

# 201940 The use of SNOMED CT for Immunization in Portugal and for Cross-Border Care

Cristiano Marques, Shared Services of the Ministry of Health (Portugal)

## Co-authors

1. Rui Pereira

## Summary

Portugal has an electronic vaccination system where all registries are coded in SNOMED using a work done by the Center of Clinical Terminologies in Portugal where the national vaccine code with SNOMED CT was mapped. This information is transmitted to health information systems and for cross-border.

## Audience

Clinical, Health Professionals, Governmental Entities, Citizens, Health Informatics Professionals., Policy/administration

## Learning Objectives

1. Sharing good practices in the use of SNOMED CT
2. Show how to foster link Clinical Terminology Center and National mobile EHR project teams
3. SNOMED CT as an enhancer of cross-border care
4. Integration between central vaccination system, local systems and mobile APP used by more than 400000 Portuguese

## Abstract

Portugal has an electronic vaccination system that allows any health professional (doctor or nurse) to access electronic vaccine bulletin with all pass vaccination historical information and record new vaccination. Additionally, vaccines that are administered in ambulatory pharmacies are equally integrated in the electronic vaccines bulletin.

The Citizen can access these registries through the NHS website secure area and the Health App (MySNS Wallet) both updated in real time. In addition, you can receive automatic alerts and warnings (ex: next vaccine).

All registries are coded in SNOMED using a work done by the Center of Clinical Terminologies in Portugal in which the national vaccine code with SNOMED CT was mapped. This information is transmitted for example to health information systems installed from and into hospitals and / or primary health care units. In addition, as a public health measure, the aim is to ensure that all students of the public and private schools have the National Vaccination Plan up to date and for this the information contained in the national vaccine system is used as the source of truth for this status, and that information is being linked directly to school Information systems.



Finally, in the cross-border care setting, under the eHSI services in EU space, the Patient Summary is sharable of all Portuguese, and it contains a small set of this information, as Vaccines are part of the Dataset. In Portugal for the transmission of this information with internationally accepted codes SNOMED CT is used.