Session 5. Global rare disease policies and programs



Institute of Rare Diseases Research (IIER)
Institute of Health Carlos III, Spain

International Conference of Orphan Drugs and Rare Diseases - ICORD

Cape Town, South Africa, Oct, 19th-22th, 2016









Global approach

- National
 - SpainRDR
 - Australia, France, Italy

— ...

- Supranational
 - TREAT-NMD
 - RD-CONNECT
 - GRDR
 - JRC European Platform



Registries are not

- Databases
- A collection of cases
- A proof of concepts

Registries are

- Information systems
- Based on observational study designs
- Several aims and rules
- Long-term perspectives



What do we consider if we want to build a patient registry?

- Full Cooperation (NHS & SS; Researchers; Industry and Patient Organizations)
- Main challeging topics
 - Case ascertainment /sources of information
 - Reliabble data & completeness
 - Validity
 - Sustainability

SpainRDR: A Spanish national experience and also an IRDiRC project



Types of registries



Populationbased

Surveillance Planning Etiology



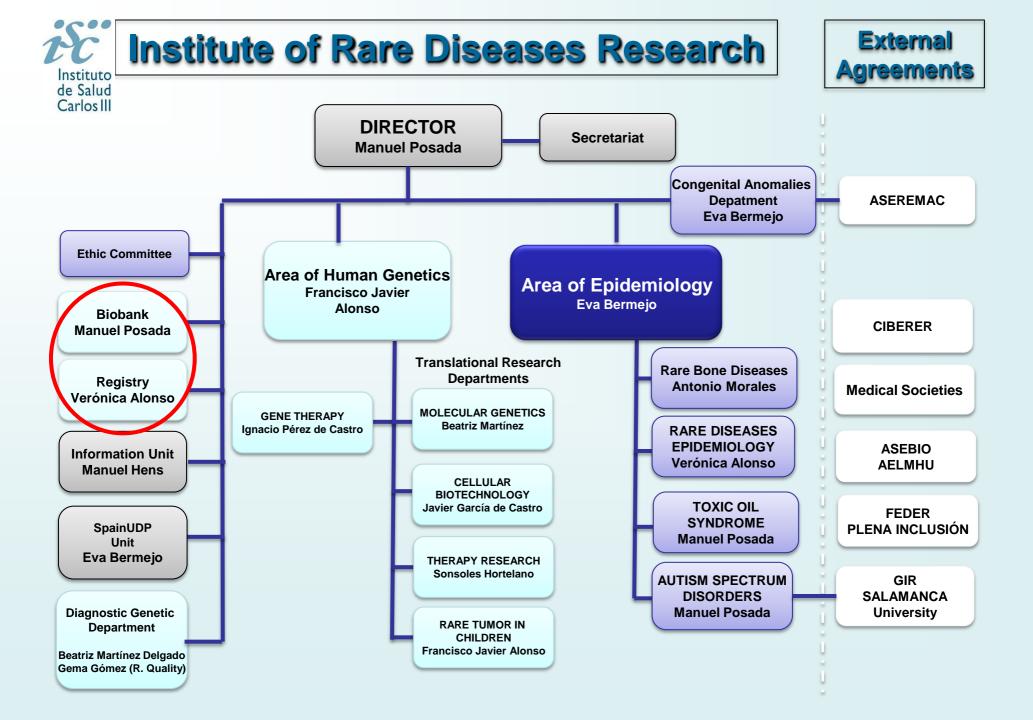
Patients

Participation
Autonomy
Access
Empowerment



Patients registry

Therapeutic Bioamrkers Outcomes





NHS Rare Diseases Strategy 2014

- 1. Rare Diseases Information
- 2. Prevention
- 3. Health Care
- 4. Therapies
- 5. Social care
- 6. Research
- 7. Training

Estrategia en Enfermedades Raras del Sistema Nacional de Salud

SANIDAD 2013

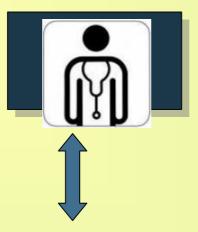
MINISTERIO DE SANIDAD, SERVICIOS SOCIALES E IGUALDAD



Patients



Scientific Researchers and Clinicians



Regional Health Authorities (Autonomous Communities)



Patients registry -

Population-based registry

RESEARCH

HEALTH PLANNING AND POLICIES

Natural history of the disease

Follow-up

Clinical Trials (recruitment)

