente, entre menos de um minuto e até algumas horas após a exposição a um alergénio, ao qual a pessoa desenvolveu hipersensibilidade, e que pode ser fatal.</td>
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<td>Grave</td>
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<td>Grave</td>
<td>Reação de hipersensibilidade aguda e potencialmente fatal.</td>
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</table>
PORTUGUESE CLINICAL TERMINOLOGIES CENTER
PORTUGUESE PATIENT SUMMARY – ALLARMISTIC

59 warnings related to patient’s prior allergic reactions send out to doctors every day.

*In 2019, there were on average **1760 warning per month** from January to March.
PORTUGUESE PATIENT SUMMARY

1. Centralized and standardized record of allergies and adverse reactions

2. Centralized patient registry

3. Centralized institution’s and medical prescriptions registries.
PORTUGUESE PATIENT SUMMARY
PORTUGUESE PATIENT SUMMARY
PORTUGUESE PATIENT SUMMARY - ALLERGIES IN BIG NUMBERS

93 759 Allergies registered in Hospital settings

2 531 Cases of allergic reactions to broad spectrum penicillin

1 200 Allergic reactions triggered by mites

729 Allergic reactions due to polen

*Information maintained in the Allergies Registry in Portugal is also made available to the public, anonymized, for research purposes.
PATIENT AT THE CENTER
2 240 256

Users
*in October 2019
CITIZEN’S PORTAL IN NUMBERS

- **371,549** eCitizens that check information on NHS benefits
- **224,681** eCitizens that provided Emergency Contact
- **289,750** eCitizens that saved health habits in Health Questionnaire
- **11,073** eCitizens that have checked Medical Exams Results

* data until 01.07.2019
MyNHS WALLET

ALLERGIES CARD
PATIENT AT THE CENTER – Across Borders

By the end of 2019 Portugal will be able to share patient summary data crossborders
PUTING IT ALL TOGETHER
More Sharing, Better Health

Thank You!

Filipe.mealha@spms.min-saúde.pt