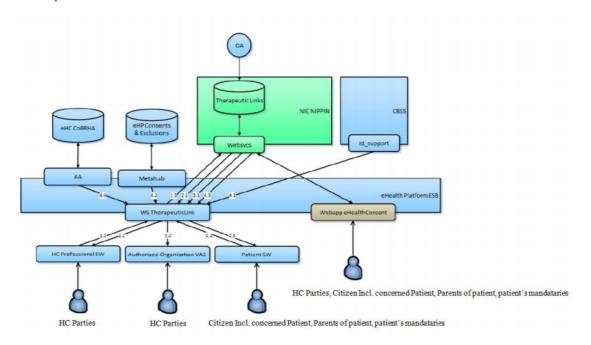
UC-251-Revoke TherLink-HC Prof pharmacy-no proof Used Documentation

Cookbook	Version	Location
Therapeutic Link WS Cookbook	1.6	https://www.ehealth.fgov.be/ehealthplatform/nl/service-ehealth-therapeutic-links

General Information

Therapeutic Links



Management of the Therapeutic Links:

- The eHealth consent WA will allow both patients (incl. patient's parents or mandataries) and authorized HC parties to manage the therapeutic links (declaration, revocation and consultation)
- The authorized HC parties, citizin (incl. concerned patients, parents of patients or patient's mandataries) are also able to perform the same operations throughout their usual software by calling the eHealth therapeutic link WS.
- The authorized HC organizations are only authorized to verify the existence of the therapeutic links before allowing the HC parties ti access the medical data of the patients by calling the therapeutic link consultation WS through their application.

The existence of a therapeutic relation is one of the fundamental prerequisites for the healthcare (HC) providers to access a patient's medical data. Therefore, the eHealth platform makes available to the actors

involved in the exchange, storage or referencing personal data, a relay service to manage those therapeutic relations and associated means of evidence.

This relay service is obviously limited to kinds of therapeutic links made available at the eHealth platform level by the 'owner' of this therapeutic link (such as the HC party declaring a therapeutic link or the actor responsible

of a recognized specific database, e.g. for Global Medical File relation). A therapeutic link is a relation between a patient and a HC party for a certain type of therapeutic

relation over a period of validity depending on the given evidence. It is not possible to update an existing the therapeutic link; to update information you first need to revoke the existing therapeutic link.

However, the period of validity of an active therapeutic link could be extended on the condition that

- The start date of the new period is greater or equal to the start date of the period to be extended
- The end date of the new period is greater than the end date of the period to be extended (overlap of period of validity)

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The following operations (request-response operation type) will support the management of these links:

PutTherapeuticLink	Used to declare the therapeutic links. Its main purpose is to allow one to declare a therapeutic link.
RevokeTherapeuticLink	Used to revoke the therapeutic links. Its main purpose is to allow one to "end" the (declaration of a) therapeutic link.
GetTherapeuticLink	Used to consult therapeutic links according to basic search parameters. Its main purpose is to allow one to check the existence of the therapeutic links when executing a consultation process
HasTherapeuticLink	Used to check the existence of a therapeutic link

The therapeutic links are managed according to the rules corresponding to the type of therapeutic link through:

- · Specific webservices (WS) by HC professionals as end-users through their usual software or through an authorized organization
- A dedicated web application (WA), currently called eHealth Consent with following end-users: Patients and HC professionals/ HC professionals within an organization

	Declare/Put	Revoke	Consult (Get)	Has
Citizen (patient, parent, mandatary)	Yes	Yes	Yes	Yes
Authorized HC Parties (HC professionals)	Yes	Yes	Yes	Yes
Authorized HC organizations	No	No	Yes	Yes

KMEHR

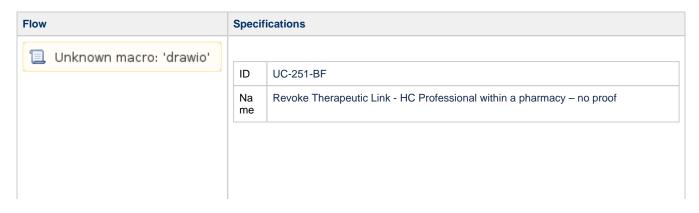
This service is a 'KMEHR-based' WS. We thus strongly recommend consulting the documentation related to the KMEHR normative elements. The KMEHR site aims to offer a central point for the documentation of the KMEHR normative elements.

https://www.ehealth.fgov.be/standards/kmehr/en

The three following generic elements are, in particular, essentials to build the request and the reply of the therapeutic link WS.

