

# UC-127-Revoke Consent-Group of nurses

## Used Documentation

Cookbook / Materials	Version	Location
Consent WS	1.9	<a href="https://www.ehealth.fgov.be/ehealthplatform/nl/service-ehealthconsent">https://www.ehealth.fgov.be/ehealthplatform/nl/service-ehealthconsent</a>

## 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

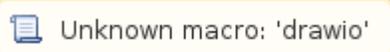
This service is a 'KMEHR-based' WS. We thus strongly recommend consulting the documentation related to the KMEHR normative elements. The KMEHR site aims to offer a central point for the documentation of the KMEHR normative elements.

<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								
	<table border="1"><tbody><tr><td>ID</td><td>UC-127-BF</td></tr><tr><td>Name</td><td>Revoke Patient Consent - Group of nurses</td></tr><tr><td>Description</td><td>Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a group of nurses.</td></tr><tr><td>Actor(s)</td><td>Group of nurses</td></tr></tbody></table>	ID	UC-127-BF	Name	Revoke Patient Consent - Group of nurses	Description	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a group of nurses.	Actor(s)	Group of nurses
ID	UC-127-BF								
Name	Revoke Patient Consent - Group of nurses								
Description	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a group of nurses.								
Actor(s)	Group of nurses								

Requirements	<ul style="list-style-type: none"> <li>• End-user is a group of nurses</li> <li>• The Informed Patient Consent is managed within a group of nurses through its usual software</li> <li>• Valid eHealth Certificate of the Group of nurses</li> <li>• Consent WS is integrated in the software of the end-user</li> <li>• Identification group of nurses: NIHI number, professional category</li> <li>• Identification nurse: SSIN, NIHI (if available), professional category</li> <li>• Information about the consent to revoke</li> </ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p>
Trigger	The user wants to revoke a Patient Consent
Precondition(s)	<ul style="list-style-type: none"> <li>• The user has an account for the application</li> <li>• The user is logged out</li> </ul>
Flow	<ol style="list-style-type: none"> <li>1. The user attempts to access the eHealth Consent WS</li> <li>2. The user needs to request a SAML Token by using his eID</li> <li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li> <li>4. The STS responds with a SAML Token</li> <li>5. The user has access to the eHealth WS Consent</li> <li>6. The user does a request for Revoke Patient Consent</li> <li>7. The Revoke Patient Consent Request is sent to the WS Consent</li> <li>8. The revoked consent is stored in eHealth Database</li> <li>9. The request is logged</li> <li>10. The WS Consent responds with a Revoke Patient Consent Response</li> </ol>
Post Condition (s)	<ul style="list-style-type: none"> <li>• The request is logged</li> <li>• The revoked consent is stored in eHealth Database with following information</li> </ul> <p>°SSIN of concerned patient</p> <p>°Initial signing date of the consent</p> <p>°Consent type</p> <p>°Author of the request</p> <p>°Revocation date</p>
Test Data	<ul style="list-style-type: none"> <li>• <a href="#">Example Revoke Patient Consent Request</a></li> <li>• <a href="#">Example Revoke Patient Consent Response successful</a></li> <li>• <a href="#">Example Revoke Patient Consent Response unsuccessful</a></li> </ul>
End point (s)	<ul style="list-style-type: none"> <li>• WS Consent</li> <li>• eHealth Database</li> </ul>
Remarks	If concerned patient is a new-born (0 < patient < 3 months) the support card number is not mandatory
Additional Information	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.

