

Title: Imaging Procedures National Catalogue in Uruguay

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Audience

Stakeholders and professionals interested in working on imaging procedures national catalogues that will set up a National Extension.

Objectives

To show the interdisciplinary process in order to set up a National Imaging Catalogue and its representation in SNOMED CT.

Abstract

The aim of Programa Salud.uy is to strengthen the National Comprehensive Coverage Healthcare System, supporting the creation of the assistance network through the use of information and communication technologies, developing means to facilitate the citizen's access to high-quality health care services. Regarding this matter, safe communication networks, electronic health records models, national catalogues and an interoperability platform are being developed. The National Imaging Catalogue is a crucial component of the National Electronic Health Record and emerges in the context of healthcare services complementation strategy in the imaging area, in particular for the Comprehensive Imaging Diagnosis Network, created with the purpose of standardize and set up imaging procedures in Uruguay.

The catalogue was based, as a critical input, on master tables which health care providers were already using. After that, the tables were merged to create the first version of the national catalogue. The process continued with the filtering of duplicated concepts, standardization of descriptions and quality assessment against international catalogues, in order to create a unique master table of imaging procedures at a national level.

Next, those procedures were related to SNOMED CT and those concepts which were not found in the international version were created in the National Extension under the supervision of experts in the area. In a second review, synonyms and preferred terms were incorporated for every item of the catalogue.

Finally, an imaging reference set was created in the National Extension under the SNOMED CT Model Component hierarchy and it was made available for Affiliate Licensees through the Member Licensing and Distribution Service (MLDS-IHTSDO). The subset consists on nearly 500 procedures, 20% of whom were created in the national extension.