

# NHS Data Model and Dictionary



<b>Type:</b>	Change Request
<b>Reference:</b>	1831
<b>Version No:</b>	1.0
<b>Subject:</b>	Electronic Prescribing and Medicines Administration Data Sets
<b>Effective Date:</b>	As per ISN
<b>Reason for Change:</b>	New Data Set
<b>Publication Date:</b>	As per ISN

## Background:

The Electronic Prescribing and Medicines Administration Data Sets have been developed as part of the Interoperable Medicines Programme. They aim to repurpose clinical and operational data concerning the prescribing and administration of medication in Health Care Providers in England who have a live Electronic Prescribing and Medication Administration system.

The Electronic Prescribing and Medicines Administration Data Sets will be linked to other national data sets to enhance intelligence and support improvements to health outcomes.

Care settings in scope of the Electronic Prescribing and Medicines Administration Data Sets are Admitted Patient Care, Out-Patients, and Emergency Care Departments. Data where a separate system is used, such as for certain cancer treatments within the scope of the Systemic Anti-Cancer Therapy Data Set, is excluded.

This Change Request adds the Electronic Prescribing and Medicines Administration Data Sets and supporting definitions to the NHS Data Model and Dictionary to support the Information Standard.

A short demonstration is available which describes "How to Read an NHS Data Model and Dictionary Change Request", in an easy to understand screen capture including a voice over and readable captions. This demonstration can be viewed at: [https://datadictionary.nhs.uk/elearning/change\\_request/index.html](https://datadictionary.nhs.uk/elearning/change_request/index.html).

Note: if the web page does not open, please copy the link and paste into the web browser. A guide to how to use the demonstration can be found at: [Demonstrations](#).

## Summary of changes:

### **Data Set**

[ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SET - MEDICINES ADMINISTRATION](#)

New Data Set

[ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SET - PRESCRIBING](#)

New Data Set

### **Supporting Information**

[CLINICAL DATA SETS INTRODUCTION](#)

Changed Description

[CLINICAL DATA SETS MENU](#)

Changed Description

[CLINICAL DATA SETS MESSAGE DOCUMENTATION](#)

Changed Description

[CLINICAL DATA SETS MESSAGE DOCUMENTATION MENU](#)

Changed Description

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[ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SETS OVERVIEW](#)

New Supporting Information

[PRESCRIBED MEDICATION AUTHORISED TIMESTAMP](#)

New Supporting Information

[PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP](#)

New Supporting Information

[PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP](#)

New Supporting Information

[XML SCHEMA TRUD DOWNLOAD](#)

Changed Description

### **Class Definitions**

[ACTIVITY DRUG](#)

Changed Attributes

[PRESCRIBED ITEM](#)

Changed Attributes

[SUBSTANCE](#)

Changed Attributes

[UNIT OF MEASUREMENT](#)

Changed Attributes

### **Attribute Definitions**

[ACTIVITY DRUG ADMINISTERED NAME](#)

New Attribute

[ACTIVITY DRUG DOSE QUANTITY VALUE](#)

New Attribute

[ACTIVITY DRUG TEXT STRING](#)

New Attribute

[MEDICATION ADMINISTRATION SETTING TYPE](#)

New Attribute

New Attribute

<a href="#"><u>PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER</u></a>	
<a href="#"><u>PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE DAY OF WEEK</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE QUANTITY VALUE</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE REPEAT PERIOD</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM DOSE REPEAT PERIOD UNIT OF MEASUREMENT</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM IDENTIFIER</u></a>	Changed Description
<a href="#"><u>PRESCRIBED ITEM TEXT STRING</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME</u></a>	New Attribute
<a href="#"><u>PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME</u></a>	New Attribute
<a href="#"><u>SUBSTANCE TEXT STRING</u></a>	New Attribute
<a href="#"><u>UNIT OF MEASUREMENT TEXT STRING</u></a>	New Attribute

### **Data Elements**

<a href="#"><u>BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION</u></a>	New Data Element
<a href="#"><u>BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION</u></a>	New Data Element
<a href="#"><u>CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION)</u></a>	New Data Element
<a href="#"><u>DATA SET CREATED TIMESTAMP</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTERED (DM+D)</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION</u></a>	New Data Element

<a href="#"><u>MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTERED NAME</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION DOSE QUANTITY VALUE</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION IDENTIFIER</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION RECORDED TIMESTAMP</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL)</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED)</u></a>	New Data Element
<a href="#"><u>MEDICATION ADMINISTRATION STATUS DESCRIPTION</u></a>	New Data Element
<a href="#"><u>METHOD OF ADMINISTRATION ACTUAL (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>METHOD OF ADMINISTRATION ACTUAL DESCRIPTION</u></a>	New Data Element
<a href="#"><u>METHOD OF ADMINISTRATION PRESCRIBED (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION</u></a>	New Data Element
<a href="#"><u>ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)</u></a>	New Data Element
<a href="#"><u>OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED ITEM IDENTIFIER</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION (DM+D)</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION</u></a>	New Data Element

<a href="#"><u>PRESCRIBED MEDICATION AUTHORISED TIMESTAMP</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4)</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE FORM (SNOMED CT)</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE FORM DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE QUANTITY VALUE</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE REPEAT PERIOD</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4)</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE TIME OF DAY</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION NAME</u></a>	New Data Element
<a href="#"><u>PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP</u></a>	New Data Element

<a href="#">PRESCRIBED MEDICATION STATUS DESCRIPTION</a>	New Data Element
<a href="#">PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION</a>	New Data Element
<a href="#">PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP</a>	New Data Element
<a href="#">PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP</a>	New Data Element
<a href="#">ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT)</a>	New Data Element
<a href="#">ROUTE OF ADMINISTRATION ACTUAL DESCRIPTION</a>	New Data Element
<a href="#">ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT)</a>	New Data Element
<a href="#">ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION</a>	New Data Element
<a href="#">THERAPEUTIC INDICATION CODE (SNOMED CT)</a>	Changed Description

**XML Schema Constraint**

<a href="#">ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SET XML SCHEMA CONSTRAINTS</a>	New XML Schema Constraint
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**Date:** As per ISN

**Sponsor:** Ann Slee, Associate Chief Clinical Information Officer, NHS England

**Note:** New text is shown with a blue background. Deleted text is crossed out. Retired text is shown in grey. Within the Diagrams deleted classes and relationships are red, changed items are blue and new items are green.

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**ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SET - MEDICINES ADMINISTRATION**

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Change to Data Set: New Data Set

<b>HEADER</b>
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<b>Header:</b> To carry header details for the submission. One occurrence of this group is required.	
<b>M/R</b>	<b>Data Set Data Elements</b>
M	<a href="#">ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)</a>

M	<u>DATA SET CREATED TIMESTAMP</u>
M	<u>PRIMARY DATA COLLECTION SYSTEM IN USE</u>
M	<u>REPORTING PERIOD START DATE</u>
M	<u>REPORTING PERIOD END DATE</u>

### MEDICATION ADMINISTRATION

**Medication Administration Occurrence:**  
**To carry details of the occurrence of medication administered to the patient.**  
**One occurrence of this group is required.**

M/R	Data Set Data Elements
R	<u>NHS NUMBER</u>
R	<u>NHS NUMBER STATUS INDICATOR CODE</u>
R	<u>PERSON BIRTH DATE</u>
R	<u>ORGANISATION SITE IDENTIFIER (OF TREATMENT)</u>
R	<u>MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL)</u>
R	<u>OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION</u>
R	<u>MEDICATION ADMINISTRATION STATUS DESCRIPTION</u>
M	<u>MEDICATION ADMINISTRATION IDENTIFIER</u>
R	<u>PRESCRIBED ITEM IDENTIFIER</u>
M	<u>PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP</u>
R	<u>CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION)</u>
R	<u>MEDICATION ADMINISTRATION RECORDED TIMESTAMP</u>
R	<u>PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN</u>
R	<u>PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION</u>
M	<u>MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP</u>
M	<u>MEDICATION ADMINISTERED NAME</u>
R	<u>MEDICATION ADMINISTERED (DM+D)</u>
R	<u>MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION</u>
R	<u>MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)</u>
R	<u>MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION</u>
R	<u>BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION</u>
R	<u>BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT)</u>
R	<u>ROUTE OF ADMINISTRATION ACTUAL DESCRIPTION</u>
R	<u>ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT)</u>
R	<u>METHOD OF ADMINISTRATION ACTUAL DESCRIPTION</u>

R	METHOD OF ADMINISTRATION ACTUAL (SNOMED CT)
R	MEDICATION ADMINISTRATION DOSE QUANTITY VALUE
R	MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION

**ACTIVE INGREDIENT**

<b>Medication Administration Active Ingredient:</b> To carry details of the active ingredient of the medication administered to the patient. Multiple occurrences of this group are permitted per medication administered.	
<b>M/R</b>	<b>Data Set Data Elements</b>
R	MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION
R	MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION

**ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SET - PRESCRIBING**

Change to Data Set: New Data Set

**HEADER**

<b>Header:</b> To carry header details for the submission. One occurrence of this group is required.	
<b>M/R</b>	<b>Data Set Data Elements</b>
M	ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)
M	DATA SET CREATED TIMESTAMP
M	PRIMARY DATA COLLECTION SYSTEM IN USE
M	REPORTING PERIOD START DATE
M	REPORTING PERIOD END DATE

**PRESCRIBED MEDICATION**

<b>Prescribed Medication:</b> To carry details of the prescribed medication for a patient. One occurrence of this group is required.	
<b>M/R</b>	<b>Data Set Data Elements</b>
R	NHS NUMBER
R	NHS NUMBER STATUS INDICATOR CODE
R	PERSON BIRTH DATE

R	<u>ORGANISATION SITE IDENTIFIER (OF TREATMENT)</u>
R	<u>MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED)</u>
R	<u>OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION STATUS DESCRIPTION</u>
M	<u>PRESCRIBED ITEM IDENTIFIER</u>
R	<u>PRESCRIBED MEDICATION AUTHORISED TIMESTAMP</u>
R	<u>PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN</u>
M	<u>PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP</u>
M	<u>PRESCRIBED MEDICATION NAME</u>
R	<u>PRESCRIBED MEDICATION (DM+D)</u>
R	<u>PRESCRIBED MEDICATION DOSE FORM DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION DOSE FORM (SNOMED CT)</u>

**Prescribed Medication Active Ingredient Substance:**  
 To carry details of the active ingredient substance contained in the medication prescribed for the patient.  
 Multiple occurrences of this group are permitted per prescribed medication.