## Alternative Flow 1

Flow	Specifications																				
<div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;">  Unknown macro: 'drawio'         </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><b>ID</b></td> <td>UC-127-AF01</td> </tr> <tr> <td><b>Name</b></td> <td>Revoke Patient Consent - Group of nurses - Administrative</td> </tr> <tr> <td><b>Description</b></td> <td>Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by an administrative.</td> </tr> <tr> <td><b>Actor(s)</b></td> <td>Administrative</td> </tr> <tr> <td><b>Requirements</b></td> <td> <ul style="list-style-type: none"> <li>End-user is a administrative</li> <li>The Informed Patient Consent is managed within a group of nurses thru its usual software</li> <li>Valid eHealth Certificate of the Group of nurses</li> <li>Consent WS is integrated in the software of the end-user</li> <li>Identification group of nurses: NIHI number, professional category</li> <li>Identification nurse: SSIN, NIHI (if available), professional category</li> <li>Identification administrative: SSIN number, professional category</li> <li>Information about the consent to revoke</li> </ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p> </td> </tr> <tr> <td><b>Trigger</b></td> <td>The user wants to revoke a Patient Consent</td> </tr> <tr> <td><b>Precondition(s)</b></td> <td> <ul style="list-style-type: none"> <li>The user has an account for the application</li> <li>The user is logged out</li> </ul> </td> </tr> <tr> <td><b>Flow</b></td> <td> <ol style="list-style-type: none"> <li>1. The user attempts to access the eHealth Consent WS</li> <li>2. The user needs to request a SAML Token by using his eID</li> <li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li> <li>4. The STS responds with a SAML Token</li> <li>5. The user has access to the eHealth WS Consent</li> <li>6. The user does a request for Revoke Patient Consent</li> <li>7. The Revoke Patient Consent Request is sent to the WS Consent</li> <li>8. The revoked consent is stored in eHealth Database</li> <li>9. The request is logged</li> <li>10. The WS Consent responds with a Revoke Patient Consent Response</li> </ol> </td> </tr> <tr> <td><b>Post Condition (s)</b></td> <td> <ul style="list-style-type: none"> <li>The request is logged</li> <li>The revoked consent is stored in eHealth Database with following information</li> </ul> <p>°SSIN of concerned patient</p> <p>°Initial signing date of the consent</p> <p>°Consent type</p> <p>°Author of the request</p> <p>°Revocation date</p> </td> </tr> <tr> <td><b>Test Data</b></td> <td> <ul style="list-style-type: none"> <li>Example Revoke Patient Consent Request</li> <li>Example Revoke Patient Consent Response successful</li> <li>Example Revoke Patient Consent Response unsuccessful</li> </ul> </td> </tr> </table>	<b>ID</b>	UC-127-AF01	<b>Name</b>	Revoke Patient Consent - Group of nurses - Administrative	<b>Description</b>	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by an administrative.	<b>Actor(s)</b>	Administrative	<b>Requirements</b>	<ul style="list-style-type: none"> <li>End-user is a administrative</li> <li>The Informed Patient Consent is managed within a group of nurses thru its usual software</li> <li>Valid eHealth Certificate of the Group of nurses</li> <li>Consent WS is integrated in the software of the end-user</li> <li>Identification group of nurses: NIHI number, professional category</li> <li>Identification nurse: SSIN, NIHI (if available), professional category</li> <li>Identification administrative: SSIN number, professional category</li> <li>Information about the consent to revoke</li> </ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p>	<b>Trigger</b>	The user wants to revoke a Patient Consent	<b>Precondition(s)</b>	<ul style="list-style-type: none"> <li>The user has an account for the application</li> <li>The user is logged out</li> </ul>	<b>Flow</b>	<ol style="list-style-type: none"> <li>1. The user attempts to access the eHealth Consent WS</li> <li>2. The user needs to request a SAML Token by using his eID</li> <li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li> <li>4. The STS responds with a SAML Token</li> <li>5. The user has access to the eHealth WS Consent</li> <li>6. The user does a request for Revoke Patient Consent</li> <li>7. The Revoke Patient Consent Request is sent to the WS Consent</li> <li>8. The revoked consent is stored in eHealth Database</li> <li>9. The request is logged</li> <li>10. The WS Consent responds with a Revoke Patient Consent Response</li> </ol>	<b>Post Condition (s)</b>	<ul style="list-style-type: none"> <li>The request is logged</li> <li>The revoked consent is stored in eHealth Database with following information</li> </ul> <p>°SSIN of concerned patient</p> <p>°Initial signing date of the consent</p> <p>°Consent type</p> <p>°Author of the request</p> <p>°Revocation date</p>	<b>Test Data</b>	<ul style="list-style-type: none"> <li>Example Revoke Patient Consent Request</li> <li>Example Revoke Patient Consent Response successful</li> <li>Example Revoke Patient Consent Response unsuccessful</li> </ul>
	<b>ID</b>	UC-127-AF01																			
	<b>Name</b>	Revoke Patient Consent - Group of nurses - Administrative																			
	<b>Description</b>	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by an administrative.																			
	<b>Actor(s)</b>	Administrative																			
	<b>Requirements</b>	<ul style="list-style-type: none"> <li>End-user is a administrative</li> <li>The Informed Patient Consent is managed within a group of nurses thru its usual software</li> <li>Valid eHealth Certificate of the Group of nurses</li> <li>Consent WS is integrated in the software of the end-user</li> <li>Identification group of nurses: NIHI number, professional category</li> <li>Identification nurse: SSIN, NIHI (if available), professional category</li> <li>Identification administrative: SSIN number, professional category</li> <li>Information about the consent to revoke</li> </ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p>																			
	<b>Trigger</b>	The user wants to revoke a Patient Consent																			
	<b>Precondition(s)</b>	<ul style="list-style-type: none"> <li>The user has an account for the application</li> <li>The user is logged out</li> </ul>																			
	<b>Flow</b>	<ol style="list-style-type: none"> <li>1. The user attempts to access the eHealth Consent WS</li> <li>2. The user needs to request a SAML Token by using his eID</li> <li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li> <li>4. The STS responds with a SAML Token</li> <li>5. The user has access to the eHealth WS Consent</li> <li>6. The user does a request for Revoke Patient Consent</li> <li>7. The Revoke Patient Consent Request is sent to the WS Consent</li> <li>8. The revoked consent is stored in eHealth Database</li> <li>9. The request is logged</li> <li>10. The WS Consent responds with a Revoke Patient Consent Response</li> </ol>																			
	<b>Post Condition (s)</b>	<ul style="list-style-type: none"> <li>The request is logged</li> <li>The revoked consent is stored in eHealth Database with following information</li> </ul> <p>°SSIN of concerned patient</p> <p>°Initial signing date of the consent</p> <p>°Consent type</p> <p>°Author of the request</p> <p>°Revocation date</p>																			
<b>Test Data</b>	<ul style="list-style-type: none"> <li>Example Revoke Patient Consent Request</li> <li>Example Revoke Patient Consent Response successful</li> <li>Example Revoke Patient Consent Response unsuccessful</li> </ul>																				

