



Change Diagnosis API Specification

Software specification

Version 1.2, April 2024

Business Group	Consumed Services
Manager	Nathan Bramley

TABLE OF CONTENTS

Table of Tables	4
Version History	5
1 Change Diagnosis API: Overview	6
1.1 Payload structure	6
1.2 Validate the request	6
2 Message source	7
2.1 PMS software name	7
2.2 PMS software version	7
3 Form	8
4 Provider	9
4.1 Provider's identifiers and declaration date	9
4.1.1 Provider Identifier	9
4.1.2 Provider's type	9
4.1.3 Practice name	9
4.1.4 Organisation number	9
4.1.5 Facility number	10
4.2 Provider's name	10
4.2.1 Provider's first name	10
4.2.2 Provider's middle name or initials	10
4.2.3 Provider's family name	10
4.3 Provider's address	10
4.3.1 Address type	10
4.3.2 Address line 1	11
4.3.3 Address line 2	11
4.3.4 Suburb	11
4.3.5 Town or city	11
4.3.6 Postcode	11
4.3.7 Country	11
4.4 Provider's contact details	12
4.4.1 Provider's email address	12
4.4.2 Mobile phone number	12
4.4.3 Phone number type	12
4.4.4 Work phone number	12
4.4.5 Home phone number	12
4.5 Declaration date	12
4.5.1 Provider's declaration date	12

5	Patient	13
5.1	Claim number	13
5.2	Patient name and details.....	13
5.2.1	NHI number	13
5.2.2	First name.....	13
5.2.3	Middle names or initials.....	13
5.2.4	Family name	13
5.2.5	Date of birth	13
5.2.6	Date of the accident (date of injury).....	14
5.3	Patient’s contact details.....	14
5.3.1	Email address	14
5.3.2	Mobile phone number	14
5.3.3	Phone number type.....	14
5.3.4	Work phone number	14
5.3.5	Home phone number	15
5.4	Patient’s address	15
5.4.1	Address type.....	15
5.4.2	Address line 1	15
5.4.3	Address line 2	15
5.4.4	Suburb	15
5.4.5	Town or city.....	15
5.4.6	Postcode.....	16
5.4.7	Country.....	16
6	Injury diagnoses	17
6.1	Injury diagnosis.....	17
6.1.1	Diagnosis coding system	17
6.1.2	Diagnosis code.....	17
6.1.3	Diagnosis description	17
6.1.4	medicalCertificate/Laterality code.....	17
6.1.5	Diagnosis action	18
6.1.6	Diagnosis comment.....	18
6.1.7	Primary diagnosis indicator.....	18
6.1.8	Diagnosis date	18
7	Fitness for work—not required.....	19

Table of Tables

Table 1: Sequence of dates 6

Table 2: Change diagnosis request overview 6

Version History

Version	Date	Where	Change
1.0	March 2018		Initial Release
1.1	May 2018	new section 2	new fields, Software name and version
		section 6	diagnosis elements reordered to match Swagger
1.2	April 2024	Section 4.1.1	Populated Provider Identifier with details removed from the Common (Core) specification enabling more clarity around error messaging.

1 CHANGE DIAGNOSIS API: OVERVIEW

This document specifies the API for adding a new diagnosis to a claim that has been submitted, or changing or deleting an existing diagnosis. The change request is processed by the eChannel gateway. The endpoint is:

- POST/claims/change-diagnosis

(insert `'/https://<environment>/<version>'`, as required, between 'POST' and the rest of the URI).

The Medical certificate API specification describes submitting a medical certificate request, relating to an existing ACC45 claim request, to be processed by the eChannel gateway.

This document specifies:

- fields used only in this API
- variations and extensions to the core specifications, overriding the common validations.

For all other details, including all user-interface suggestions, please refer to the Core specification.

The API specifies the following dates, with the limits shown.

Earlier limit	Date of	Later limit	Section
1900-01-01	declaration	current date	4.5
1900-01-01	patient's birth	declaration	5.2.5
patient's birth	accident	declaration	5.2.6
accident	diagnosis	declaration	6.1.8

Table 1: Sequence of dates

1.1 PAYLOAD STRUCTURE

The API payload comprises the following structures:

Structure	includes	Instances allowed	See section
Message source		one	2
Form		one	3
Provider	(with vendor details)	one	4
	provider's address	one	4.3
Patient		one	5
	patient's address	one	5.4
Injury diagnoses		0-20	6

Table 2: Change diagnosis request overview

1.2 VALIDATE THE REQUEST

The rest of this document describes the validation rules specific to this API.

See the Core specification for all details not specified here: section 2 overall process, section 3 Standard behaviour, section 4 Common input for submissions, and section 5 Translate Read or SNOMED codes.