M/R	Data Set Data Elements
R	<u>PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION</u>

**Prescribed Medication Therapeutic Indication:**  
 To carry details of the therapeutic indication for prescribing the medication for the patient.  
 Multiple occurrences of this group are permitted per prescribed medication.

M/R	Data Set Data Elements
R	<u>PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION</u>
R	<u>THERAPEUTIC INDICATION CODE (SNOMED CT)</u>

**Prescribed Medication Dosage:**  
 To carry details of the dosage of prescribed medication for the patient.  
 Multiple occurrences of this group are permitted per prescribed medication.

M/R	Data Set Data Elements
R	<u>PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER</u>
R	<u>PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION</u>
R	<u>BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION</u>
R	<u>BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT)</u>
R	<u>ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION</u>

R	<u>ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT)</u>
R	<u>METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION</u>
R	<u>METHOD OF ADMINISTRATION PRESCRIBED (SNOMED CT)</u>
R	<u>PRESCRIBED MEDICATION DOSE QUANTITY VALUE</u>
R	<u>PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE</u>
R	<u>PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE</u>
R	<u>PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE</u>
R	<u>PRESCRIBED MEDICATION DOSE REPEAT PERIOD</u>
R	<u>PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4)</u>
R	<u>PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)</u> Multiple occurrences of this data item are permitted
R	<u>PRESCRIBED MEDICATION DOSE TIME OF DAY</u> Multiple occurrences of this data item are permitted
R	<u>PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4)</u> Multiple occurrences of this data item are permitted
R	<u>PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP</u> Multiple occurrences of this data item are permitted
R	<u>PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN</u>
R	<u>PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP</u>
R	<u>PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP</u>

**Prescribed Medication Additional Dosage Instructions:**  
**To carry additional dosage instructions for the prescribed medication.**  
**Multiple occurrences of this group are permitted per Prescribed Medication Dosage.**

M/R	Data Set Data Elements
R	<u>PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION</u>
R	<u>PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT)</u>

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## CLINICAL DATA SETS INTRODUCTION

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Change to Supporting Information: Changed Description

[Clinical Data Sets](#) define a standard set of information that is generated from care records, from any [ORGANISATION](#) or system that captures the data. [Clinical Data Sets](#) define a standard set of information that is generated from [ELECTRONIC HEALTH RECORDS](#), from any [ORGANISATION](#) or system that captures the data.

[Clinical Data Sets](#) generally relate to a specific area of care, disease, or [SERVICE](#) and are at [PATIENT](#) level.

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## CLINICAL DATA SETS MENU

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Change to Supporting Information: Changed Description

- [Message Documentation](#)
- [Cancer Outcomes and Services](#)
- [Chlamydia Testing Activity](#)
- [Community Services](#)
- [Diagnostic Imaging](#)
- [Electronic Prescribing and Medicines Administration](#)
- [Female Genital Mutilation](#)
- [GUMCAD Sexually Transmitted Infection Surveillance System](#)
- [HIV and AIDS Reporting](#)
- [Improving Access to Psychological Therapies](#)
- [Maternity Services](#)
- [Mental Health Services](#)
- [National Cancer Waiting Times Monitoring](#)
- [National Neonatal](#)
- [Radiotherapy](#)
- [Sexual and Reproductive Health Activity](#)
- [Systemic Anti-Cancer Therapy](#)

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## CLINICAL DATA SETS MESSAGE DOCUMENTATION

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Change to Supporting Information: Changed Description

### **XML Schema Download:**

- [XML Schema TRUD Download](#)

### **XML Schema Constraints:**

- [Cancer Outcomes and Services Data Set XML Schema Constraints](#)

- [Diagnostic Imaging Data Set XML Schema Constraints](#)
- [Electronic Prescribing and Medicines Administration Data Set XML Schema Constraints](#)
- [HIV and AIDS Reporting Data Set XML Schema Constraints](#)

**Data Set Constraints:**

- [Community Services Data Set Constraints](#)
- [Improving Access to Psychological Therapies Data Set Constraints](#)
- [Mental Health Services Data Set Constraints](#)
- [National Neonatal Data Set Constraints](#)
- [Radiotherapy Data Set Constraints](#)
- [Systemic Anti-Cancer Therapy Data Set Constraints](#)

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**CLINICAL DATA SETS MESSAGE DOCUMENTATION MENU**

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Change to Supporting Information: Changed Description

[Clinical Data Sets Menu](#)

**XML Schema Download:**

- [XML Schema TRUD Download](#)

**XML Schema Constraints:**

- [Cancer Outcomes and Services](#)
- [Diagnostic Imaging](#)
- [Electronic Prescribing and Medicines Administration](#)
- [HIV and AIDS](#)

**Data Set Constraints:**

- [Community Services](#)
- [Improving Access to Psychological Therapies](#)
- [Mental Health Services](#)
- [National Neonatal Data Set](#)
- [Radiotherapy](#)
- [Systemic Anti-Cancer Therapy](#)

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**ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SETS INTRODUCTION**

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Change to Supporting Information: New Supporting Information

The [Electronic Prescribing and Medicine Administration Data Set](#) is made up of the following data sets:

- **Prescribing**  
The EPMA - Prescribing Data Set relates to PRESCRIBED ITEMS for a PATIENT, including information on the active ingredient SUBSTANCES, dosage instructions and therapeutic indications for prescribing.
- **Medicines Administration**  
The EPMA - Medicines Administration Data Set relates to the administration of PRESCRIBED ITEMS to a PATIENT.

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## ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SETS MENU

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Change to Supporting Information: New Supporting Information

- **Message Documentation**
- **Clinical Data Sets Menu**
- **Electronic Prescribing and Medicines Administration Data Sets**
  - Prescribing**
  - Medicines Administration**

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## ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SETS OVERVIEW

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Change to Supporting Information: New Supporting Information

### Introduction

The Electronic Prescribing and Medicines Administration Data Sets are secondary use data sets which aim to re-purpose clinical and operational data concerning the prescribing and administration of medication in Health Care Providers in England who have a live Electronic Prescribing and Medication Administration system.

The utilisation of secondary care PATIENT-level data supports improvements to health outcomes, and the Electronic Prescribing and Medicines Administration Data Sets will be linked to other national data sets to provide enhanced intelligence to support:

- safety and effectiveness
- monitoring uptake of innovative medicine
- pharmacovigilance
- cost-effectiveness (pharmacoeconomics)
- compliance with best practice and policy directives
- antimicrobial stewardship

Data in scope of the [Electronic Prescribing and Medicines Administration Data Sets](#) is from the Primary Electronic Prescribing and Medicine Administration system. Therefore the data should not include activity where a separate system is used, for example for the delivery of certain cancer treatments (such as those covered by the [Systemic Anti-Cancer Therapy Data Set](#)), the prescribing and administration of specific medications such as Warfarin, and delivery of medications in specific care settings such as Intensive Care Units.

Care settings in scope of the [Electronic Prescribing and Medicines Administration Data Sets](#) are:

- Admitted Patient Setting - on a [WARD](#) during a [Hospital Provider Spell](#)
- Out-Patient Setting - in an [Out-Patient Clinic](#) or [Ward Attendance](#)
- [Emergency Care Department](#) setting
- Admitted Patient - on Discharge from the [Hospital Provider Spell](#)
- Admitted Patient - for [Home Leave](#)
- Admitted Patient - existing medication on admission
- Other Medication Administration Setting

## Submission Information

[Electronic Prescribing and Medicines Administration Data Sets](#) data for submission must be formatted into XML files as per the [Technology Reference Update Distribution \(TRUD\)](#) page at: [NHS Data Model and Dictionary: DD XML Schemas](#).

The data sets should be extracted from the primary Electronic Prescribing and Medicine Administration system on a weekly basis, covering the previous seven days' [ACTIVITY](#) for both prescribing and medicines administration.

Data submissions are made to [NHS Digital](#) using the [Message Exchange for Social Care and Health \(MESH\)](#) portal.

## Further Guidance

Further guidance for the [Electronic Prescribing and Medicines Administration Data Sets](#) is available at [Interoperable Medicines Programme](#).

## Mandation

The Mandation column indicates the recommendation for the inclusion of data.

- M = Mandatory: this data element is mandatory and the technical process (e.g. submission of the data set, production of output etc) cannot be completed without this data element being present
- R = Required: NHS business processes cannot be delivered without this data element

## XML Schema

For guidance on the XML Schema constraints, see the [Electronic Prescribing and Medicines Administration Data Set XML Schema Constraints](#).

For guidance on downloading the XML Schema, see [XML Schema TRUD Download](#).

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### PRESCRIBED MEDICATION AUTHORISED TIMESTAMP

---

Change to Supporting Information: New Supporting Information

A [Prescribed Medication Authorised Timestamp](#) is an [ACTIVITY DATE TIME](#) and time zone.