Biological samples

SPANISH NATIONAL REGISTRY OF RARE DISEASES IIER - ISCIII

Prevalence

Incidence

Mortality

Natural history of the disease

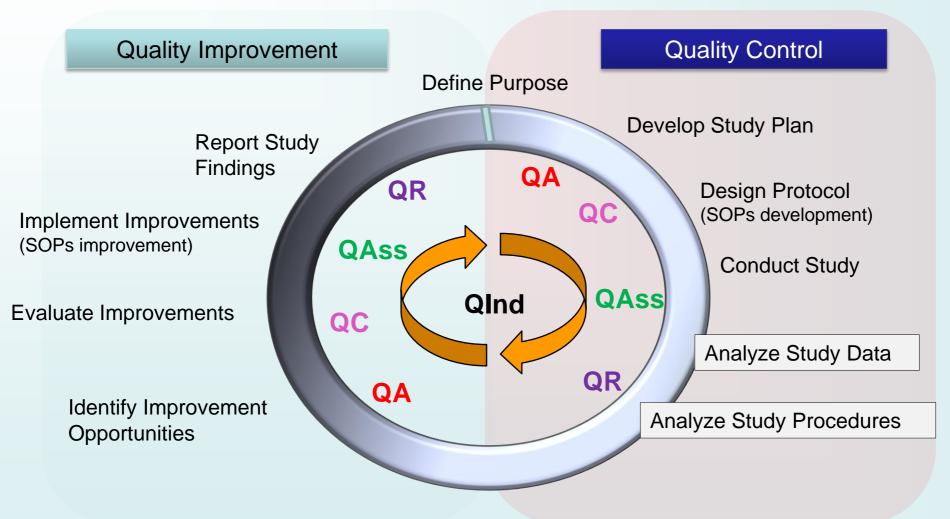


Data

- Reliable and interoperable
 - Common data elements
 - Phenotype Ontologies: HPO & ORDO
 - Classifications SNOMED-CT; ICD10-CM
 - Clinical terminology- UMLS
 - GUID/PUID
- Completeness To have data is costly

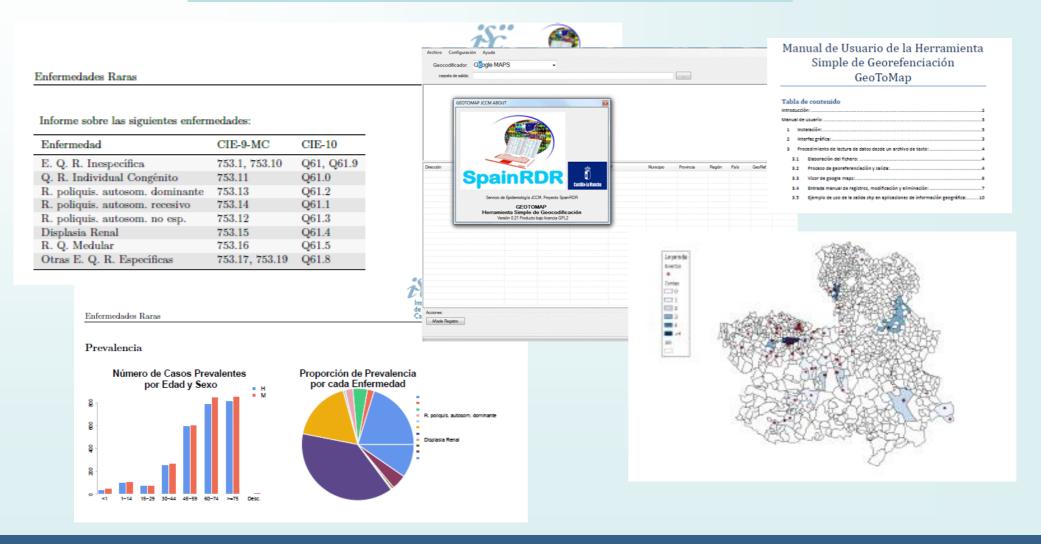


Defining a quality assessment framework





Create tools for analyses vs to use standard tools





SpainRDR

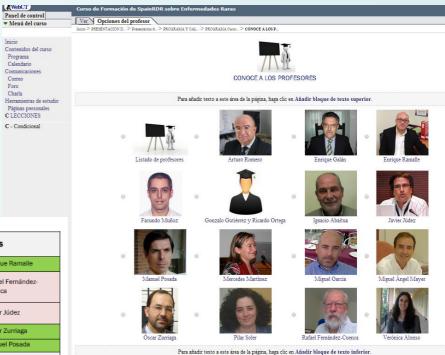
Curso SpainRDR 2013

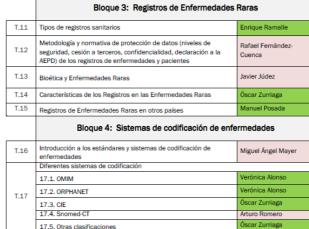
Docentes pertenecientes a la red SpainRDR