End point (s)	<ul style="list-style-type: none"> <li>• WS Consent</li> <li>• eHealth Database</li> </ul>
Remarks	If concerned patient is a new-born (0 < patient < 3 months) the support card number is not mandatory
Additional Information	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-127-EF01
Name	Revoke Patient Consent - Group of nurses - <b>Deceased patient</b>
Description	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a group of nurses. <b>Deceased patient</b>
Actor(s)	Group of nurses
Requirements	<ul style="list-style-type: none"> <li>• End-user is a group of nurses</li> <li>• The Informed Patient Consent is managed within a group of nurses thru its usual software</li> <li>• Valid eHealth Certificate of the Group of nurses</li> <li>• Consent WS is integrated in the software of the end-user</li> <li>• Identification group of nurses: NIHL number, professional category</li> <li>• Identification nurse: SSIN, NIHL (if available), professional category</li> <li>• Information about the consent to revoke</li> </ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p> <ul style="list-style-type: none"> <li>• <b>Concerned patient is deceased</b></li> </ul>
Trigger	The user wants to revoke a Patient Consent
Precondition(s)	<ul style="list-style-type: none"> <li>• The user has an account for the application</li> <li>• The user is logged out</li> </ul>
Flow	<ol style="list-style-type: none"> <li>1. The user attempts to access the eHealth Consent WS</li> <li>2. The user needs to request a SAML Token by using a eHealth Certificate</li> <li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li> <li>4. The STS responds with a SAML Token</li> <li>5. The user has access to the eHealth WS Consent</li> <li>6. The user does a request for Revoke Patient Consent</li> <li>7. The Revoke Patient Consent Request is sent to the WS Consent</li> <li>8. The WS Consent responds with a Revoke Patient Consent Response: <b>error message</b></li> </ol>
Post Condition(s)	<b>Error message</b>
Test Data	<ul style="list-style-type: none"> <li>• Example Revoke Patient Consent Request</li> <li>• Example Revoke Patient Consent Response successful</li> <li>• Example Revoke Patient Consent Response unsuccessful</li> </ul>
Endpoint(s)	<ul style="list-style-type: none"> <li>• WS Consent</li> <li>• eHealth Database</li> </ul>

## Exception Flow 2

Flow	Specifications
------	----------------



Unknown macro: 'drawio'

