SHARED CONDITION OVERVIEW

User Stories

Version list			
Date	**Author initials**	**Version nr.**	**Version comments**
July 2024	TRI/TMS	1.0.0	First draft
Sep 2024	TRI/TMS	1.0.0	Final version after review

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Background and purpose

The general practitioner's (GP) electronic medical record (EMR) system is the collection point for the patient's diagnoses, as it contains diagnoses registered in general practice and diagnoses received in discharge summaries from hospitals. In the period 2022-2024, a new condition overview function has been implemented in the GP EMR systems which makes it possible to select diagnoses to be displayed on a list called the "diagnosis card", which conveys an overview of the patient's current state of health and conditions including relevant conditions history. The patient's general practitioner is responsible for selecting diagnoses to be shown on the condition overview in consultation with the patient.

In parallel with the implementation of the condition overview, the Danish Health Data Authority (Sundhedsdatastyrelsen) analyzed the needs for and benefits of sharing the condition overview across the entire health sector in Denmark. The User Stories listed in the table below attempt to summarize the identified user needs described in the analysis. The User Stories describe the user needs of a view-only on-demand shared condition overview without the possibility of saving or enriching the patient's condition overview with data from recipient systems. The Danish Health Data Authority's analysis includes needs for a diagnosis database enabling secondary use of diagnostic data in population studies. These needs are not described in this document.

The minimum data that should be displayed (if available) in the recipient system is:

- Diagnosis codes: ICPC and ICD10
- Diagnosis text: ICPC or ICD10 (only one text)
- Additional text of the diagnosis (e.g. HOCUS)
- The date of registration of the diagnosis (or date of import from e.g. discharge summary) in general practice
- Type of diagnosis: treatment course or single consultation
- Category of diagnosis: current or relevant (historic but still relevant)
- Date of onset of diagnosis (if registered)
- Diagnosis/treatment completion date (if registered)
- Date of last update/change/edit of the condition overview
- Clinic that has performed the latest update of the condition overview

The GP is responsible for keeping the condition overview updated in the EMR system in consultation with the patient. Thus, it is important that the GP is aware of his or her role as a "unifying" doctor for all the patient's diagnoses registered across the entire health sector.

What is a User Story?

A user story is an informal, general wish or need for features or functions in a software/system described from the user's perspective. A user story consists of a few sentences in simple language that describe the end user's needs without technical details.

User stories describe the needs of the end user to help the system developer understand the context of the development task: what is the reason for developing this feature in the system and what value will it provide to the end user?

User stories are listed in a tableformat according to the following template:

- Person/Who: "As a..."
- Need/what: "I want..."
- When/where: "When..." (may be optional)
- Purpose/Why: "So that..."

<u>User stories are not a requirement specification of system functionality, but a basis for a subsequent preparation of the requirement specification.</u> All the end-user's needs should be listed regardless of whether they are subsequentially included in the system's functionality. A remarks column is added to the table below, containing comments about the user story's inclusion in the 1st version of the technical solution.

User Stories for sharing diagnoses from general practice

ID	As a	I want	when	so that	Remarks and limitations
	General practitioner	To be able to securely share the patient's condition overview with the rest of the healthcare sector	I have selected the diagnoses that provide a comprehensive overall picture of the patient's state of health	Other therapists can benefit from the overview of the patient's health conditions	
	Patient	All clinicians and healthcare personnel in the healthcare system to have access to my condition overview	I need to receive medical treatment or care	I don't have to be responsible for remembering and communicate my diagnoses and conditions	Initially, only the latest condition overview will be shared. If a patient has several condition overviews from different clinics, only the most recently updated overview is shared.
	Patient	To be able to see my condition overview	I have consulted with my GP and my condition list has been updated	I can view which conditions have been selected to be shared with the rest of the healthcare sector	Initially, only the latest condition overview will be shared. If a patient has several condition overviews from different clinics, only the most recently updated overview is shared.
	Patient	To see which healthcare department or clinic is the origin of my diagnosis	I need to check if my hospital diagnoses have been shared with my GP	I can follow up on my hospital diagnoses with my GP	This information is not shared with the diagnosis from the GP's EMR and is therefore not included in the first version of sharing the condition overview
	Patient	My condition overview to be shareable between GP EMR systems	I change my GP	My new GP does not have to register my condition overview from scratch	It is not possible to transfer condition overviews between GP EMR systems – this is therefore not included in condition overview sharing v1.
	Patient	To have the possibility of blocking all or selected diagnoses from being shared on my condition overview	There are diagnoses on my condition overview that I do not want shared with the rest og the healthcare sector	I am in control of which diagnoses should be shared – without having to consult with my GP	It is not technically possible to block the sharing of individual diagnosis from the GP's EMR system - this is therefore not included in condition overview sharing v1.

ID	As a	I want	when	so that	Remarks and limitations
	Patient	to look up information on specific diagnoses in the online patient handbook on sundhed.dk directly from the condition overview	I need more information about a diagnosis	I avoid having to search for and sort through information about my diagnosis in browsers on the internet	This is possible if the diagnosis have at least a valid ICD10 code
	Hospital clinician or specialist	To view the patient's shared condition overview	I consult the patient	I have access to the latest information about the patient's overall health condition	The v1 of the shared condition overview will be available to other healthcare professionals at sundhed.dk via DDS/NSP.
	Hospital clinician or specialist	To view the patient's shared condition overview in my own EMR system	I consult the patient	I have easy and direct access to the latest information about the patient's overall health condition in my own EMR	The v1 of the shared condition overview will only be available to other healthcare professionals at sundhed.dk via DDS/NSP.
	Hospital clinician or specialist	To look up information on specific diagnoses in the online doctor's handbook directly from the condition overview	I need more information about a diagnosis	I don't have to navigate between the condition overview and the online doctor's handbook to look up additional information	This is possible if the diagnosis have at least a valid ICD10 code
	Municipal health personnel	To view the patient's shared condition overview	I provide healthcare for the patient	The healthcare plan can be adapted to the patients overall condition and health	The v1 of the shared condition overview will be available to other healthcare professionals at sundhed.dk via DDS/NSP. Most municipal healthcare systems can link between the patients record and sundhed.dk.
	Municipal health personnel	To view the patient's shared condition overview in my own healthcare record system	I provide healthcare for the patient	I have easy and direct access to the latest information about the patient's overall condition and health when planning healthcare for the patient	The v1 of the shared condition overview will only be available to other healthcare professionals at sundhed.dk via DDS/NSP.