

UC-301 (ATH-UC-15): Consult the therapeutic exclusions of a patient using a SAML token via the GetTherapeuticExclusion method - the SOAP version

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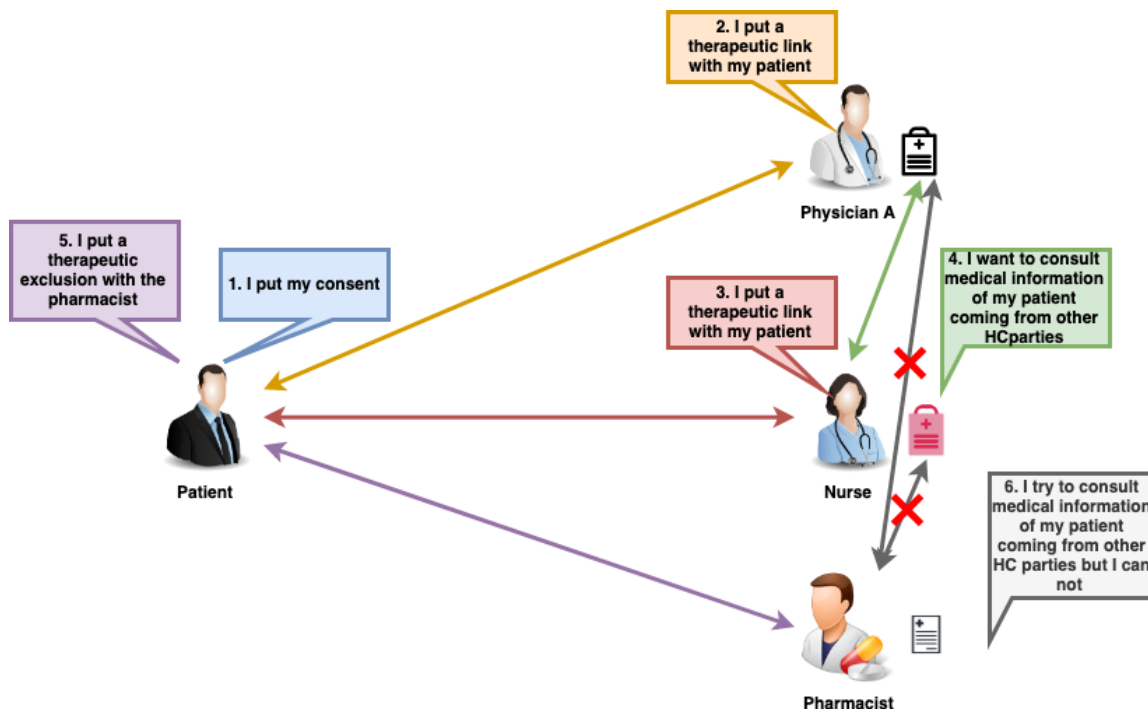
Used documentation

Cookbook/ materials	Version	Location
Therapeutic Exclusion Cookbook	1.2	https://www.ehealth.fgov.be/ehealthplatform/fr/data/file/view/ddac01f047142783690a4e7fa39019bfd0615e81?name=Therapeutic%20Exclusion%20WS%20-%20Cookbook%201.2%20dd%2025102018.pdf
Identity & Authorization Management (IAM) Token eXchange Technical specifications	1.0	https://www.ehealth.fgov.be/ehealthplatform/nl/data/file/view/83dd54fee269ec086696b0290d242907c6e9f994?name=IAM%20Connect%20Token%20eXchange%20-%20Tech%20Specs%20v1%20-%20004072018.pdf
KMEHR	-	https://www.ehealth.fgov.be/standards/kmehr/en

General information

In the figure below, we present a logical view about the relationship between the three basic services of the ehealth platform that are the WS Consent, the Therapeutic link WS, and the Therapeutic exclusion services. A Therapeutic link can be managed by the following end-users:

- Citizen: a patient, a parent of a patient, a mandatory



In order, to manage the Therapeutic Exclusions, it exists the following three methods (it is noteworthy that in this use case only the GetTherapeuticExclusion method is used):

- The "PutTherapeuticExclusion" method allows an end-user to declare a therapeutic exclusion.
- The "RevokeTherapeuticExclusion" method enables an end-user to revoke an active therapeutic exclusion.
- The "GetTherapeuticExclusion" method allows an end-user to consult the active therapeutic exclusions.

Basic flow

Flow		Specification
<div> <div>Consult the therapeutic exclusion of a patient flow chart</div> <pre> graph TD subgraph Mobile_application [Mobile application <<Client>>] Start([Start]) ClientRequest[The client sends a GetTherapeuticExclusion request] ClientResponse[The client receives information about the therapeutic exclusion(s) of the patient] End([End]) end subgraph IAM_connect [IAM connect] IAMRequest[The IAM connect sends the request to the Therapeutic Exclusion WS] IAMResponse[The IAM connect receives the response and sends it to the client] end subgraph Therapeutic_exclusion_WS [Therapeutic exclusion WS] WSFind[The Therapeutic exclusion WS finds information about the therapeutic exclusion(s) of a patient] WSResponse[The Therapeutic link WS sends response to the IAM] end Start --> ClientRequest ClientRequest --> IAMRequest IAMRequest --> WSFind WSFind --> WSResponse WSResponse --> IAMResponse IAMResponse --> ClientResponse ClientResponse --> End </pre> </div>		U se case ID ATH-UC-15-BF
		U se case name Consult the therapeutic exclusions of a patient
		A ct ors <ul style="list-style-type: none"> Citizen (i.e. a patient, a parent of a patient, a mandatory)
		S h or t D es cr ip ti on In order to consult the therapeutic exclusions of a patient using the SOA-based version, it is important to use the Token exchange service in order to convert a JWT token into a SAML one (and vice versa).
		P r i o r i t y 1 (High) Must have: The system must implement this goal/ assumption to be accepted.

Pre-Conditions	<ul style="list-style-type: none"> • The user is already logged in via the Token exchange service • Information about the request (request identifier, end-user identifier, date and time of the request) • Information about the therapeutic exclusion: <ul style="list-style-type: none"> ◦ The identification the concerned patient ◦ Optionally, the first and last name of the patient ◦ Optionally, the identification of the excluded HCP <ul style="list-style-type: none"> ▪ if HCP is a professional: NISS*, NIHII (11 digits), category of the HCP*, the first and last name of the HCP ▪ if HCP is an organization: NIHII* (8 digits), category of the HCP*, the name of the HCP.
Post-Conditions	<ul style="list-style-type: none"> • Information about the response (response identifier, end-user identifier, data and time of the response, initial request) • An acknowledgement about the request completion (status of the completion, errors if exist) • Information about the list of the therapeutic exclusions (if there is no therapeutic exclusion, an empty list is returned) <ul style="list-style-type: none"> • if there is no specified HCP in the input: the list of all the therapeutic exclusions • if a HCP is specified in the input: the list of the therapeutic exclusion(s) corresponding to the given HC

Steps (basic flow)	1	The client sends a GetTherapeutic-Exclusion request
	2	The IAM connect sends the request to the Therapeutic Exclusion WS
	3	The Therapeutic exclusion WS finds information about the therapeutic exclusion(s) of a patient
	4	The Therapeutic link WS sends a response to the IAM
	5	The IAM connect receives the response and sends it to the client
	6	The client receives information about the therapeutic exclusion(s) of the patient
Exceptions (exception flows)		
		<ul style="list-style-type: none"> • Every time the end-user wants to consult the therapeutic exclusions of a given patient