

# UC-320-Put TherExclusion-Mandatory of patient-pharmacy

## Used Documentation

Cookbook	Version	Location
Therapeutic Exclusion Cookbook	1.2	<a href="https://www.ehealth.fgov.be/ehealthplatform/nl/search?q=therapeutic+exclusion">https://www.ehealth.fgov.be/ehealthplatform/nl/search?q=therapeutic+exclusion</a>

## General Information

### Therapeutic Exclusion

The existence of an active 'therapeutic exclusion' is a fundamental prerequisite for the citizen to prevent healthcare providers from accessing his medical data. Therefore, the eHealth platform makes available to the citizen a new web service (WS) called Therapeutic Exclusion.

Technically, we identify the following attributes for a therapeutic exclusion:

- If the excluded healthcare party is a practitioner
  - The identification number of the Belgian National Register (INSS) of the patient
  - The INSS of the practitioner

Therefore, if the practitioner has multiple healthcare professions i.e. multiple NIHI, multiple professional

categories and being excluded for one profession, the practitioner is considered as excluded for other professions as well.

- If the excluded healthcare party is an organization
  - The INSS of the patient;
  - The NIHI (Number assigned by the National Institute for Health and Invalidity Insurance) of the organization.

A citizen can exclude one or more healthcare parties and one or more citizens can exclude one healthcare party.

According to the current business rules, for the purpose of the therapeutic exclusion:

- 'Citizen' means any patient; parent and mandatory of the concerned patient managing therapeutic exclusion through the Therapeutic Exclusion WS integrated in their usual software.
- Only following HC Parties can be excluded by citizen:
  - As practitioner: Physician, Nurse, Dentist, Midwife, Audician, Physiotherapist, Occupational therapist, Practical nurse, Dietician, Audiologist, Podologist, Truss maker, Logopedist, Orthoptist, Lab technologist, Imaging technologist.
  - As organization: Pharmacy

The management of the therapeutic exclusions consists of the following operations

<b>PutTherapeuticExclusion</b>	Allows the end-user to declare a therapeutic exclusion
<b>RevokeTherapeuticExclusion</b>	Allows the end-user to revoke of an active therapeutic exclusion
<b>GetTherapeuticExclusion</b>	Allows the end-user to consult the active therapeutic exclusion(s)

## Basic Flow

Flow	Specifications		
 Unknown macro: 'drawio'	<table><tr><td>ID</td><td>UC-320-BF</td></tr></table>	ID	UC-320-BF
ID	UC-320-BF		

Name	Put Therapeutic Exclusion - Mandatory - pharmacy
Description	Put Therapeutic Exclusion allows an end-user (mandatory) to declare a therapeutic exclusion. The excluded HC party is a pharmacy.
Actor(s)	Mandatory of concerned patient
Requirements	<ul style="list-style-type: none"> <li>• End-user is a patient</li> <li>• Valid e-ID</li> <li>• Identification end-user</li> </ul> <p>°Mandatory software information</p> <p>°Identification mandatory: SSIN</p> <ul style="list-style-type: none"> <li>• Identification concerned patient: SSIN, support card number (optional), first and family name</li> <li>• Identification excluded HC party: SSIN not supported!, valid and compliant NIHII 8 digits, Organization category supported by the service, Organization name (optional)</li> </ul>
Trigger	The user wants to Put a Therapeutic Exclusion
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 Therapeutic Exclusions</li> <li>6. The user does a request for Put Therapeutic Exclusion</li> <li>7. The Put Therapeutic Exclusion Request is sent to the WS Therapeutic Exclusions</li> <li>8. The Therapeutic Exclusion is stored in the eHealth Database</li> <li>9. The request is logged</li> <li>10. The WS Therapeutic Exclusions responds with a Put Therapeutic Exclusion Response</li> </ol>
Post Condition(s)	<ul style="list-style-type: none"> <li>• The request is logged</li> <li>• The Therapeutic Exclusion is stored in the eHealth Database with following information</li> </ul> <p>°INSS of the concerned patient</p> <p>°INSS &amp; NIHII (if any) of the HC party</p> <p>°Author of the request</p> <p>°Audit data</p>
Test Data	<ul style="list-style-type: none"> <li>• <a href="#">Example Put Therapeutic Exclusion Request</a></li> <li>• <a href="#">Example Put Therapeutic Exclusion Response Successful</a></li> <li>• <a href="#">Example Put Therapeutic Exclusion Response Unsuccessful</a></li> </ul>
End point(s)	Therapeutic Exclusions Database