A [Prescribed Medication Authorised Timestamp](#) is the date, time and time zone when a [CARE PROFESSIONAL](#) authorised a [PRESCRIBED ITEM](#) to be dispensed for a [PATIENT](#).

**This supporting information is also known by these names:**

Context	Alias
plural	Prescribed Medication Authorised Timestamps

---

### PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP

---

Change to Supporting Information: New Supporting Information

A [Prescribed Medication Dose To Be Administered Timestamp](#) is an [PLANNED ACTIVITY DATE TIME](#) and time zone.

A [Prescribed Medication Dose To Be Administered Timestamp](#) is the date, time and time zone when the [PRESCRIBED ITEM](#) is to be administered to the [PATIENT](#).

**This supporting information is also known by these names:**

Context	Alias
plural	Prescribed Medication Dose To Be Administered Timestamps

---

### PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP

---

Change to Supporting Information: New Supporting Information

A Prescribed Medication Record Last Updated Timestamp is an ACTIVITY DATE TIME and time zone.

A Prescribed Medication Record Last Updated Timestamp is the date, time and time zone when the ELECTRONIC HEALTH RECORD for a PRESCRIBED ITEM was last updated.

**This supporting information is also known by these names:**

Context	Alias
plural	Prescribed Medication Record Last Updated Timestamps

---

#### XML SCHEMA TRUD DOWNLOAD

---

Change to Supporting Information: Changed Description

#### Background:

XML Schemas and Release Notes can be downloaded from [Technology Reference Update Distribution \(TRUD\)](#).

In order to access the XML Schemas and Release Notes on [Technology Reference Update Distribution \(TRUD\)](#), users will be required to:

- Create a [TRUD](#) account at: [TRUD: Account Creation](#) (if an account does not currently exist. This only has to be done once to access any XML Schema)
- Log into [TRUD](#) at: [TRUD: Log in](#)
- Access [NHS Data Model and Dictionary: DD XML Schemas](#) and subscribe to the XML Schema to be downloaded
- Accept the licence and request the subscription (an email will be sent immediately to confirm that the request has been accepted and the files can be downloaded, which avoids any delays)
- Once the "Subscription accepted" email has been received, download the zip file from [NHS Data Model and Dictionary: DD XML Schemas](#).

Once an XML Schema has been added to [TRUD](#), users who have subscribed to that item will be automatically notified by email of any updates to that area, for example, new versions, retirements etc.

#### XML Schema Download:

XML Schemas and Release Notes for the following Data Sets in the NHS Data Model and Dictionary can be downloaded from [Technology Reference Update Distribution \(TRUD\)](#) at: [NHS Data Model and Dictionary: DD XML Schemas](#).

- [Cancer Outcomes and Services Data Set \(COSDS\)](#)
- [Community Services Data Set \(CSDS\)](#)
- [Commissioning Data Set \(CDS\) V6-2 and V6-2-0](#)
- [Commissioning Data Set \(CDS\) V6-2-2](#)
- [Commissioning Data Set \(CDS\) V6-2-3](#)
- [Commissioning Data Set \(CDS\) V6-3](#)
- [Diagnostic Imaging Data Set \(DIDS\)](#)
- [Electronic Prescribing and Medicines Administration Data Sets \(EPMA\)](#)
- [HIV and AIDS Reporting Data Set \(HARS\)](#)
- [Maternity Services Data Set \(MSDS\)](#)
- [National Cancer Waiting Times Monitoring Data Set \(NCWTMDS\)](#)

For supplementary information on the XML Schema Publication and Download, see the [NHS Data Model and Dictionary Service](#) part of the [NHS Digital](#) website at: [Policies: XML Schema Publication and Download guidance](#).

---

## ACTIVITY DRUG

---

Change to Class: Changed Attributes

*Attributes of this Class are:*

[ACTIVITY DRUG ADMINISTERED NAME](#)

[ACTIVITY DRUG DOSE QUANTITY VALUE](#)

[ACTIVITY DRUG TEXT STRING](#)

ANTENATAL STEROID COURSE COMPLETION STATUS

CLINICAL TRIAL MEDICATION ADMINISTERED NAME

DRUG QUANTITY OR WEIGHT PROPORTION

DRUG STRENGTH

DRUG VOLUME

[MEDICATION ADMINISTRATION SETTING TYPE](#)

SYSTEMIC ANTI CANCER THERAPY ACTUAL DOSE

SYSTEMIC ANTI CANCER THERAPY DRUG NAME

SYSTEMIC ANTI CANCER THERAPY TOXICITY MODIFICATION INDICATOR

---

## PRESCRIBED ITEM

---

Change to Class: Changed Attributes

*Attributes of this Class are:*

K        PRESCRIBED ITEM IDENTIFIER  
PRE EXPOSURE PROPHYLAXIS DRUG REGIMEN CODE  
PRESCRIBED DOSE  
PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER  
PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN  
PRESCRIBED ITEM DOSE DAY OF WEEK  
PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN  
PRESCRIBED ITEM DOSE QUANTITY VALUE  
PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE  
PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE  
PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE  
PRESCRIBED ITEM DOSE REPEAT PERIOD  
PRESCRIBED ITEM DOSE REPEAT PERIOD UNIT OF MEASUREMENT  
PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE  
BOOLEAN  
PRESCRIBED ITEM NAME  
PRESCRIBED ITEM QUANTITY FOR PRE EXPOSURE PROPHYLAXIS  
PRESCRIBED ITEM TEXT STRING  
PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME  
PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME

---

**SUBSTANCE**

---

Change to Class: Changed Attributes

*Attributes of this Class are:*

K        SUBSTANCE IDENTIFIER  
SUBSTANCE TEXT STRING

---

**UNIT OF MEASUREMENT**

---

Change to Class: Changed Attributes

*Attributes of this Class are:*

OTHER UNIT OF MEASUREMENT DESCRIPTION FOR SYSTEMIC ANTI  
CANCER THERAPY  
UCUM UNIT OF MEASUREMENT  
UNIT OF MEASUREMENT FOR SYSTEMIC ANTI CANCER THERAPY

**UNIT OF MEASUREMENT TEXT STRING**

---

**ACTIVITY DRUG ADMINISTERED NAME**

---

Change to Attribute: New Attribute

The name of an **ACTIVITY DRUG** administered to a **PATIENT**.

---

**ACTIVITY DRUG ADMINISTERED NAME**

---

Change to Attribute: New Attribute

**ACTIVITY DRUG ADMINISTERED NAME**

Data Elements:

**MEDICATION ADMINISTERED NAME**

---

**ACTIVITY DRUG DOSE QUANTITY VALUE**

---

Change to Attribute: New Attribute

The numerical quantity of an **ACTIVITY DRUG** administered to the **PATIENT**.

---

**ACTIVITY DRUG DOSE QUANTITY VALUE**

---

Change to Attribute: New Attribute

**ACTIVITY DRUG DOSE QUANTITY VALUE**

Data Elements:

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE**

---

**ACTIVITY DRUG TEXT STRING**

---

Change to Attribute: New Attribute

A free text string to record information relating to an **ACTIVITY DRUG**.

## ACTIVITY DRUG TEXT STRING

---

Change to Attribute: New Attribute

## ACTIVITY DRUG TEXT STRING

### Data Elements:

BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION
MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION
MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION
MEDICATION ADMINISTRATION STATUS DESCRIPTION
OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION

---

## MEDICATION ADMINISTRATION SETTING TYPE

---

Change to Attribute: New Attribute

The type of setting within a Health Care Provider where a PRESCRIBED ITEM is planned to be, or is actually, given to the PATIENT.

### National Codes:

- 1 Admitted Patient Setting - on WARD
- 2 Out-Patient Setting - in Out-Patient Clinic or Ward Attendance
- 3 Emergency Care Department setting
- 4 Admitted Patient - on Discharge from Hospital Provider
- 5 Admitted Patient - for Home Leave
- 6 Admitted Patient - existing medication on admission
- 7 Other Medication Administration Setting

### This attribute is also known by these names:

Context	Alias
possessive	MEDICATION ADMINISTRATION SETTING TYPES

---

## MEDICATION ADMINISTRATION SETTING TYPE

---

Change to Attribute: New Attribute

## MEDICATION ADMINISTRATION SETTING TYPE

**Data Elements:**

MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL)
MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED)

---

**PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER**

---

Change to Attribute: New Attribute

The sequence number of the PRESCRIBED ITEM dosage instructions, recorded to indicate the order in which the dosage instructions are to be applied or interpreted.

**This attribute is also known by these names:**

Context	Alias
plural	PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBERS

---

**PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER**

**Data Elements:**

PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER
--

---

**PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN**

---

Change to Attribute: New Attribute

A boolean value to indicate whether a PRESCRIBED ITEM dose is to be administered to a PATIENT as needed, rather than to a specific schedule.

**National Codes:**

- true The PRESCRIBED ITEM is to be administered as needed
- false The PRESCRIBED ITEM is not to be administered as needed

---

**PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN**

---

Change to Attribute: New Attribute

## PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN

Data Elements:

PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN
---

---

PRESCRIBED ITEM DOSE DAY OF WEEK

Change to Attribute: New Attribute

The day of the week on which a PRESCRIBED ITEM is to be administered to a PATIENT.

This attribute is also known by these names:

Context	Alias
plural	PRESCRIBED ITEM DOSE DAYS OF WEEK

---

PRESCRIBED ITEM DOSE DAY OF WEEK

Change to Attribute: New Attribute

## PRESCRIBED ITEM DOSE DAY OF WEEK

Data Elements:

PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)
--

---

PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN

Change to Attribute: New Attribute

A boolean value to indicate whether a PRESCRIBED ITEM dose was not administered to the PATIENT.