ID	UC-127-EF02
Name	Revoke Patient Consent - Group of nurses - <b>The consent of the concerned patient is already revoked</b>
Description	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a group of nurses. <b>The consent of the concerned patient is already revoked</b>
Actor(s)	Group of nurses
Requirements	<ul style="list-style-type: none"><li>• End-user is a group of nurses</li><li>• The Informed Patient Consent is managed within a group of nurses thru its usual software</li><li>• Valid eHealth Certificate of the Group of nurses</li><li>• Consent WS is integrated in the software of the end-user</li><li>• Identification group of nurses: NIHI number, professional category</li><li>• Identification nurse: SSIN, NIHI (if available), professional category</li><li>• Information about the consent to revoke</li></ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p> <ul style="list-style-type: none"><li>• <b>The consent of the concerned patient is already revoked</b></li></ul>
Trigger	The user wants to revoke a Patient Consent
Precondition(s)	<ul style="list-style-type: none"><li>• The user has an account for the application</li><li>• The user is logged out</li></ul>
Flow	<ol style="list-style-type: none"><li>1. The user attempts to access the eHealth Consent WS</li><li>2. The user needs to request a SAML Token by using a eHealth Certificate</li><li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li><li>4. The STS responds with a SAML Token</li><li>5. The user has access to the eHealth WS Consent</li><li>6. The user does a request for Revoke Patient Consent</li><li>7. The Revoke Patient Consent Request is sent to the WS Consent</li><li>8. The WS Consent responds with a Revoke Patient Consent Response: <b>error message</b></li></ol>
Post Condition(s)	<b>Error message</b>
Test Data	<ul style="list-style-type: none"><li>• Example Revoke Patient Consent Request</li><li>• Example Revoke Patient Consent Response successful</li><li>• Example Revoke Patient Consent Response unsuccessful</li></ul>
Endpoint(s)	<ul style="list-style-type: none"><li>• WS Consent</li><li>• eHealth Database</li></ul>

## Exception Flow 3

Flow	Specifications	
<div style="border: 1px solid yellow; padding: 5px; margin-bottom: 10px;">  Unknown macro: 'drawio'         </div>	ID	UC-127-EF03
	Name	Revoke Patient Consent - Group of nurses - <b>The consent of the concerned patient does not exist</b>
	Description	Revoke Patient consent allows end-users to revoke an active consent of the concerned patient. Request Revoke consent is done by a group of nurses. <b>The consent of the concerned patient does not exist</b>
	Actor(s)	Group of nurses
	Requirements	<ul style="list-style-type: none"> <li>• End-user is a group of nurses</li> <li>• The Informed Patient Consent is managed within a group of nurses thru its usual software</li> <li>• Valid eHealth Certificate of the Group of nurses</li> <li>• Consent WS is integrated in the software of the end-user</li> <li>• Identification group of nurses: NIHII number, professional category</li> <li>• Identification nurse: SSIN, NIHII (if available), professional category</li> <li>• Information about the consent to revoke</li> </ul> <p>°Identification data of concerned patient: SSIN, support card number, first and family name (optional)</p> <p>°Type of consent: retrospective</p> <p>°Date of revocation</p> <ul style="list-style-type: none"> <li>• <b>The consent of the concerned patient does not exist</b></li> </ul>
	Trigger	The user wants to revoke a Patient Consent
	Precondition(s)	<ul style="list-style-type: none"> <li>• The user has an account for the application</li> <li>• The user is logged out</li> </ul>
	Flow	<ol style="list-style-type: none"> <li>1. The user attempts to access the eHealth Consent WS</li> <li>2. The user needs to request a SAML Token by using a eHealth Certificate</li> <li>3. A request for a SAML Token is sent to the Secure Token Service (STS)</li> <li>4. The STS responds with a SAML Token</li> <li>5. The user has access to the eHealth WS Consent</li> <li>6. The user does a request for Revoke Patient Consent</li> <li>7. The Revoke Patient Consent Request is sent to the WS Consent</li> <li>8. The WS Consent responds with a Revoke Patient Consent Response: <b>error message</b></li> </ol>
	Post Condition(s)	<b>Error message</b>
	Test Data	<ul style="list-style-type: none"> <li>• Example Revoke Patient Consent Request</li> <li>• Example Revoke Patient Consent Response successful</li> <li>• Example Revoke Patient Consent Response unsuccessful</li> </ul>
Endpoint(s)	<ul style="list-style-type: none"> <li>• WS Consent</li> <li>• eHealth Database</li> </ul>	