Colaboradores ajenos a SpainRDR

	Bloque 1: Visión global sobre las Enfermedades Raras		
T.1	Conceptos generales sobre Enfermedades Raras	Manuel Posada	
T.2	Abordaje de los pacientes con Enfermedades Raras desde la consulta de Atención Primaria	Miguel García Ribes	
T.3	Genética y Enfermedades Raras	Enrique Galán	
T.4	Acciones europeas y Enfermedades Raras	Manuel Posada	
T.5	Normativa y legislación sobre Enfermedades Raras	Pilar Soler	
T.6	Normativa y legislación sobre Medicamentos Huérfanos	Mercedes Martínez	
	Bloque 2: Bases de datos		
T. 7	Formatos de datos y tipos de variables	Facundo Muñoz	
T. 8	Dificultades de análisis, métodos apropiados e indicadores de Enfermedades Raras	Grupo de Ó. Zurriaga	
T.9	Análisis estadístico y epidemiológico de bases de datos	Gonzalo Gutiérrez Enrique Ramalle	
T.10	Aplicaciones para carga y explotación automática de datos e intercambio seguro de información	Ignacio Abaitua	

Training on-line





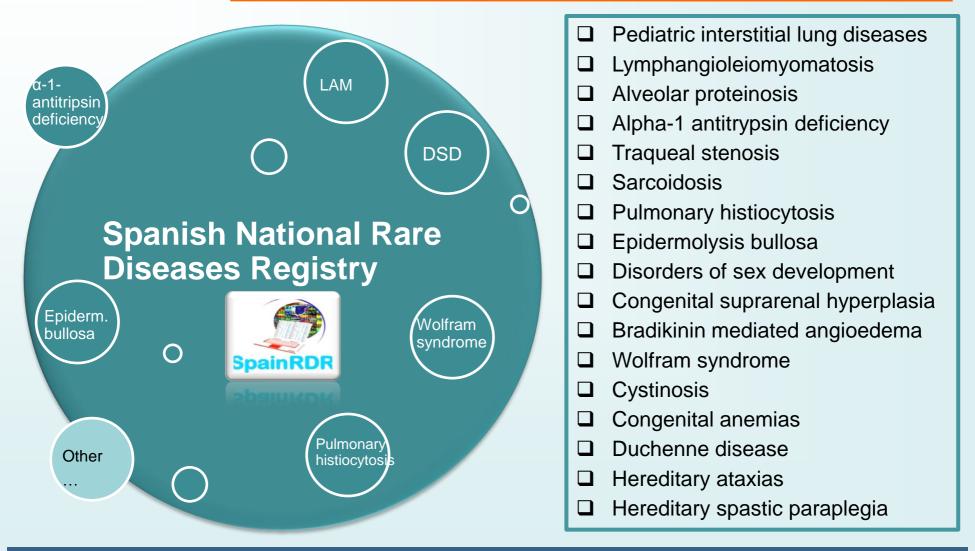


Sustainability

- ELSI framework
- Full Cooperation
- Full stakeholders engagement

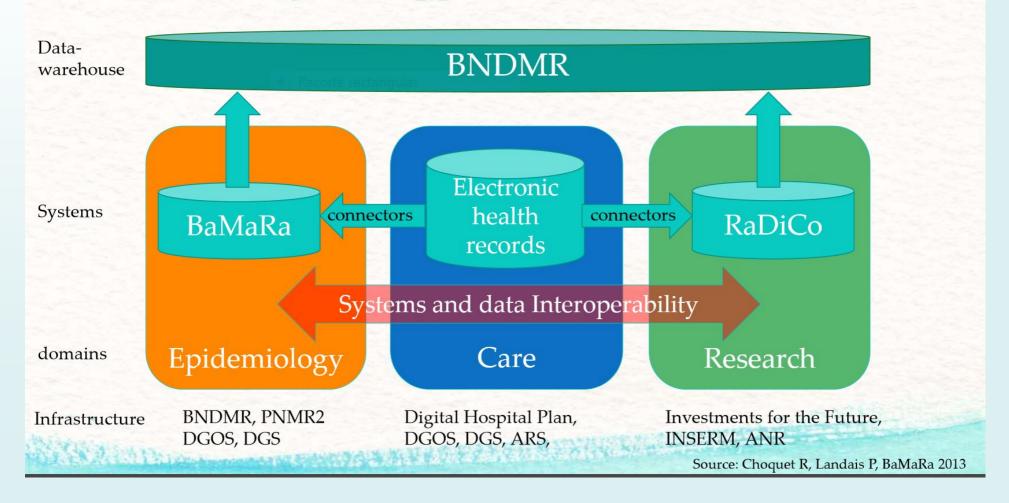


Patient registries: current collaborations



French registry approach

An integrated approach for Rare Diseases





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About TREAT-NMD

All about the network

Resources

Tools and infrastructure

Research

Scientific and clinical

Care

Global best practice

Industry

Service overview

Disease Information



Advancing diagnosis, care and treatment for those living with **neuromuscular diseases** around the world...