*National Codes:*

- true The PRESCRIBED ITEM was not administered to the PATIENT
- false The PRESCRIBED ITEM was administered to the PATIENT

---

PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN

Change to Attribute: New Attribute

## **PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN**

Data Elements:

PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN

---

### **PRESCRIBED ITEM DOSE QUANTITY VALUE**

Change to Attribute: New Attribute

The numerical quantity of a PRESCRIBED ITEM dose to be administered to the PATIENT.

---

### **PRESCRIBED ITEM DOSE QUANTITY VALUE**

Change to Attribute: New Attribute

## **PRESCRIBED ITEM DOSE QUANTITY VALUE**

Data Elements:

PRESCRIBED MEDICATION DOSE QUANTITY VALUE

---

### **PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE**

Change to Attribute: New Attribute

The numerical permitted high dose quantity of a PRESCRIBED ITEM to be administered to the PATIENT, where the dosage is expressed as a range.

---

### **PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE**

Change to Attribute: New Attribute

## **PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE**

Data Elements:

PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE

**PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE**

---

Change to Attribute: New Attribute

The numerical permitted low dose quantity of a PRESCRIBED ITEM to be administered to the PATIENT, where the dosage is expressed as a range.

---

**PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE**

Data Elements:

PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE

---

**PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE**

---

Change to Attribute: New Attribute

The numerical frequency of a repeat dose of a PRESCRIBED ITEM to be administered to the PATIENT.

---

**PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE**

Data Elements:

PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE

---

**PRESCRIBED ITEM DOSE REPEAT PERIOD**

---

Change to Attribute: New Attribute

The repeat period length for a repeat dose of a PRESCRIBED ITEM to be administered to the PATIENT.

---

**PRESCRIBED ITEM DOSE REPEAT PERIOD**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM DOSE REPEAT PERIOD**

Data Elements:

PRESCRIBED MEDICATION DOSE REPEAT PERIOD

---

**PRESCRIBED ITEM DOSE REPEAT PERIOD UNIT OF MEASUREMENT**

---

Change to Attribute: New Attribute

The UNIT OF MEASUREMENT of the repeat period for a dose of a PRESCRIBED ITEM to be administered to the PATIENT.

---

**PRESCRIBED ITEM DOSE REPEAT PERIOD UNIT OF MEASUREMENT**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM DOSE REPEAT PERIOD UNIT OF MEASUREMENT**

Data Elements:

PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4)

---

**PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN**

---

Change to Attribute: New Attribute

A boolean value to indicate whether a GENERAL MEDICAL PRACTITIONER has been requested to continue to prescribe a PRESCRIBED ITEM of medication after a PATIENT has been discharged from a Health Care Provider.

*National Codes:*

true

The [GENERAL MEDICAL PRACTITIONER](#) has been requested to continue to prescribe medication  
false The [GENERAL MEDICAL PRACTITIONER](#) has not been requested to continue to prescribe medication

---

**PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN**

Data Elements:

<a href="#">PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN</a>
---

---

**PRESCRIBED ITEM IDENTIFIER**

---

Change to Attribute: Changed Description

The unique identifier for a [PRESCRIBED ITEM](#) within a [PRESCRIPTION](#).

~~This item is not referenced in a data set in the NHS Data Model and Dictionary. It has been retained to ensure the modelling is consistent.~~

---

**PRESCRIBED ITEM TEXT STRING**

---

Change to Attribute: New Attribute

A free text string to record information relating to a [PRESCRIBED ITEM](#) and its dosage instructions.

**This attribute is also known by these names:**

Context	Alias
plural	<a href="#">PRESCRIBED ITEM TEXT STRINGS</a>

---

**PRESCRIBED ITEM TEXT STRING**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM TEXT STRING**

Data Elements:

<u>BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION</u>
<u>METHOD OF ADMINISTRATION ACTUAL DESCRIPTION</u>
<u>METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION</u>
<u>PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION</u>
<u>PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION</u>
<u>PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4)</u>
<u>PRESCRIBED MEDICATION DOSE FORM DESCRIPTION</u>
<u>PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION</u>
<u>PRESCRIBED MEDICATION STATUS DESCRIPTION</u>
<u>PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION</u>
<u>ROUTE OF ADMINISTRATION ACTUAL DESCRIPTION</u>
<u>ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION</u>

---

**PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME**

---

Change to Attribute: New Attribute

The date and time on which a PRESCRIBED ITEM for a PATIENT ceases to be valid as a CLINICAL INTERVENTION.

This is the latest date and time on which a PRESCRIBED ITEM can be dispensed.

---

**PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME**

Data Elements:

<u>PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP</u>
--

**PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME**

---

Change to Attribute: New Attribute

The date and time on which a PRESCRIBED ITEM for a PATIENT becomes valid as a CLINICAL INTERVENTION.

This is the earliest date and time on which a PRESCRIBED ITEM can be dispensed.

---

**PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME**

---

Change to Attribute: New Attribute

**PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME**

Data Elements:

<u>PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP</u>
--

---

**SUBSTANCE TEXT STRING**

---

Change to Attribute: New Attribute

A free text string to record information relating to a SUBSTANCE.

This attribute is also known by these names:

Context	Alias
plural	SUBSTANCE TEXT STRINGS

---

**SUBSTANCE TEXT STRING**

---

Change to Attribute: New Attribute

**SUBSTANCE TEXT STRING**

Data Elements:

<u>MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION</u>
<u>MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION</u>

---

PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION  
PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH  
DESCRIPTION

---

**UNIT OF MEASUREMENT TEXT STRING**

Change to Attribute: New Attribute

A free text string to record information relating to a UNIT OF MEASUREMENT.

**This attribute is also known by these names:**

<b>Context</b>	<b>Alias</b>
plural	<u>UNIT OF MEASUREMENT TEXT STRINGS</u>

---

**UNIT OF MEASUREMENT TEXT STRING**

Change to Attribute: New Attribute

**UNIT OF MEASUREMENT TEXT STRING**

**Data Elements:**

MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT  
DESCRIPTION  
PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT  
DESCRIPTION  
PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF  
MEASUREMENT DESCRIPTION  
PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF  
MEASUREMENT DESCRIPTION

---

**BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT)**

Change to Data Element: New Data Element

Format/Length:	See <u>SNOMED CT CODE</u>
National Codes:	
Default Codes:	

**Notes:**

BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT) is the same as attribute CLINICAL TERMINOLOGY CODE.

BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT) is the SNOMED CT® concept ID which is used to identify the anatomical body site to which a PRESCRIBED ITEM was administered.

NOTE: SNOMED CT CODE constraint for 'Anatomical or acquired body structure (body structure)': <<442083009.

---

**BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT)**

---

Change to Data Element: New Data Element

**BODY SITE OF ADMINISTRATION ACTUAL (SNOMED CT)**

Attribute:

CLINICAL TERMINOLOGY CODE

---

**BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION is the same as attribute ACTIVITY DRUG TEXT STRING.

BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION is free text to specify the anatomical body site to which a PRESCRIBED ITEM was administered.

---

**BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION**

---

Change to Data Element: New Data Element

## BODY SITE OF ADMINISTRATION ACTUAL DESCRIPTION

Attribute:

ACTIVITY DRUG TEXT STRING

### BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT)

Change to Data Element: New Data Element

Format/Length: See SNOMED CT CODE  
National Codes:  
Default Codes:

Notes:

BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT) is the same as attribute CLINICAL TERMINOLOGY CODE.

BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT) is the SNOMED CT® concept ID which is used to identify the anatomical body site to which a PRESCRIBED ITEM is to be administered.

NOTE: SNOMED CT CODE constraint for 'Anatomical or acquired body structure (body structure)': <<442083009.

### BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT)

Change to Data Element: New Data Element

## BODY SITE OF ADMINISTRATION PRESCRIBED (SNOMED CT)

Attribute:

CLINICAL TERMINOLOGY CODE

### BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION

Change to Data Element: New Data Element

Format/Length: max an255

National Codes:

Default Codes:

**Notes:**

BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING.

BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION is free text to specify the anatomical body site to which a PRESCRIBED ITEM should be administered.

---

**BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION**

Change to Data Element: New Data Element

**BODY SITE OF ADMINISTRATION PRESCRIBED DESCRIPTION**

Attribute:

PRESCRIBED ITEM TEXT STRING

---

**CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION)**

Change to Data Element: New Data Element

Format/Length: max an25

National Codes:

Default Codes:

**Notes:**

CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION) is the same as attribute ACTIVITY DATE and ACTIVITY TIME.

CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION) is the date, time and time zone that the Patient Procedure to administer a PRESCRIBED ITEM to a PATIENT was performed by a CARE PROFESSIONAL.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

This data element is also known by these names:

Context	Alias
plural	CODED PROCEDURE TIMESTAMPS (MEDICATION ADMINISTRATION)

CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION)

Change to Data Element: New Data Element

## CODED PROCEDURE TIMESTAMP (MEDICATION ADMINISTRATION)

Attribute:

ACTIVITY DATE
ACTIVITY TIME

DATA SET CREATED TIMESTAMP

Change to Data Element: New Data Element

Format/Length:	max an25
National Codes:	
Default Codes:	

Notes:

DATA SET CREATED TIMESTAMP is the same as attribute EVENT DATE and EVENT TIME.

