UC-123-Revoke Consent-HC prof AR78

Used Documentation

Cookbook / Materials	Version	Location
Consent WS	1.9	https://www.ehealth.fgov.be/ehealthplatform/nl/service-ehealthconsent

General Information

Informed Consent

The existence of an active 'informed patient consent' is one of the fundamental prerequisites for the healthcare providers to access patient's medical data. Therefore, the eHealth platform makes available to the concerned patients and the health care actors involved in the exchange,

storage or referencing personal data a service to manage the 'informed patient consent' as defined by the deliberation 12/047 of the CSSSS /SCSZG1.

Technically, we identify the following attributes for an 'informed patient consent':

- The SSIN of the patient.
- The date of the consent registration (at the end-user side).
- The "type" of the consent If the consent is only valuable for data posterior to the signing date, it is called 'prospective' and
 'retrospective' in the other case. According to the rules defined now, the only possible value for this attribute is 'retrospective'. The
 attribute is present for backwards compatibility.
- The identity of the HCParty acting in the patient's name (if applicable).

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 eHealth Consent 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

Flow	Specifications	
Unknown macro: 'drawio'		UC-123-BF Revoke Patient Consent - HC Professional AR78 (Physician, Dentist, Nurse, midwife)
		Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a HC professional of AR78.

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Act or (s)	HC professional of AR78 (Physician, Dentist, Nurse, midwife)
Re qui re me nts	 End-user is a HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife) The end-user acts as author of the request through his software and manages himself the informed patient consent Valid personal eHeatlh Certificate Consent WS is integrated in the software of the end-user Identification HC professional AR78: SSIN number, NIHII (if available), professional category Information about the consent to revoke °Identification data of concerned patient: SSIN, support card number, first and family name (optional) °Type of consent: retrospective °Date of revocation
Tri gg er	The user wants to revoke a Patient Consent
Pre con diti on (s)	 The user has an account for the application The user is logged out
Flow	 The user attempts to access the eHealth Consent WS The user needs to request a SAML Token by using his eID 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 Consent The user does a request for Revoke Patient Consent The Revoke Patient Consent Request is sent to the WS Consent The revoked consent is stored in eHealth Database The request is logged The WS Consent responds with a Revoke Patient Consent Response
Po st Co ndit ion (s)	 The request is logged The revoked consent is stored in eHealth Database with following information °SSIN of concerned patient °Initial signing date of the consent °Consent type °Author of the request °Revocation date
Te st Data	 Example Revoke Patient Consent Request Example Revoke Patient Consent Response successful Example Revoke Patient Consent Response unsuccessful
En d poi nt (s)	 WS Consent eHealth Database
Re ma rks	If concerned patient is a new-born (0 < patient < 3 months) the support card number is not mandatory

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Ad diti on al Inf or ma tion	Date of revocation of an active consent must be equal or anterior to the request date. If so, it must be also anterior to the current date.
Re ma rk en d- use rs	Should be available soon for Physician, Nurse, Dentist, Midwife, Audician, Physiotherapist, Occupational therapist, Practical nurse, Dietician, Audiologist, Podologist, Truss maker, Logopedist, Orthoptist, Lab technologist, Imaging technologist, clinical orthopedic pedagogue, clinical orthopedic pedagogue, clinical psychologist, dental hygienist

Alternative Flow

Flow	Specifica	tions
Unknown macro: 'drawio'		
	ID	UC-123-AF01
	Name	Revoke Patient Consent - Physician who is holder of the Global Medical File of the patient
	Descrip tion	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a Physician who is holder of the Global Medical File of the patient.
	Actor (s)	Physician who is holder of the Global Medical File of the patient
	Requir ements	 End-user is a HC professional of AR78 The end-user acts as author of the request through his software and manages himself the informed patient consent Valid elD Consent WS is integrated in the software of the end-user Identification HC professional AR78: SSIN number, NIHII (if available), professional category Information about the consent to revoke Identification data of concerned patient: SSIN, first and family name (optional) Type of consent: retrospective Date of revocation
	Trigger	The user wants to revoke a Patient Consent
	Precon dition (s)	 The user has an account for the application The user is logged out

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Flow	1. The user attempts to access the eHealth Consent WS 2. The user needs to request a SAML Token by using his eID 3. A request for a SAML Token is sent to the Secure Token Service (STS) 4. The STS responds with a SAML Token 5. The user has access to the eHealth WS Consent 6. The user does a request for Revoke Patient Consent 7. The Revoke Patient Consent Request is sent to the WS Consent 8. The revoked consent is stored in eHealth Database 9. The request is logged 10. The WS Consent responds with a Revoke Patient Consent Response
Post Conditi on(s)	The request is logged The revoked consent is stored in eHealth Database with following information SSIN of concerned patient Initial signing date of the consent Consent type Author of the request Revocation date
Test Data	Example Revoke Patient Consent Request Example Revoke Patient Consent Response successful Example Revoke Patient Consent Response unsuccessful
End point(s)	WS Consent eHealth Database
Additio nal Informa tion	Date of revocation of an active consent must be equal or anterior to the request date. If so, it must be also anterior to the current date.