- cd : This is the key element used to code information: this section is completely based on the description from the KMEHR standard, as can be found on: https://www.ehealth.fgov.be/standards/kmehr/en/page/key-elements#cd
- id: This element is used to uniquely identify key elements like request, response of the WS, patient, HCParty. It can also be used to specify any unique identifier: this section is completely based on the description from the KMEHR standard, as can be found on: https://www.ehealth.fgov.be/standards/kmehr/en/page/key-elements#id
- HC Party: The hcparty element is a generic element that aims to represent any kind of healthcare party: organization, physician, medical specialty, or even IT systems: this section is entirely based on the description from the KMEHR standard, as can be found on: https://www.ehealth.fgov.be/standards/kmehr/en/page/hcparty

Basic Flow



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Des cript ion	Revoke Therapeutic Link is a service used to revoke a therapeutic link between a patient and a HC party. HC Professional within a pharmacy acts as author of the Revoke Therapeutic Link.
	No proof is given. Certificate used to access the WS Therapeutic Link is the eHealth Certificate of the pharmacy.
Acto r(s)	HC Professional within a pharmacy
Req uire men ts	 End-user is a HC professional within a pharmacy End-user manages the therapeutic links throughout his usual software Valid eHealth Certificate of the hospital e-ID card of concerned patient Identification HC professional
	°Identifier pharmacy: NIHII, HC party category
	°Identifier pharmacy holder: SSIN, NIHII (if available), HC party category
	 Identification concerned patient: SSIN, Support card number (optional), first and family name (optional) Identification concerned HC party: NIHII (8digits), HC party category, Organization name (optional) Type of therapeutic link: non-referral
	Start date (optional)End date (optional)
	Comment to justify the revocation (optional)
Trig ger	User wants to revoke a therapeutic link.
Pre con ditio n(s)	 The user has an account for the application The user is logged out
Flow	 The user attempts to access the eHealth WS Therapeutic Link The user needs to request a SAML Token by using it's personal eHealth Certificate A request for a SAML Token is sent to the Secure Token Service (STS) The STS responds with a SAML Token The user has access to the eHealth WS Therapeutic Link The user does a request for Revoke Therapeutic Link The Revoke Therapeutic Link Request is sent to the WS Therapeutic Link The given therapeutic link, if found, is revoked in the eHealth Database & All overlapped period of validity of the same relation are revoked The request is logged The WS Consent responds with a Revoke Therapeutic Link Response
Post Con ditio n(s)	 The given therapeutic link, if found, is revoked in the eHealth Database All overlapped period of validity of the same relation are revoked
Test Data	 Example Revoke Therapeutic Link Request Example Revoke Therapeutic Link Response Example Revoke Therapeutic Link Response - Unsuccessful
	Therapeutic Links Database

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Re mar ks	 Start date: If provided then the start date must be equal to the start date of the active relation else the request is rejected (not found) else (not provided) then the revocation is applied on any active therapeutic relation corresponding to the input criteria i.e. patient, hcparty, therapeutic relation type End date: (must be interpreted as 'revocation date' and not the end date of the relation)
Addi tion al Infor mati on	If the support card number is provided, then they must be valid and compliant