DATA SET CREATED TIMESTAMP is the date, time and time zone that a data set was created.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

This data element is also known by these names:

Context	Alias
plural	DATA SET CREATED TIMESTAMPS

---

**DATA SET CREATED TIMESTAMP**

Change to Data Element: New Data Element

**DATA SET CREATED TIMESTAMP**

Attribute:

EVENT DATE
EVENT TIME

---

**MEDICATION ADMINISTERED (DM+D)**

Change to Data Element: New Data Element

Format/Length:	min n6 max n18
National Codes:	
Default Codes:	

**Notes:**

MEDICATION ADMINISTERED (DM+D) is the same as attribute CLINICAL TERMINOLOGY CODE.

MEDICATION ADMINISTERED (DM+D) is the SNOMED CT® concept ID from the NHS Dictionary of Medicines and Devices which is used to identify the ACTIVITY DRUG administered to the PATIENT.

**This data element is also known by these names:**

Context	Alias
plural	MEDICATIONS ADMINISTERED (DM+D)

---

**MEDICATION ADMINISTERED (DM+D)**

Change to Data Element: New Data Element

**MEDICATION ADMINISTERED (DM+D)**

**Attribute:**

<u>CLINICAL TERMINOLOGY CODE</u>
----------------------------------

---

**MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION**

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION is the same as attribute SUBSTANCE TEXT STRING.

MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION is free text to describe the active ingredient SUBSTANCE in an ACTIVITY DRUG administered to a PATIENT.

**MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE DESCRIPTION**

**Attribute:**

SUBSTANCE TEXT STRING

---

**MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION is the same as attribute SUBSTANCE TEXT STRING.

MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION is free text to describe the strength of the active ingredient SUBSTANCE in an ACTIVITY DRUG administered to a PATIENT.

---

**MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTERED ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION**

**Attribute:**

SUBSTANCE TEXT STRING

---

**MEDICATION ADMINISTERED NAME**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**  
MEDICATION ADMINISTERED NAME is the same as attribute ACTIVITY DRUG ADMINISTERED NAME.

For the Electronic Prescribing And Medicines Administration Data Set - Medicines Administration data set, MEDICATION ADMINISTERED NAME is the name of the ACTIVITY DRUG used locally within the Electronic Prescribing and Medicines Administration system within the Health Care Provider.

**This data element is also known by these names:**

Context	Alias
plural	MEDICATION ADMINISTERED NAMES

---

**MEDICATION ADMINISTERED NAME**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTERED NAME**

Attribute:  
ACTIVITY DRUG ADMINISTERED NAME

---

**MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**  
MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION is the same as attribute ACTIVITY DRUG TEXT STRING.

**MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION** records a free text description of the actual **PRESCRIBED ITEM** dose administered to the **PATIENT**.

---

**MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION DOSE ACTUAL DESCRIPTION**

**Attribute:**

**ACTIVITY DRUG TEXT STRING**

---

**MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)**

---

Change to Data Element: New Data Element

<b>Format/Length:</b>	See <b>SNOMED CT CODE</b>
<b>National Codes:</b>	
<b>Default Codes:</b>	

**Notes:**

**MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)** is the same as attribute **CLINICAL TERMINOLOGY CODE**.

**MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)** is the **SNOMED CT®** concept ID which is used to identify the dose form of an **ACTIVITY DRUG**.

**SNOMED CT Refset Metadata:**

- **Refset FSN: National Health Service dictionary of medicines and devices dose form simple reference set (foundation metadata concept)**
- **Refset Id : 999000781000001107**

For further details relating to the **SNOMED CT Refset Metadata**, see the **SNOMED CT Browser** at: **National Health Service dictionary of medicines and devices dose form simple reference set**.

**This data element is also known by these names:**

<b>Context</b>	<b>Alias</b>

snomedctrefsetname	National Health Service dictionary of medicines and devices dose form simple reference set (foundation metadata concept)
snomedctrefsetid	999000781000001107

---

**MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION DOSE FORM (SNOMED CT)**

Attribute:

CLINICAL TERMINOLOGY CODE

---

**MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

Notes:

MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION is the same as attribute ACTIVITY DRUG TEXT STRING.

MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION is free text to describe the dose form of an ACTIVITY DRUG.

---

**MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION DOSE FORM DESCRIPTION**

Attribute:

ACTIVITY DRUG TEXT STRING

---

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE**

---

Change to Data Element: New Data Element

Format/Length:	max n10.max n6
National Codes:	
Default Codes:	

**Notes:**

MEDICATION ADMINISTRATION DOSE QUANTITY VALUE is the same as attribute ACTIVITY DRUG DOSE QUANTITY VALUE.

---

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE**

**Attribute:**

<u>ACTIVITY DRUG DOSE QUANTITY VALUE</u>
--

---

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION is the same as attribute UNIT OF MEASUREMENT TEXT STRING.

MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION describes the UNIT OF MEASUREMENT of the ACTIVITY DRUG DOSE QUANTITY VALUE.

For the Electronic Prescribing And Medicines Administration Data Set - Medicines Administration, a UCUM UNIT OF MEASUREMENT value should be used in preference to free text.

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

**Attribute:**

UNIT OF MEASUREMENT TEXT STRING

---

**MEDICATION ADMINISTRATION IDENTIFIER**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

**MEDICATION ADMINISTRATION IDENTIFIER** is the same as attribute **ACTIVITY IDENTIFIER**.

**MEDICATION ADMINISTRATION IDENTIFIER** is a unique identifier specific to an **ORGANISATION** which identifies an instance of the administration of a **PRESCRIBED ITEM** to a **PATIENT**.

A **MEDICATION ADMINISTRATION IDENTIFIER** must not contain any patient-identifiable information, or any textual or clinically-coded information relating to the **PATIENT DIAGNOSIS** or Patient Procedures to be undertaken.

**This data element is also known by these names:**

Context	Alias
plural	MEDICATION ADMINISTRATION IDENTIFIERS

---

**MEDICATION ADMINISTRATION IDENTIFIER**

---

Change to Data Element: New Data Element

## MEDICATION ADMINISTRATION IDENTIFIER

Attribute:

ACTIVITY IDENTIFIER

### MEDICATION ADMINISTRATION RECORDED TIMESTAMP

Change to Data Element: New Data Element

Format/Length: max an25

National Codes:

Default Codes:

#### Notes:

**MEDICATION ADMINISTRATION RECORDED TIMESTAMP** is the same as attribute **ACTIVITY DATE** and **ACTIVITY TIME**.

**MEDICATION ADMINISTRATION RECORDED TIMESTAMP** is the date, time and time zone that the administration of a **PRESCRIBED ITEM** to a **PATIENT** was recorded in the **ELECTRONIC HEALTH RECORD**.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

This data element is also known by these names:

Context	Alias
plural	MEDICATION ADMINISTRATION RECORDED TIMESTAMPS

---

## MEDICATION ADMINISTRATION RECORDED TIMESTAMP

---

Change to Data Element: New Data Element

## MEDICATION ADMINISTRATION RECORDED TIMESTAMP

Attribute:

ACTIVITY DATE
ACTIVITY TIME

---

## MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP

---

Change to Data Element: New Data Element

Format/Length:	max an25
National Codes:	
Default Codes:	

### Notes:

**MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP** is the same as attribute **ACTIVITY DATE** and **ACTIVITY TIME**.

**MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP** is the date, time and time zone that the record of the administration of **PRESCRIBED ITEMS** to a **PATIENT** was last updated in the **ELECTRONIC HEALTH RECORD**.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

This data element is also known by these names:

Context	Alias
plural	MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMPS

---

MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP

---

Change to Data Element: New Data Element

## MEDICATION ADMINISTRATION RECORD LAST UPDATED TIMESTAMP

Attribute:

ACTIVITY DATE
ACTIVITY TIME

---

MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL)

---

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	
Default Codes:	

Notes:

MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL) is the same as attribute MEDICATION ADMINISTRATION SETTING TYPE.

MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL) is the actual setting where a PRESCRIBED ITEM was administered.

*Permitted National Codes:*

- 1 Admitted Patient Setting - on WARD
- 2 Out-Patient Setting - in Out-Patient Clinic or Ward Attendance
- 3 Emergency Care Department setting
- 7 Other Medication Administration Setting

---

**MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL)**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION SETTING TYPE (ACTUAL)**

**Attribute:**

MEDICATION ADMINISTRATION SETTING TYPE

---

**MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED)**

---

Change to Data Element: New Data Element

Format/Length:	an1
National Codes:	See MEDICATION ADMINISTRATION SETTING TYPE
Default Codes:	

**Notes:**

MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED) is the same as attribute MEDICATION ADMINISTRATION SETTING TYPE.

MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED) is the expected setting for administration of a PRESCRIBED ITEM.

---

**MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED)**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION SETTING TYPE (PRESCRIBED)**

**Attribute:**

MEDICATION ADMINISTRATION SETTING TYPE

---

**MEDICATION ADMINISTRATION STATUS DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	

Default Codes:

**Notes:**

MEDICATION ADMINISTRATION STATUS DESCRIPTION is the same as attribute ACTIVITY DRUG TEXT STRING.

MEDICATION ADMINISTRATION STATUS DESCRIPTION is free text to describe the status of medication administration for an ACTIVITY DRUG.

---

**MEDICATION ADMINISTRATION STATUS DESCRIPTION**

---

Change to Data Element: New Data Element

**MEDICATION ADMINISTRATION STATUS DESCRIPTION**

Attribute:

ACTIVITY DRUG TEXT STRING

---

**METHOD OF ADMINISTRATION ACTUAL (SNOMED CT)**

---

Change to Data Element: New Data Element

Format/Length: See SNOMED CT CODE

National Codes:

Default Codes:

**Notes:**

METHOD OF ADMINISTRATION ACTUAL (SNOMED CT) is the same as attribute CLINICAL TERMINOLOGY CODE.

METHOD OF ADMINISTRATION ACTUAL (SNOMED CT) is the SNOMED CT® concept ID which is used to identify the actual method of administration of a PRESCRIBED ITEM.