Exception Flow 1

Flow	Specifications		
Unknown macro: 'drawio'	ID UC-123-EF01 Na Revoke Patient Consent - HC Professional AR78 - Deceased patient De sc rip tion Ac HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife)		

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Re qu ire m en ts	 End-user is a HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife) The end-user acts as author of the request through his software and manages himself the informed patient consent Valid personal eHeatth Certificate Consent WS is integrated in the software of the end-user Identification HC professional AR78: SSIN number, NIHII (if available), professional category Information about the consent to revoke °Identification data of concerned patient: SSIN, support card number, first and family name (optional) °Type of consent: retrospective °Date of revocation Concerned patient is deceased
Tri gg er	The user wants to revoke a Patient Consent
Pr ec on diti on (s)	 The user has an account for the application The user is logged out
FI	 The user attempts to access the eHealth Consent WS The user needs to request a SAML Token by using a 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 Consent The user does a request for Revoke Patient Consent The Revoke Patient Consent Request is sent to the WS Consent The WS Consent responds with a Revoke Patient Consent Response: error message
Po st Co nd itio n (s)	Error message
Te st Da ta	Example Revoke Patient Consent Request Example Revoke Patient Consent Response successful Example Revoke Patient Consent Response unsuccessful
En d po int (s)	WS Consent eHealth Database
Re m ar k en d- us ers	Should be available soon for Physician, Nurse, Dentist, Midwife, Audician, Physiotherapist, Occupational therapist, Practical nurse, Dietician, Audiologist, Podologist, Truss maker, Logopedist, Orthoptist, Lab technologist, Imaging technologist, clinical orthopedic pedagogue, clinical orthopedic pedagogue, clinical psychologist, dental hygienist

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Exception Flow 2

Flow	Specifications
Unknown macro: 'drawio'	
a character draws	ID UC-123-EF02
	Na Revoke Patient Consent - HC Professional AR78 - The consent of the concerned patient is already revoked
	De sc rip tion Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a HC professional of AR78. The consent of the concerned patient is already revoked
	Ac tor (s) HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife)
	Re qu ire m en ts • End-user is a HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife) • The end-user acts as author of the request through his software and manages himself the informed patient consent • Valid personal eHeatlh Certificate • Consent WS is integrated in the software of the end-user • Identification HC professional AR78: SSIN number, NIHII (if available), professional category • Information about the consent to revoke °Identification data of concerned patient: SSIN, support card number, first and family name (optional) °Type of consent: retrospective °Date of revocation • The consent of the concerned patient is already revoked
	Tri The user wants to revoke a Patient Consent gg er
	Pr ec on diti on (s) • The user has an account for the application • The user is logged out
	FI ow 1. The user attempts to access the eHealth Consent WS 2. The user needs to request a SAML Token by using a eHealth Certificate 3. A request for a SAML Token is sent to the Secure Token Service (STS) 4. The STS responds with a SAML Token 5. The user has access to the eHealth WS Consent 6. The user does a request for Revoke Patient Consent 7. The Revoke Patient Consent Request is sent to the WS Consent 8. The WS Consent responds with a Revoke Patient Consent Response: error message
	Po st Co nd itio n (s)

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Te st Da ta	 Example Revoke Patient Consent Request Example Revoke Patient Consent Response successful Example Revoke Patient Consent Response unsuccessful
En d po int (s)	WS Consent eHealth Database
Re m ar k en d-us ers	Should be available soon for Physician, Nurse, Dentist, Midwife, Audician, Physiotherapist, Occupational therapist, Practical nurse, Dietician, Audiologist, Podologist, Truss maker, Logopedist, Orthoptist, Lab technologist, Imaging technologist, clinical orthopedic pedagogue, clinical orthopedic pedagogue, clinical psychologist, dental hygienist

Exception Flow 3

Flow	Specifications
Unknown macro: 'drawio'	ID UC-123-EF03 Na Revoke Patient Consent - HC Professional AR78 - The consent of the concerned patient does not exist De sc rip tion Ac HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife) Re qu ire m en ts • End-user is a HC professional of AR78 (Physician - Dentist - Nurse - Pharmacist - Midwife) • The end-user acts as author of the request through his software and manages himself the informed patient consent • Valid personal eHeatlh Certificate • Consent WS is integrated in the software of the end-user • Identification HC professional AR78: SSIN number, NIHII (if available), professional category • Information about the consent to revoke °Identification data of concerned patient: SSIN, support card number, first and family name (optional)
	 Type of consent: retrospective Date of revocation The consent of the concerned patient does not exist
	Tri The user wants to revoke a Patient Consent gg er

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Pr ec on diti on (s)	 The user has an account for the application The user is logged out
FI	 The user attempts to access the eHealth Consent WS The user needs to request a SAML Token by using a 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 Consent The user does a request for Revoke Patient Consent The Revoke Patient Consent Request is sent to the WS Consent The WS Consent responds with a Revoke Patient Consent Response: error message
Po st Co nd itio n (s)	Error message
Te st Da ta	 Example Revoke Patient Consent Request Example Revoke Patient Consent Response successful Example Revoke Patient Consent Response unsuccessful
En d po int (s)	WS Consent eHealth Database
Re m ar k en d- us ers	Should be available soon for Physician, Nurse, Dentist, Midwife, Audician, Physiotherapist, Occupational therapist, Practical nurse, Dietician, Audiologist, Podologist, Truss maker, Logopedist, Orthoptist, Lab technologist, Imaging technologist, clinical orthopedic pedagogue, clinical orthopedic pedagogue, clinical psychologist, dental hygienist

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