Alternative Flow

Flow	Specif	ications
Unknown macro: 'drawio'		
E officiowit macro, drawlo	ID	UC-251-AF
	Na me	Revoke Therapeutic Link - HC Professional within a pharmacy who isn't the pharmacy holder- no proof
	Des cript ion	Revoke Therapeutic Link is a service used to revoke a therapeutic link between a patient and a HC party. HC Professional within a pharmacy, who isn't the pharmacy holder, acts as author of the Revoke Therapeutic Link. No proof is given. Certificate used to access the WS Therapeutic Link is the eHealth Certificate of the pharmacy.
	Acto r(s)	HC Professional within a pharmacy who isn't the pharmacy holder
	Req uire men ts	 End-user is a HC professional within a pharmacy End-user manages the therapeutic links throughout his usual software Valid eHealth Certificate of the hospital e-ID card of concerned patient Identification HC professional °Identifier pharmacy: NIHII, HC party category °Identifier pharmacy holder: SSIN, NIHII (if available), HC party category °Identifier end-user: SSIN, NIHII (if available), HC party category Identification concerned patient: SSIN, Support card number (optional), first and family name (optional) Identification concerned HC party: NIHII (8digits), HC party category, Organization name (optional) Type of therapeutic link: non-referral Start date (optional) End date (optional) Comment to justify the revocation (optional)
	Trig ger	User wants to revoke a therapeutic link.
	Pre con ditio n(s)	 The user has an account for the application The user is logged out

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Flow	 The user attempts to access the eHealth WS Therapeutic Link The user needs to request a SAML Token by using it's personal eHealth Certificate A request for a SAML Token is sent to the Secure Token Service (STS) The STS responds with a SAML Token The user has access to the eHealth WS Therapeutic Link The user does a request for Revoke Therapeutic Link The Revoke Therapeutic Link Request is sent to the WS Therapeutic Link The given therapeutic link, if found, is revoked in the eHealth Database & All overlapped period of validity of the same relation are revoked The request is logged
Post Con ditio n(s)	The WS Consent responds with a Revoke Therapeutic Link Response The given therapeutic link, if found, is revoked in the eHealth Database All overlapped period of validity of the same relation are revoked
Test Data	 Example Revoke Therapeutic Link Request Example Revoke Therapeutic Link Response Example Revoke Therapeutic Link Response - Unsuccessful
End poin t(s)	Therapeutic Links Database
Re mar ks	 Start date: If provided then the start date must be equal to the start date of the active relation else the request is rejected (not found) else (not provided) then the revocation is applied on any active therapeutic relation corresponding to the input criteria i.e. patient, hcparty, therapeutic relation type End date: (must be interpreted as 'revocation date' and not the end date of the relation)
Addi tion al Infor mati on	If the support card number is provided, then they must be valid and compliant

Exception Flow 1

Flow	Specifications	
Unknown macro: 'drawio'		
	ID UC-251-EF01	
	N a Peroke Therapeutic Link - HC Professional within a pharmacy - no proof - HC party performing the revocation does not have the same professional category as the HC party concerned by the therapeutic link	
	D Revoke Therapeutic Link is a service used to revoke a therapeutic link between a patient and a HC party. HC Professional within a pharmacy acts as author of the Revoke Therapeutic Link. No proof is given. Certificate used to access the WS Therapeutic Link is the eHealth Certificate of the pharmacy. HC party performing the revocation does not have the same professional category as the HC party concerned by the therapeutic link	
	Ac tor (s) • HC Professional within a pharmacy	

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R eq uir e m en ts	 End-user is a HC professional within a pharmacy End-user manages the therapeutic links throughout his usual software Valid eHealth Certificate of the hospital e-ID card of concerned patient Identification HC professional °Identifier pharmacy: NIHII, HC party category °Identifier pharmacy holder: SSIN, NIHII (if available), HC party category Identification concerned patient: SSIN, Support card number (optional), first and family name (optional) Identification concerned HC party: NIHII (8digits), HC party category, Organization name (optional) Type of therapeutic link: non-referral Start date (optional) End date (optional) Comment to justify the revocation (optional) HC party performing the revocation does not have the same professional category as the HC party concerned by the therapeutic link
Tri gg er	User wants to revoke a therapeutic link.
Pr ec on dit io n (s)	 The user has an account for the application The user is logged out
FI ow	 The user attempts to access the eHealth WS Therapeutic Link The user needs to request a SAML Token by using it's personal eHealth Certificate A request for a SAML Token is sent to the Secure Token Service (STS) The STS responds with a SAML Token The user has access to the eHealth WS Therapeutic Link The user does a request for Revoke Therapeutic Link The Revoke Therapeutic Link Request is sent to the WS Therapeutic Link The WS Consent responds with a Revoke Therapeutic Link Response: error message
Po st C on dit io n (s)	Error message
Te st D ata	Example Revoke Therapeutic Link Request Example Revoke Therapeutic Link Response Example Revoke Therapeutic Link Response - Unsuccessful
En d po int (s)	Therapeutic Links Database