SNOMED CT Refset Metadata:

- Refset FSN: ePrescribing method simple reference set (foundation metadata concept)
- Refset Id : 999000041000001103

For further details relating to the SNOMED CT Refset Metadata, see the SNOMED CT Browser at: NHS e-Prescribing method subset.

**This data element is also known by these names:**

Context	Alias
snomedctrefsetname	ePrescribing method simple reference set (foundation metadata concept)
snomedctrefsetid	999000041000001103

---

**METHOD OF ADMINISTRATION ACTUAL (SNOMED CT)**

---

Change to Data Element: New Data Element

**METHOD OF ADMINISTRATION ACTUAL (SNOMED CT)**

**Attribute:**

CLINICAL TERMINOLOGY CODE

---

**METHOD OF ADMINISTRATION ACTUAL DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

METHOD OF ADMINISTRATION ACTUAL DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING.

METHOD OF ADMINISTRATION ACTUAL DESCRIPTION is free text to describe the actual method of administration for a PRESCRIBED ITEM.

---

**METHOD OF ADMINISTRATION ACTUAL DESCRIPTION**

---

Change to Data Element: New Data Element

**METHOD OF ADMINISTRATION ACTUAL DESCRIPTION**

**Attribute:**

## PRESCRIBED ITEM TEXT STRING

### METHOD OF ADMINISTRATION PRESCRIBED (SNOMED CT)

Change to Data Element: New Data Element

Format/Length: See [SNOMED CT CODE](#)  
National Codes:  
Default Codes:

#### Notes:

[METHOD OF ADMINISTRATION PRESCRIBED \(SNOMED CT\)](#) is the same as attribute [CLINICAL TERMINOLOGY CODE](#).

[METHOD OF ADMINISTRATION PRESCRIBED \(SNOMED CT\)](#) is the [SNOMED CT®](#) concept ID which is used to identify the prescribed method of administration of a [PRESCRIBED ITEM](#).

#### [SNOMED CT Refset Metadata](#):

- Refset FSN: ePrescribing method simple reference set (foundation metadata concept)
- Refset Id : 999000041000001103

For further details relating to the [SNOMED CT Refset Metadata](#), see the [SNOMED CT Browser](#) at: [NHS e-Prescribing method of administration simple reference set](#).

#### This data element is also known by these names:

Context	Alias
<a href="#">snomedctrefsetname</a>	<a href="#">ePrescribing method simple reference set (foundation metadata concept)</a>
<a href="#">snomedctrefsetid</a>	<a href="#">999000041000001103</a>

### METHOD OF ADMINISTRATION PRESCRIBED (SNOMED CT)

Change to Data Element: New Data Element

## METHOD OF ADMINISTRATION PRESCRIBED (SNOMED CT)

Attribute:

## CLINICAL TERMINOLOGY CODE

### METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

#### Notes:

**METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION** is the same as attribute **PRESCRIBED ITEM TEXT STRING**.

**METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION** is free text to describe the prescribed method of administration for a **PRESCRIBED ITEM**.

### METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION

Change to Data Element: New Data Element

## METHOD OF ADMINISTRATION PRESCRIBED DESCRIPTION

#### Attribute:

PRESCRIBED ITEM TEXT STRING

### ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)

Change to Data Element: New Data Element

Format/Length: min an5 max an9  
National Codes:  
Default Codes:

#### Notes:

**ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)** is the same as attribute **ORGANISATION SITE IDENTIFIER**.

**ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)** is the **ORGANISATION SITE IDENTIFIER** of the **ORGANISATION SITE** where an **ELECTRONIC HEALTH RECORD** system is located.

**This data element is also known by these names:**

Context	Alias
plural	ORGANISATION SITE IDENTIFIERS (SYSTEM LOCATION)

---

**ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)**

Change to Data Element: New Data Element

## **ORGANISATION SITE IDENTIFIER (SYSTEM LOCATION)**

**Attribute:**

<b>ORGANISATION SITE IDENTIFIER</b>
-------------------------------------

---

**OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION**

Change to Data Element: New Data Element

<b>Format/Length:</b> max an255
<b>National Codes:</b>
<b>Default Codes:</b>

**Notes:**

**OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION** is the same as attribute **ACTIVITY DRUG TEXT STRING**.

**OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION** is free text to specify the setting for the administration of a **PRESCRIBED ITEM** to a **PATIENT**, where the **MEDICATION ADMINISTRATION SETTING TYPE** is National Code '*Other Medication Administration Setting*'.

---

**OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION**

Change to Data Element: New Data Element

## OTHER MEDICATION ADMINISTRATION SETTING DESCRIPTION

### Attribute:

ACTIVITY DRUG TEXT STRING

### PRESCRIBED ITEM IDENTIFIER

Change to Data Element: New Data Element

Format/Length: max an255

National Codes:

Default Codes:

### Notes:

PRESCRIBED ITEM IDENTIFIER is the same as attribute PRESCRIBED ITEM IDENTIFIER.

### This data element is also known by these names:

Context	Alias
plural	PRESCRIBED ITEM IDENTIFIERS

### PRESCRIBED ITEM IDENTIFIER

Change to Data Element: New Data Element

## PRESCRIBED ITEM IDENTIFIER

### Attribute:

PRESCRIBED ITEM IDENTIFIER

### PRESCRIBED MEDICATION (DM+D)

Change to Data Element: New Data Element

Format/Length: min n6 max n18

National Codes:

Default Codes:

### Notes:

PRESCRIBED MEDICATION (DM+D) is the same as attribute CLINICAL TERMINOLOGY CODE.

PRESCRIBED MEDICATION (DM+D) is the SNOMED CT® concept ID from the NHS Dictionary of Medicines and Devices which is used to identify the PRESCRIBED ITEM prescribed to the PATIENT.

---

**PRESCRIBED MEDICATION (DM+D)**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION (DM+D)**

Attribute:

CLINICAL TERMINOLOGY CODE

---

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION is the same as attribute SUBSTANCE TEXT STRING.

PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION is free text to describe the active ingredient SUBSTANCE in a PRESCRIBED ITEM.

---

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE DESCRIPTION**

Attribute:

SUBSTANCE TEXT STRING

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION** is the same as attribute **SUBSTANCE TEXT STRING**.

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION** is free text to describe the strength of the active ingredient **SUBSTANCE** in a **PRESCRIBED ITEM**.

---

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION ACTIVE INGREDIENT SUBSTANCE STRENGTH DESCRIPTION**

**Attribute:**

<b>SUBSTANCE TEXT STRING</b>
------------------------------

---

**PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT)**

---

Change to Data Element: New Data Element

Format/Length:	See <b>SNOMED CT CODE</b>
National Codes:	
Default Codes:	

**Notes:**

**PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT)** is the same as attribute **CLINICAL TERMINOLOGY CODE**.

PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT) is the SNOMED CT® concept ID which is used to identify an additional dosage instruction for a PRESCRIBED ITEM.

NOTE: SNOMED CT CODE constraint for 'Additional dosage instructions (qualifier value)': <<419492006.

---

**PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT)**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION (SNOMED CT)**

**Attribute:**

CLINICAL TERMINOLOGY CODE

---

**PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING.

PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION is free text to describe additional dosage instructions for a PRESCRIBED ITEM.

---

**PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION**

---

Change to Data Element: New Data Element



# PRESCRIBED MEDICATION ADDITIONAL DOSAGE INSTRUCTION DESCRIPTION

**Attribute:**

PRESCRIBED ITEM TEXT STRING

---

## PRESCRIBED MEDICATION AUTHORISED TIMESTAMP

---

Change to Data Element: New Data Element

Format/Length: max an25

National Codes:

Default Codes:

**Notes:**

PRESCRIBED MEDICATION AUTHORISED TIMESTAMP is the same as attribute ACTIVITY DATE and ACTIVITY TIME of the '*Prescribed Medication Authorised Timestamp*'.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

**This data element is also known by these names:**

Context	Alias
plural	PRESCRIBED MEDICATION AUTHORISED TIMESTAMPS

**PRESCRIBED MEDICATION AUTHORISED TIMESTAMP**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION AUTHORISED TIMESTAMP**

**Attribute:**

ACTIVITY DATE
ACTIVITY TIME

**PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING.

PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION is free text to describe the full dosage instructions of a PRESCRIBED ITEM.

**PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSAGE INSTRUCTION DESCRIPTION**

**Attribute:**

PRESCRIBED ITEM TEXT STRING
-----------------------------

**PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER**

---

Change to Data Element: New Data Element

Format/Length:	max n8
----------------	--------

National Codes:

Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER is the same as attribute PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER.

**This data element is also known by these names:**

Context	Alias
plural	PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBERS

**PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER**

Change to Data Element: New Data Element

## PRESCRIBED MEDICATION DOSAGE INSTRUCTION SEQUENCE NUMBER

**Attribute:**

PRESCRIBED ITEM DOSAGE INSTRUCTION SEQUENCE NUMBER

**PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN**

Change to Data Element: New Data Element

Format/Length: min an4 max an5

National Codes: See PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN

Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN is the same as attribute PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN.

**PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN**

Change to Data Element: New Data Element

## PRESCRIBED MEDICATION DOSE ADMINISTERED AS NEEDED BOOLEAN

**Attribute:**

PRESCRIBED ITEM DOSE ADMINISTERED AS NEEDED BOOLEAN

---

**PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4)**

---

Change to Data Element: New Data Element

Format/Length: max an255

National Codes:

Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4) is the same as attribute PRESCRIBED ITEM TEXT STRING.

PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4) is the concept from the FHIR Release 4 Value Set 'EventTiming' which describes the timing of events associated with the dosage of a PRESCRIBED ITEM.

The FHIR Release 4 Value Set codes can be accessed from the HL7 FHIR website at: [EventTiming](#).

However where the FHIR Value Set is not supported by local systems, free text is permitted.

---

**PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4)**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE ASSOCIATED EVENT (FHIR R4)**

**Attribute:**

PRESCRIBED ITEM TEXT STRING

---

**PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)**

---

Change to Data Element: New Data Element

Format/Length: an3

National Codes:

Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4) is the same as attribute PRESCRIBED ITEM DOSE DAY OF WEEK.

PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4) should be the concept from the FHIR Release 4 Value Set 'days-of-week' which identifies the day of the week on which a PRESCRIBED ITEM is to be administered to a PATIENT.

The FHIR Release 4 Value Set codes can be accessed from the HL7 FHIR website at: days-of-week.

---

**PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)**

**Attribute:**

PRESCRIBED ITEM DOSE DAY OF WEEK

---

**PRESCRIBED MEDICATION DOSE FORM (SNOMED CT)**

---

Change to Data Element: New Data Element

Format/Length: min n6 max n18

National Codes:

Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE FORM (SNOMED CT) is the same as attribute CLINICAL TERMINOLOGY CODE.

PRESCRIBED MEDICATION DOSE FORM (SNOMED CT) is the SNOMED CT concept which is used to identify the dose form of a PRESCRIBED ITEM.

SNOMED CT Refset Metadata:

- Refset FSN: National Health Service dictionary of medicines and devices dose form simple reference set (foundation metadata concept)
- Refset Id : 999000781000001107

For further details relating to the SNOMED CT Refset Metadata, see the [SNOMED CT Browser](#) at: [National Health Service dictionary of medicines and devices dose form simple reference set.](#)

**This data element is also known by these names:**

Context	Alias
snomedctrefsetname	National Health Service dictionary of medicines and devices dose form simple reference set (foundation metadata concept)
snomedctrefsetid	999000781000001107

---

**PRESCRIBED MEDICATION DOSE FORM (SNOMED CT)**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE FORM (SNOMED CT)**

**Attribute:**

CLINICAL TERMINOLOGY CODE
---------------------------

---

**PRESCRIBED MEDICATION DOSE FORM DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

**PRESCRIBED MEDICATION DOSE FORM DESCRIPTION** is the same as attribute **PRESCRIBED ITEM TEXT STRING**.

**PRESCRIBED MEDICATION DOSE FORM DESCRIPTION** is free text to describe the dose form of a **PRESCRIBED ITEM**.

---

**PRESCRIBED MEDICATION DOSE FORM DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE FORM DESCRIPTION**

**Attribute:**

PRESCRIBED ITEM TEXT STRING

---

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN**

---

Change to Data Element: New Data Element

Format/Length:	min an4 max an5
National Codes:	See PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN
Default Codes:	

**Notes:**

PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN is the same as attribute PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN.

---

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED BOOLEAN**

**Attribute:**

PRESCRIBED ITEM DOSE NOT ADMINISTERED BOOLEAN

---

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION** is the same as attribute **PRESCRIBED ITEM TEXT STRING**.

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION** is free text to record the reason that a **PRESCRIBED ITEM** was not administered to the **PATIENT**.

---

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE NOT ADMINISTERED REASON DESCRIPTION**

**Attribute:**

**PRESCRIBED ITEM TEXT STRING**

---

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE**

---

Change to Data Element: New Data Element

Format/Length: max n10.max n6  
National Codes:  
Default Codes:

**Notes:**

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE** is the same as attribute **PRESCRIBED ITEM DOSE QUANTITY VALUE**.

---

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE**

**Attribute:**

**PRESCRIBED ITEM DOSE QUANTITY VALUE**

---

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION is the same as attribute UNIT OF MEASUREMENT TEXT STRING.

PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION describes the UNIT OF MEASUREMENT of the PRESCRIBED ITEM DOSE QUANTITY VALUE.

For the Electronic Prescribing And Medicines Administration Data Set - Prescribing, a UCUM UNIT OF MEASUREMENT value should be used in preference to free text.

---

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

**Attribute:**

<u>UNIT OF MEASUREMENT TEXT STRING</u>
--

---

**PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE**

---

Change to Data Element: New Data Element

Format/Length:	max n10.max n6
National Codes:	
Default Codes:	

**Notes:**

PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE is the same as attribute PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE.

**PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE**

**Attribute:**

PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE

---

**PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION is the same as attribute UNIT OF MEASUREMENT TEXT STRING.

PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION is free text to describe the UNIT OF MEASUREMENT of the PRESCRIBED ITEM DOSE RANGE HIGH QUANTITY VALUE.

For the Electronic Prescribing And Medicines Administration Data Set - Prescribing, a UCUM UNIT OF MEASUREMENT value should be used in preference to free text.

---

**PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE RANGE HIGH QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

**Attribute:**

**UNIT OF MEASUREMENT TEXT STRING**

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE**

Change to Data Element: New Data Element

Format/Length: max n10.max n6  
National Codes:  
Default Codes:

**Notes:**

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE** is the same as attribute **PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE**.

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE**

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE**

**Attribute:**

**PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE**

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION** is the same as attribute **UNIT OF MEASUREMENT TEXT STRING**.

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION** is free text to describe the **UNIT OF MEASUREMENT** of the **PRESCRIBED ITEM DOSE RANGE LOW QUANTITY VALUE**.

For the Electronic Prescribing And Medicines Administration Data Set - Prescribing, a UCUM UNIT OF MEASUREMENT value should be used in preference to free text.

---

PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE RANGE LOW QUANTITY VALUE UNIT OF MEASUREMENT DESCRIPTION**

**Attribute:**

UNIT OF MEASUREMENT TEXT STRING

---

PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE

---

Change to Data Element: New Data Element

Format/Length: max n8  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE is the same as attribute PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE.

---

PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE REPEAT FREQUENCY VALUE**

**Attribute:**

PRESCRIBED ITEM DOSE REPEAT FREQUENCY VALUE

---

PRESCRIBED MEDICATION DOSE REPEAT PERIOD

---

Change to Data Element: New Data Element

Format/Length: max n8  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE REPEAT PERIOD is the same as attribute PRESCRIBED ITEM DOSE REPEAT PERIOD.

---

**PRESCRIBED MEDICATION DOSE REPEAT PERIOD**

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE REPEAT PERIOD**

**Attribute:**

PRESCRIBED ITEM DOSE REPEAT PERIOD

---

**PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4)**

Change to Data Element: New Data Element

Format/Length: max an3  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4) is the same as attribute PRESCRIBED ITEM DOSE REPEAT PERIOD.

PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4) is be the concept from the FHIR Release 4 Value Set 'units-of-time' which identifies the permitted units of time from the UCUM UNIT OF MEASUREMENT vocabulary, to specify the repeat period for the dose of a PRESCRIBED ITEM of medication.

The FHIR Release 4 Value Set codes can be accessed from the HL7 FHIR website at: units-of-time.

---

**PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4)**

Change to Data Element: New Data Element

## PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF MEASUREMENT (FHIR R4)

Attribute:

PRESCRIBED ITEM DOSE REPEAT PERIOD UNIT OF MEASUREMENT

PRESCRIBED MEDICATION DOSE TIME OF DAY

Change to Data Element: New Data Element

Format/Length: an8 HH:MM:SS

National Codes:

Default Codes:

Notes:

PRESCRIBED MEDICATION DOSE TIME OF DAY is the same as attribute PLANNED ACTIVITY TIME.

PRESCRIBED MEDICATION DOSE TIME OF DAY is the time of day when a PRESCRIBED ITEM is to be administered to a PATIENT.

PRESCRIBED MEDICATION DOSE TIME OF DAY

Change to Data Element: New Data Element

## PRESCRIBED MEDICATION DOSE TIME OF DAY

Attribute:

PLANNED ACTIVITY TIME

PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP

Change to Data Element: New Data Element

Format/Length: max an25

National Codes:

Default Codes:

Notes:

**PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP** is the same as attribute **PLANNED ACTIVITY DATE** and **PLANNED ACTIVITY TIME** of the '*Prescribed Medication Dose To Be Administered Timestamp*'.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

**This data element is also known by these names:**

Context	Alias
plural	PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMPS

---

**PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED TIMESTAMP**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION DOSE TO BE ADMINISTERED  
TIMESTAMP**

**Attribute:**

<b>PLANNED ACTIVITY DATE</b>
<b>PLANNED ACTIVITY TIME</b>

---

**PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN**

---

Change to Data Element: New Data Element

Format/Length:	min an4 max an5
National Codes:	See <a href="#">PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN</a>
Default Codes:	

**Notes:**

[PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN](#) is the same as attribute [PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN](#).

**PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN**

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN**

**Attribute:**

<a href="#">PRESCRIBED ITEM GENERAL PRACTITIONER MANAGED POST DISCHARGE BOOLEAN</a>
---

**PRESCRIBED MEDICATION NAME**

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

[PRESCRIBED MEDICATION NAME](#) is the same as attribute [PRESCRIBED ITEM NAME](#).

For the [Electronic Prescribing And Medicines Administration Data Set - Prescribing](#) data set, the [PRESCRIBED MEDICATION NAME](#) is the name of the [PRESCRIBED ITEM](#) used locally within the [Electronic Prescribing and Medicines Administration](#) system within the [Health Care Provider](#).