NEWS C3 Announces RFA to Fund LGMD2A

Thursday, 20th October 2016

Post marketing surveillance

Collection of safety and efficacy data once a drug has received conditional marketing approval

Disease information

Myotubular and centronuclear myopathy disease section now live!

Imperatives of DMD

Latest!!

Find out about DMD care in 24 languages - including Slovak & Korean!

News

Events

Cellular Mechanism Discovery for SMA

Scientists University of Cologne uncover cellular mechanisms of SMA...

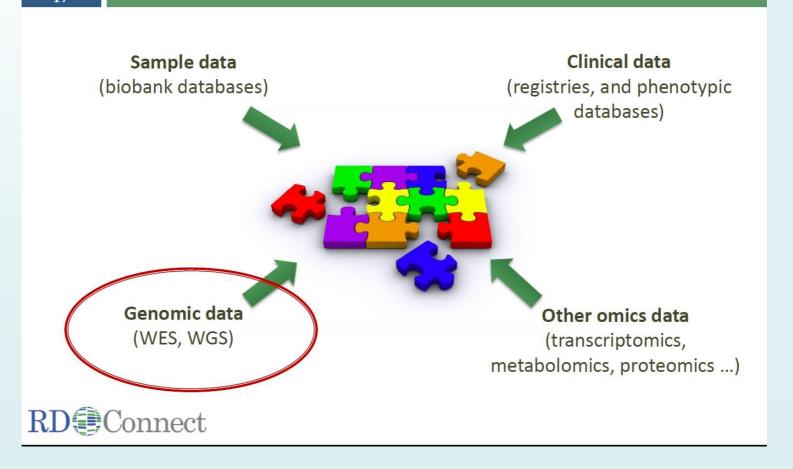


RD-CONNECT



Data integration

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Find out more about how your organization can collaborate with the GRDR to advance rare diseases research.

Henrietta Hyatt-Knorr, M.A. ₪

Home > About NCATS > NCATS Programs & Initiatives > The NIH/NCATS GRDR® Program







The NIH/NCATS GRDR® Program

The aim of the GRDR program is to develop a Web-based resource that aggregates, secures and stores de-identified patient information from different registries for rare diseases, all in one place.



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Find NCATS Programs & Initiatives

About the GRDR



Find out how GRDR experts are creating a resource for rare diseases researchers

Common Data Elements



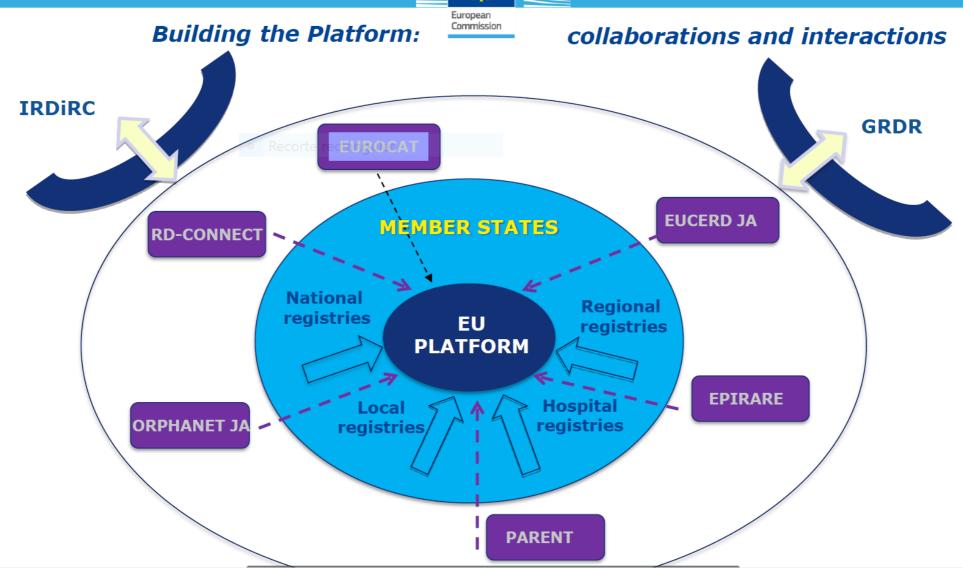
Learn about CDEs and why they are crucial to global patient registries.

GRDR Resources



Get more information about the GRDR and access data submission forms.







Summary

- RD Data sharing is challenging but also it is the future
- Recognize different approaches
 - To assess the best convenient
- Considering challeging topics
 - Case ascertainment/sources of information
 - Quality plan: reliability data & completeness
 - Interoperable
 - Validity
 - ELSI PUID
 - Sustainability



Thank you

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