

## **eHealth platform – G19 report**

### **Sumehr functional description**

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#### **Abstract**

This document aims to provide the functional description of the sumehr 1.1.

By 'functional description' we only suppose a description of the content of the sumehr (viewed as a document). The use cases of this document are not described in this note. The requirements for the management of the sumehr by the GP softwares are also out-of-scope of this short note.

This description is independent of the KMEHR representation of the sumehr content.

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## Functional description

Concept	Purpose and fields	Cardinality
Creation date	Describes when the medical content was gathered	1-1
Patient	<p>A SUMEHR is related to one patient. This patient is identified by its INSS number.</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• INSS[1-1]</li> <li>• Family name [1-1]</li> <li>• First names [1-*</li> <li>• Sex [1-1]</li> <li>• Birth date [1-1]</li> <li>• Usual language [0-1]</li> </ul>	1-1
Author	<p>A SUMEHR has one author. This author usually a general practitioner identified by a INAMI/RIZIV number.</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• INAMI/RIZIV number[1-1]</li> <li>• Family name [1-1]</li> <li>• First names [1-*</li> <li>• Address [0-*</li> <li>• Telecom contact [0-*</li> </ul>	1-1
Risks	<p>Allergies, adverse drugs reactions, social factors, other</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• Label [1-1] : textual description</li> <li>• Type[1-1] : allergy, adverse drug reaction, social factor or other</li> <li>• IBUI code [0-1]</li> <li>• ICPC2 code [0-1]</li> <li>• ICD 10 code [0-1]</li> <li>• Other codification with source reference [0-*</li> </ul>	0-*
Contact	<p>Patient related person (family, etc ...)</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• Family name [1-1]</li> <li>• First names [1-*</li> <li>• Address [0-*</li> <li>• Telecom contact [0-*</li> </ul>	0-*

<p>Healthcare professional contact</p>	<p>Healthcare professional contact.</p> <p>Fields:</p> <ul style="list-style-type: none"> <li>• RIZIV number [0-1]: if available</li> <li>• Family name [1-1]</li> <li>• First name [1-1]</li> <li>• Address [0-*</li> <li>• Telecom contact [0-*</li> <li>• Role [1-*] : specialty of the healthcare professional</li> </ul>	<p>0-*</p>
<p>GMD/DMG owner</p>	<p>Manager of the DMG/GMD. It can be a healthcare professional identified by an INAMI/RIZIV number or a 'medical practice' identified by a INAMI/RIZIV number.</p> <p>Fields (if physical person):</p> <ul style="list-style-type: none"> <li>• RIZIV number [1-1]</li> <li>• Family name [1-1]</li> <li>• First name [1-1]</li> <li>• Address [0-*</li> <li>• Telecom contact [0-*</li> </ul> <p>Fields (if practice):</p> <ul style="list-style-type: none"> <li>• RIZIV number [1-1]</li> <li>• Name [1-1]</li> <li>• Address [0-*</li> <li>• Telecom contact [0-*</li> </ul>	<p>0-1</p>
<p>Problems</p>	<p>Any current problem, diagnostic or care element.</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• Label[1-1] : textual description</li> <li>• IBUI code [0-1]</li> <li>• ICPC2 code [0-1]</li> <li>• ICD 10 code [0-1]</li> <li>• Other codification with source reference [0-*</li> <li>• Begin moment [1-1]: specifies when the problem started</li> </ul>	<p>0-*</p>
<p>Relevant passive care elements</p>	<p>Any relevant patient past problem, diagnostic or care element.</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• Label [1-1] : textual description</li> <li>• For medical antecedents <ul style="list-style-type: none"> <li>○ IBUI code [0-1]</li> <li>○ ICPC2 code [0-1]</li> </ul> </li> </ul>	<p>0-*</p>

	<ul style="list-style-type: none"> <li>○ ICD 10 code [0-1]</li> <li>• Other codification with source reference [0-*</li> <li>• Begin moment [0-1]: specifies when the problem started</li> <li>• End moment [0-1]: specifies when the problem ended</li> </ul>	
Active Medications	<p>Current patient's medications.</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• Name [1-1]</li> <li>• Code CNK [0-1] :CNK must be used if it is available</li> <li>• Code ATC [0-1]</li> <li>• Administration information [0-1]</li> <li>• Begin date [0-1] : when the treatment starts</li> <li>• End date [0-1] : when the treatment ends</li> </ul>	0-*
Administrated vaccines	<p>Administrated vaccines</p> <p>Fields :</p> <ul style="list-style-type: none"> <li>• Indication from normalized list [1-*</li> <li>• Name [0-1]</li> <li>• Code CNK [0-1]: CNK must be used if it is available</li> <li>• Code ATC [0-1]</li> <li>• Begin moment [0-1] : when the vaccine has been administrated</li> </ul>	0-*
Patient's wills	Therapeutic limitation expressed for the patient	0-*