	<p>Remarks</p> <ul style="list-style-type: none"> <li>• The support card numbers are optional: provided or not, it will not be submitted to card status validation</li> <li>• First and family name are optional, if not provided then they are enriched based on provided INSS</li> <li>• NIHL: if not provided then the NIHL is not enriched based on the provided INSS. If provided, the NIHL must be valid and compliant</li> </ul>
	<p>Comments</p> <ul style="list-style-type: none"> <li>• The INSS identifies the patient.</li> <li>• The INSS identifies the excluded professional.</li> <li>• The NIHL identifies the excluded organization.</li> <li>• A cross validation is applied between INSS and the category professional of the excluded practitioner, if the provided INSS does not match the provided category professional then the declaration is rejected.</li> <li>• A cross validation is applied between the NIHL and the category professional of the excluded organization, if the provided NIHL does not match the provided category professional then the declaration is rejected.</li> <li>• There is no cross validation between provided NIHL and provided INSS, provided category professional of the excluded practitioner. The NIHL is considered as irrelevant information as the exclusion is applied on INSS patient and INSS excluded practitioner</li> <li>• It is not possible to 'update' an existing therapeutic exclusion. To achieve this aim, the active exclusion must first be revoked before declaring the new one.</li> </ul>

## Exception Flow

Flow	Specifications
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Unknown macro: 'drawio'

ID	UC-320-EF
Name	Put Therapeutic Exclusion - Mandatory - Pharmacy - <b>Exclusion already exists in database for the concerned patient and the excluded HC party</b>
Description	Put Therapeutic Exclusion allows an end-user (mandatory) to declare a therapeutic exclusion. The excluded HC party is a pharmacy. <b>Exclusion already exists in database for the concerned patient and the excluded HC party</b>
Actor(s)	Mandatory of concerned patient
Requirements	<ul style="list-style-type: none"> <li>• End-user is a patient</li> <li>• Valid e-ID</li> <li>• Identification end-user</li> </ul> <p>°Mandatory software information</p> <p>°Identification mandatory: SSIN</p> <ul style="list-style-type: none"> <li>• Identification concerned patient: SSIN, support card number (optional), first and family name</li> <li>• Identification excluded HC party: SSIN not supported!, valid and compliant NIHI 8 digits, Organization category supported by the service, Organization name (optional)</li> <li>• <b>Exclusion already exists in database for the concerned patient and the excluded HC party</b></li> </ul>
Trigger	The user wants to Put a Therapeutic Exclusion
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 Therapeutic Exclusions</li> <li>6. The user does a request for Put Therapeutic Exclusion</li> <li>7. The Put Therapeutic Exclusion Request is sent to the WS Therapeutic Exclusions</li> <li>8. The WS Therapeutic Exclusions responds with a Put Therapeutic Exclusion Response: <b>error message</b></li> </ol>
Post Condition(s)	<b>Error message</b>
Test Data	<ul style="list-style-type: none"> <li>• <a href="#">Example Put Therapeutic Exclusion Request</a></li> <li>• <a href="#">Example Put Therapeutic Exclusion Response Successful</a></li> <li>• <a href="#">Example Put Therapeutic Exclusion Response Unsuccessful</a></li> </ul>
Endpoint(s)	Therapeutic Exclusions Database