Exception Flow 2

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Flow	Specif	fications
Unknown macro: 'drawio'		
a chichewithiacier arawie	ID	UC-251-EF02
	Na me	Revoke Therapeutic Link - HC Professional within a pharmacy - no proof - No active therapeutic link of this type for the given HC party
	Des crip tion	Revoke Therapeutic Link is a service used to revoke a therapeutic link between a patient and a HC party. HC Professional within a pharmacy acts as author of the Revoke Therapeutic Link. No proof is given. Certificate used to access the WS Therapeutic Link is the eHealth Certificate of the pharmacy. No active therapeutic link of this type for the given HC party
	Act or (s)	HC Professional within a pharmacy
	Req uire me nts	 End-user is a HC professional within a pharmacy End-user manages the therapeutic links throughout his usual software Valid eHealth Certificate of the hospital e-ID card of concerned patient Identification HC professional °Identifier pharmacy: NIHII, HC party category
		°Identifier pharmacy holder: SSIN, NIHII (if available), HC party category
		 Identification concerned patient: SSIN, Support card number (optional), first and family name (optional) Identification concerned HC party: NIHII (8digits), HC party category, Organization name (optional) Type of therapeutic link: non-referral Start date (optional) End date (optional) Comment to justify the revocation (optional) No active therapeutic link of this type for the given HC party
	Trig ger	User wants to revoke a therapeutic link.
	Pre con ditio n(s)	 The user has an account for the application The user is logged out
	Flow	 The user attempts to access the eHealth WS Therapeutic Link The user needs to request a SAML Token by using it's personal eHealth Certificate A request for a SAML Token is sent to the Secure Token Service (STS) The STS responds with a SAML Token The user has access to the eHealth WS Therapeutic Link The user does a request for Revoke Therapeutic Link The Revoke Therapeutic Link Request is sent to the WS Therapeutic Link The WS Consent responds with a Revoke Therapeutic Link Response: error message
	Pos t Con ditio n(s)	Error message

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Tes t Data	 Example Revoke Therapeutic Link Request Example Revoke Therapeutic Link Response Example Revoke Therapeutic Link Response - Unsuccessful
End poi nt (s)	Therapeutic Links Database

Exception Flow 3

Flow	Specifications
Unknown macro: 'drawio'	
S officion material arabic	ID UC-251-EF03
	N a not allowed to perform the revocation
	D es patient and a HC party. HC Professional within a pharmacy acts as author of the Revoke Therapeutic Link. No proof is given. Certificate used to access the WS Therapeutic Link is the eHealth Certificate of the pharmacy. The sender is not allowed to perform the revocation according to the predefined rules e.g. validation on the author (NIHII valid, SSIN valid,?)
	Ac tor (s) HC Professional (Physician, Nurse, Dentist, Midwife, Audician, Physiotherapist, Occupational therapist, Practical nurse, Dietician, Audiologist, Podologist, Truss maker, Logopedist, Orthoptist, Lab technologist, Imaging technologist, clinical orthopedic pedagogue)
	R eq uir e Production of the Professional within a pharmacy end in the Professional within a pharmacy end in the Professional within a pharmacy end in the Professional end in
	Tri User wants to revoke a therapeutic link. gg er

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Pr ec on dit io ns	 The user has an account for the application The user is logged out
FI ow	 The user attempts to access the eHealth WS Therapeutic Link The user needs to request a SAML Token by using it's personal eHealth Certificate A request for a SAML Token is sent to the Secure Token Service (STS) The STS responds with a SAML Token The user has access to the eHealth WS Therapeutic Link The user does a request for Revoke Therapeutic Link The Revoke Therapeutic Link Request is sent to the WS Therapeutic Link The WS Consent responds with a Revoke Therapeutic Link Response: error message
P os t C on dit io n (s)	Error message
Te st D ata	 Example Revoke Therapeutic Link Request Example Revoke Therapeutic Link Response Example Revoke Therapeutic Link Response - Unsuccessful
E nd da te	Therapeutic Links Database

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