2 MESSAGE SOURCE

2.1 PMS SOFTWARE NAME

API JSON	pmsSoftwareName
Required?	Yes
Note	Core

2.2 PMS SOFTWARE VERSION

API JSON	pmsSoftwareVersion
Required?	Yes
Note	Core

3 FORM

The API constructs the form fields for the ACC18 XML, creating a unique identifier, `medicalCertificateId`.

The API stores form numbers in a database, and verifies that no form number is repeated.

4 PROVIDER

The Digital Certificate identifies the provider.

4.1 PROVIDER'S IDENTIFIERS AND DECLARATION DATE

4.1.1 PROVIDER IDENTIFIER

API JSON	medicalCertificate/provider/details/providerId	
Required?	Yes	
Data type	string	
Limit	1 – 8 characters	
Format	alphanumeric	
Note	A unique identifier for the provider, either the ACC number or the HPI number.	
Error Condition	Code	Message
providerId not supplied as Query params	400	Required String parameter providerId is not present.
providerId value is empty	400	getRealTimeClaimNumber.providerId: must not be blank
invalid format	400	This field can only contain letters and numbers.
Value has fewer than 1 or more than 9 characters	400	This value must be at least 1 and no more than 8 characters long.

4.1.2 PROVIDER'S TYPE

API JSON	medicalCertificate/provider/details/providerTypeCode	
Required?	Yes	
Note	Core	

4.1.3 PRACTICE NAME

API JSON	medicalCertificate/vendor/practiceName	
Required?	Yes	
Note	Core	

4.1.4 ORGANISATION NUMBER

API JSON	medicalCertificate/vendor/hpiOrganisationNumber	
Required?	Yes	
Note	Core (see Vendor)	

4.1.5 FACILITY NUMBER

API JSON	medicalCertificate/vendor/hpiFacilityNumber
Required?	Yes
Note	Core (see Vendor)

4.2 PROVIDER'S NAME

4.2.1 PROVIDER'S FIRST NAME

API JSON	medicalCertificate/provider/details/firstName
Required?	Yes
Note	Core

4.2.2 PROVIDER'S MIDDLE NAME OR INITIALS

API JSON	medicalCertificate/provider/details/middleName
Required?	Yes
Note	Core

4.2.3 PROVIDER'S FAMILY NAME

API JSON	medicalCertificate/provider/details/surname
Required?	Yes
Note	Core

4.3 PROVIDER'S ADDRESS

Although legacy systems allow two addresses, Residential and Postal, the API allows just one and makes it mandatory.

4.3.1 ADDRESS TYPE

API JSON	medicalCertificate/provider/address/type
Required?	Yes
Note	Core

4.3.2 ADDRESS LINE 1

API JSON	medicalCertificate/provider/address/line1
Required?	Yes
Note	Core

4.3.3 ADDRESS LINE 2

API JSON	medicalCertificate/provider/address/line2
Required?	Optional
Note	Core

4.3.4 SUBURB

API JSON	medicalCertificate/provider/address/suburb
Required?	Optional
Note	Core

4.3.5 TOWN OR CITY

API JSON	medicalCertificate/provider/address/city
Required?	Yes
Note	Core

4.3.6 POSTCODE

API JSON	medicalCertificate/provider/address/postCode
Required?	Yes
Note	Core

4.3.7 COUNTRY

API JSON	medicalCertificate/provider/address/country
Required?	Yes
Note	Core

4.4 PROVIDER'S CONTACT DETAILS

4.4.1 PROVIDER'S EMAIL ADDRESS

API JSON	medicalCertificate/provider/contact/emailAddress
Required?	Optional
Note	Core

4.4.2 MOBILE PHONE NUMBER

API JSON	medicalCertificate/provider/contact/mobilePhone
Required?	Optional
Note	Core

4.4.3 PHONE NUMBER TYPE

The API sets this value.

4.4.4 WORK PHONE NUMBER

API JSON	medicalCertificate/provider/contact/workPhone
Required?	Optional
Note	Core

4.4.5 HOME PHONE NUMBER

API JSON	medicalCertificate/provider/contact/homePhone
Required?	Optional
Note	Core

4.5 DECLARATION DATE

4.5.1 PROVIDER'S DECLARATION DATE

API JSON	medicalCertificate/declaration/providerDeclaration
Required?	Yes
Note	Core

5 PATIENT

5.1 CLAIM NUMBER

API JSON	medicalCertificate/claimNumber
Required?	Optional
Note	Core, section 4.4.1. The claim number is optional, in case the vendor doesn't yet know it.

