HarmonicSS Vision

An International Network and Alliance of partners and cohorts, entrusted with the mission of addressing the unmet needs in primary Sjögren’s Syndrome

An ICT environment designed to enable secure storage, governance, analytics, access control and controlled sharing of information at multiple levels along with methods to make results of analyses and outcomes comparable across centers and sustainable through Rheumatology scientific associations

HarmonicSS Consortium

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HarmonicSS Project

HARMONIzation and integrative analysis of regional, national and international Cohorts on primary Sjögren’s Syndrome (pSS) towards improved stratification, treatment and health policy making disease

This project has received funding from the European’s Union Horizon 2020 Research and Innovation Programme under Grant Agreement No 731944 and from the the Swiss State Secretariat for Education, Research and Innovation SERI under grant agreement 16.0210.
Data providers (data controllers) can log into the platform (through the user access management module).

Data processors can log into the platform and gain access to a variety of provided data analytics services (through the data analytics services module).

Clinical data are uploaded only if they fulfill all the necessary GDPR (General Data Protection Regulation) and pSS-related quality requirements (through the data sharing assessment module).

Harmonization transforms an heterogeneous dataset into a homogeneous one by mapping the ontology of the heterogeneous dataset to the HarmonicSS reference model (through the cohort data harmonization module).

Data processors can upload data models and/or algorithms and evaluate them on the HarmonicSS clinical cohort data.

HarmonicSS modules

01. Data providers (data controllers) can log into the platform (through the user access management module).

02. Data processors can log into the platform and gain access to a variety of provided data analytics services (through the data analytics services module).

03. Clinical data are uploaded only if they fulfill all the necessary GDPR (General Data Protection Regulation) and pSS-related quality requirements (through the data sharing assessment module).

04. Harmonization transforms an heterogeneous dataset into a homogeneous one by mapping the ontology of the heterogeneous dataset to the HarmonicSS reference model (through the cohort data harmonization module).

05. The data processors can upload data models and/or algorithms and evaluate them on the HarmonicSS clinical cohort data.

06. The data processors can execute the HarmonicSS data analytics services on the cohort data of interest by requesting access to the corresponding data providers.