

Interreg



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CATTEDRA

Progetto standard co-finanziato dal Fondo europeo di sviluppo regionale
Standardni projekt sofinancira Evropski sklad za regionalni razvoj

Better platform enables cross-border
cooperation in Cattedra project



CATTEDRA Case Study

Project Overview

Timeline

1

FIRST PHASE

- Analysis and implementation of the first 2 clinical registries for Juvenile Idiopathic Arthritis (JIA) and Juvenile Dermatomyositis (JDM).

- 23 forms were digitalized and in production since August 2021.

2

SECOND PHASE

- Analysis and implementation for additional 2 clinical registries: Systemic Lupus Erythematosus (SLE) and Auto-Inflammatory Disease (AID).

- 9 forms were created and digitalized. Additional forms were created, that are not specific to individual diseases: Laboratory results, Covid-19 survey, and Medications.

- Plan to go live March 2022.

3

THIRD PHASE

- Creating visuals of patient key clinical data for all 4 registries.

- Plan to go live March 2022.

Project Scope



Italian children's hospital IRCCS
Burlo Garofolo in Trieste



The Division of Paediatrics,
University Medical Centre
Ljubljana



Four clinical registries:
Juvenile Idiopathic Arthritis (JIA),
Juvenile Dermatomyositis (JDM),
Auto-Inflammatory Diseases (AID), and
Systemic Lupus Erythematosus (SLE)



Archetypes: 156
Total templates: 33

DOCUMENT
Juvenile Arthritis Multidimensional Assessment Report (JAMAR)
Assessment date: 11 Feb 2022, 08:18; Last updated: 11 Feb 2022, 08:22; Author: jama...

KRANJCI, Janez | 9 Jan 1990; 25a Yrs; ID: 00661970

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Juvenile Arthritis Multidimensional Assessment Report (JAMAR)

Parent's version

LEFT SIDE	Presence of pain or swelling	RIGHT SIDE	Presence of pain or swelling
Fingers	<input checked="" type="checkbox"/>	Fingers	<input checked="" type="checkbox"/>
Wrist	<input checked="" type="checkbox"/>	Wrist	<input checked="" type="checkbox"/>
Elbow	<input checked="" type="checkbox"/>	Elbow	<input type="checkbox"/>
Shoulder	<input checked="" type="checkbox"/>	Shoulder	<input type="checkbox"/>
Hip	<input type="checkbox"/>	Hip	<input type="checkbox"/>
Knee	<input type="checkbox"/>	Knee	<input type="checkbox"/>
Ankle	<input type="checkbox"/>	Ankle	<input type="checkbox"/>
Toes	<input type="checkbox"/>	Toes	<input type="checkbox"/>
Neck		<input type="checkbox"/>	
Lower back		<input type="checkbox"/>	

In case of exclusion:
 None in joints with pain or swelling

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Juvenile Arthritis Multidimensional
Assessment Report (JAMAR)

Challenges

- ⊖ Two hospitals with different digital maturities, treatment approach, and available data sets making data exchange difficult.
- ⊖ Relevant data needed for research was not collected systematically and was recorded on paper.
- ⊖ Data was stored in different systems, hence had to be compiled manually.

Solution

- ✔ Consolidated vendor-neutral clinical data repository.
- ✔ Better Platform is used to build, deploy, and manage care plans and registries across use cases and institutions.
- ✔ Better portal and registry specific models are used as the basis for the solution.

Benefits

- ⊕ Systematic and effortless collection and management of patient data.
- ⊕ Data is entered only once and then made accessible to medical teams according to their needs.
- ⊕ Structured data used for further analysis, resulting in improved understanding of the diseases.
- ⊕ Agility and vendor independence.



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Lead partner

Project partners



COBIK
Center odličnosti za biosenzoriko,
instrumentacijo in procesno kontrolo