5.2 PATIENT NAME AND DETAILS

5.2.1 NHI NUMBER

API JSON	medicalCertificate/patient/details/nhi
Required?	Optional
Note	Core

5.2.2 FIRST NAME

API JSON	medicalCertificate/patient/details/firstName
Required?	Yes
Note	Core

5.2.3 MIDDLE NAMES OR INITIALS

API JSON	medicalCertificate/patient/details/middleName
Required?	Optional
Note	Core

5.2.4 FAMILY NAME

API JSON	medicalCertificate/patient/details/surname
Required?	Yes
Note	Core

5.2.5 DATE OF BIRTH

API JSON	NmedicalCertificate/patient/details/dateOfBirth
Required?	Yes
Note	Core

5.2.6 DATE OF THE ACCIDENT (DATE OF INJURY)

API JSON	medicalCertificate/patient/details/accidentDate
Required?	Yes
Note	Core

The following patient details are not required:

- title
- gender
- occupation code
- ethnicity code.

5.3 PATIENT'S CONTACT DETAILS

5.3.1 EMAIL ADDRESS

API JSON	medicalCertificate/patient/contact/emailAddress
Required?	Optional
Note	Core

5.3.2 MOBILE PHONE NUMBER

API JSON	medicalCertificate/patient/contact/mobilePhone
Required?	Optional
Note	Core

5.3.3 PHONE NUMBER TYPE

The API sets this field.

5.3.4 WORK PHONE NUMBER

API JSON	medicalCertificate/patient/contact/workPhone
Required?	Optional
Note	Core

5.3.5 HOME PHONE NUMBER

API JSON	medicalCertificate/patient/contact/homePhone
Required?	Optional
Note	Core

5.4 PATIENT'S ADDRESS

5.4.1 ADDRESS TYPE

API JSON	medicalCertificate/patient/address/type
Required?	Yes
Note	Core

5.4.2 ADDRESS LINE 1

API JSON	medicalCertificate/patient/address/line1
Required?	Yes
Note	Core

5.4.3 ADDRESS LINE 2

API JSON	medicalCertificate/patient/address/line2
Required?	Optional
Note	Core

5.4.4 SUBURB

API JSON	medicalCertificate/patient/address/suburb
Required?	Optional
Note	Core

5.4.5 TOWN OR CITY

API JSON	medicalCertificate/patient/address/city
Required?	Yes
Note	Core

5.4.6 POSTCODE

API JSON	medicalCertificate/patient/address/postCode
Required?	Yes
Note	Core

5.4.7 COUNTRY

API JSON	medicalCertificate/patient/address/country
Required?	Yes
Note	Core

6 INJURY DIAGNOSES

6.1 INJURY DIAGNOSIS

API JSON	medicalCertificate/diagnosis		
Required?	Optional		
Limit	1-20 diagnoses		
Note	Core		
Error Condition	Code	Message	
20 diagnoses already present	400	A medical certificate or change of diagnosis cannot include more than 20 diagnoses.	

6.1.1 DIAGNOSIS CODING SYSTEM

API JSON	medicalCertificate/diagnosis/diagnosisCodeType		
Required?	Yes		
Note	Core		

6.1.2 DIAGNOSIS CODE

API JSON	medicalCertificate/diagnosis/diagnosisCode		
Required?	Yes		
Note	For coding system 1 (Read code or SNOMED), the validated, translated request has the translated read code, which is only 5 characters and fits in the DiagnosisCodefield of the legacy system.		
	Core		

6.1.3 DIAGNOSIS DESCRIPTION

API JSON	medicalCertificate/diagnosis/diagnosisDescription		
Required?	Yes		
Note	Core		

6.1.4 MEDICALCERTIFICATE/LATERALITY CODE

API JSON	medicalCertificate/diagnosis/diagnosisSide		
Required?	Yes		
Note	Core		

6.1.5 DIAGNOSIS ACTION

API JSON	medicalCertificate/diagnosis/diagnosisAction
Required?	Yes
Note	See also the core specifications

6.1.6 DIAGNOSIS COMMENT

API JSON	medicalCertificate/diagnosis/diagnosisComment
Required?	Optional
Data type	string
Limit	185 characters
Note	In the payload, this field also stores the read code and laterality of a translated diagnosis code. Core

6.1.7 PRIMARY DIAGNOSIS INDICATOR

API JSON	medicalCertificate/diagnosis/primaryDiagnosisIndicator
Required?	Yes
Note	Core

6.1.8 DIAGNOSIS DATE

The API sets this field to the current date.

The field diagnosisSeverity is not required.

7 FITNESS FOR WORK—NOT REQUIRED

Not required for a diagnosis change.

Users must omit the optional element `medicalCertificate/workCapacity/`, which includes all fields for incapacity type, return to work details and help for the patient, as well as details for ACC to contact the provider.