**This data element is also known by these names:**

Context	Alias

plural

PRESCRIBED MEDICATION NAMES

---

## PRESCRIBED MEDICATION NAME

---

Change to Data Element: New Data Element

## PRESCRIBED MEDICATION NAME

Attribute:

PRESCRIBED ITEM NAME

---

## PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP

---

Change to Data Element: New Data Element

Format/Length: max an25

National Codes:

Default Codes:

### Notes:

PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP is the same as attribute ACTIVITY DATE and ACTIVITY TIME of the '*Prescribed Medication Record Last Updated Timestamp*'.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

**This data element is also known by these names:**

Context	Alias
plural	PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMPS

---

**PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION RECORD LAST UPDATED TIMESTAMP**

**Attribute:**

ACTIVITY DATE
ACTIVITY TIME

---

**PRESCRIBED MEDICATION STATUS DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

PRESCRIBED MEDICATION STATUS DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING

PRESCRIBED MEDICATION STATUS DESCRIPTION is free text to describe the status of a PRESCRIBED ITEM.

---

**PRESCRIBED MEDICATION STATUS DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION STATUS DESCRIPTION**

**Attribute:**

PRESCRIBED ITEM TEXT STRING
-----------------------------

**PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION**

---

Change to Data Element: New Data Element

Format/Length: max an255  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING.

PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION is free text to describe the PATIENT DIAGNOSIS or condition (therapeutic indication) which the PRESCRIBED ITEM is intended to treat.

---

**PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION THERAPEUTIC INDICATION DESCRIPTION**

**Attribute:**

PRESCRIBED ITEM TEXT STRING

---

**PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP**

---

Change to Data Element: New Data Element

Format/Length: max an25  
National Codes:  
Default Codes:

**Notes:**

PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP is the same as attribute PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME and time zone offset.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

This data element is also known by these names:

Context	Alias
plural	PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMPS

---

**PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP**

---

Change to Data Element: New Data Element

## **PRESCRIBED MEDICATION VALIDITY PERIOD END TIMESTAMP**

Attribute:

PRESCRIBED ITEM VALIDITY PERIOD END DATE AND TIME
---

---

**PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP**

---

Change to Data Element: New Data Element

Format/Length:	max an25
National Codes:	
Default Codes:	

**Notes:**

PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP is the same as

attribute **PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME** and time zone offset.

A Timestamp is represented with the components of date, time and either the number of hours offset (plus or minus) from Greenwich Mean Time, or the letter Z to signify that it is the same as Greenwich Mean Time.

In most cases offset time is restricted to:

- +01:00
- +00:00
- -00:00

Examples of valid formats are:

- 2020-08-21T10:15:20+01:00 British Summer Time (GMT + 1 Hour)
- 2020-08-21T10:15:20+00:00 Greenwich Mean Time
- 2020-08-21T10:15:20-00:00 Greenwich Mean Time
- 2020-08-21T09:18:00Z Greenwich Mean Time.

**This data element is also known by these names:**

Context	Alias
plural	PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMPS

---

**PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP**

---

Change to Data Element: New Data Element

**PRESCRIBED MEDICATION VALIDITY PERIOD START TIMESTAMP**

**Attribute:**

PRESCRIBED ITEM VALIDITY PERIOD START DATE AND TIME
---

---

**ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT)**

---

Change to Data Element: New Data Element

Format/Length:	See <b>SNOMED CT CODE</b>
National Codes:	

Default Codes:

**Notes:**

ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT) is the same as attribute CLINICAL TERMINOLOGY CODE.

ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT) is the SNOMED CT concept which is used to identify the actual route of administration of a PRESCRIBED ITEM.

**SNOMED CT Refset Metadata:**

- Refset FSN: ePrescribing route of administration simple reference set (foundation metadata concept)
- Refset Id : 999000051000001100

For further details relating to the SNOMED CT Refset Metadata, see the SNOMED CT Browser at: ePrescribing route of administration simple reference set.

**This data element is also known by these names:**

Context	Alias
snomedctrefsetname	ePrescribing route of administration simple reference set (foundation metadata concept)
plural	ROUTES OF ADMINISTRATION ACTUAL (SNOMED CT)
snomedctrefsetid	999000051000001100

**ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT)**

Change to Data Element: New Data Element

**ROUTE OF ADMINISTRATION ACTUAL (SNOMED CT)**

**Attribute:**

CLINICAL TERMINOLOGY CODE

**ROUTE OF ADMINISTRATION ACTUAL DESCRIPTION**

Change to Data Element: New Data Element

Format/Length: max an255

National Codes:

Default Codes:

**Notes:**

ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION is the same as attribute PRESCRIBED ITEM TEXT STRING.

ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION is free text to describe the actual route of administration for a PRESCRIBED ITEM.

---

**ROUTE OF ADMINISTRATION ACTUAL DESCRIPTION**

Change to Data Element: New Data Element

**ROUTE OF ADMINISTRATION ACTUAL DESCRIPTION**

Attribute:

PRESCRIBED ITEM TEXT STRING

---

**ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT)**

Change to Data Element: New Data Element

Format/Length: See SNOMED CT CODE

National Codes:

Default Codes:

**Notes:**

ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT) is the same as attribute CLINICAL TERMINOLOGY CODE.

ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT) is the SNOMED CT concept which is used to identify the prescribed route of administration of a PRESCRIBED ITEM.

SNOMED CT Refset Metadata:

- Refset FSN: ePrescribing route of administration simple reference set (foundation metadata concept)
- Refset Id : 999000051000001100

For further details relating to the [SNOMED CT Refset Metadata](#), see the [SNOMED CT Browser](#) at: [ePrescribing route of administration simple reference set](#).

**This data element is also known by these names:**

Context	Alias
snomedctrefsetname	ePrescribing route of administration simple reference set (foundation metadata concept)
plural	ROUTES OF ADMINISTRATION PRESCRIBED (SNOMED CT)
snomedctrefsetid	999000051000001100

---

**ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT)**

---

Change to Data Element: [New Data Element](#)

**ROUTE OF ADMINISTRATION PRESCRIBED (SNOMED CT)**

**Attribute:**

[CLINICAL TERMINOLOGY CODE](#)

---

**ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION**

---

Change to Data Element: [New Data Element](#)

Format/Length:	max an255
National Codes:	
Default Codes:	

**Notes:**

[ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION](#) is the same as attribute [PRESCRIBED ITEM TEXT STRING](#).

[ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION](#) is free text to describe the prescribed route of administration for a [PRESCRIBED ITEM](#).

---

**ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION**

---

Change to Data Element: New Data Element

## ROUTE OF ADMINISTRATION PRESCRIBED DESCRIPTION

Attribute:

PRESCRIBED ITEM TEXT STRING

THERAPEUTIC INDICATION CODE (SNOMED CT)

Change to Data Element: Changed Description

Format/Length: See [SNOMED CT CODE](#)  
National Codes:  
Default Codes:

### Notes:

[THERAPEUTIC INDICATION CODE \(SNOMED CT\)](#) is the same as attribute [CLINICAL TERMINOLOGY CODE](#).

[THERAPEUTIC INDICATION CODE \(SNOMED CT\)](#) is the [SNOMED CT®](#) concept ID which is used to identify the reason for administering a drug to a [PATIENT](#).

Where required by specific data sets, the following [SNOMED CT Refset](#) may be used to constrain the values permitted for the [THERAPEUTIC INDICATION CODE \(SNOMED CT\)](#).

### [SNOMED CT Refset:](#)

- [Refset](#) FSN: Health issues simple reference set (foundation metadata concept)
- [Refset](#) Id: 1127581000000103

For further details relating to the [SNOMED CT Refset](#), see the [SNOMED CT Browser](#) at: [Health issues simple reference set \(foundation metadata concept\)](#).

ELECTRONIC PRESCRIBING AND MEDICINES ADMINISTRATION DATA SET XML SCHEMA CONSTRAINTS

Change to XML Schema Constraint: New XML Schema Constraint

XML Schema Constraints applied to the [Electronic Prescribing and Medicines Administration Data Sets](#).

## Key to XML Schema Constraint Column Headings:

Column Name	Column Meaning	Column Options		
XML Schema Format/Length	Indicates any differences between the Format/Length of the item in the NHS Data Model and Dictionary and the XML Schema representation	None = The Format/Length is the same as the NHS Data Model and Dictionary	Any other entry = The Format/Length is different in the XML Schema to the NHS Data Model and Dictionary	
Allowed Values	Indicates whether the NHS Data Model and Dictionary National Codes and Default Codes are present in the XML Schema	None = The NHS Data Model and Dictionary National and Default Codes are present in the XML Schema	Removed = The NHS Data Model and Dictionary National Codes and Default Codes are not present in the XML Schema	Any other entry = Shows the values present in the XML Schema which are a subset of those in the NHS Data Model and Dictionary
Range	Indicates whether a range value constraint has been applied in the XML Schema	None = There is no range value constraint applied in the XML Schema	Any other entry = Shows the range value constraint applied in the XML Schema	
Pattern Match	Indicates whether a data pattern, to which the data must conform, has been applied in the XML Schema	None = There is no data pattern, to which the data must conform, applied in the XML Schema	Any other entry = Shows the data pattern, to which the data must conform, applied in the XML Schema	

## XML Schema Constraints:

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
PRESCRIBED MEDICATION DOSE REPEAT PERIOD UNIT OF	None	s,min,h,d,wk,mo,a	None	None	Allowed value set defined in FHIR R4 vocabulary - not

MEASUREMENT (FHIR R4)					enumerated in NHS Data Model and Dictionary
PRESCRIBED MEDICATION DOSE DAY OF WEEK (FHIR R4)	None	mon,tue,wed,thu,fri,sat,sun	None	None	Allowed value set defined in FHIR R4 vocabulary - not enumerated in NHS Data Model and Dictionary

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For enquiries about this Change Request, please email [information.standards@nhs.net](mailto:information.standards@nhs.net)

