

Dictionary of Concepts

Data Element/Group	UML Class/Property	Definition
A		
Abstract_product	Property from Class PRODUCT	The abstract representation of the active ingredient(s) or substance(s), which when formulated as a medicinal product, is intended by an authorising healthcare provider for use in the treatment of the subject of care.
ACTIVE_INGREDIENT	Class from Package Medication	The substance in the medication formulation that is pharmaceutically active and is responsible for the medication's therapeutic effect defined by its identifying name and the strength per dose unit.
Active_ingredient_name	Property from Class ACTIVE_INGREDIENT	The identifying name of the active ingredient in the formulated medication.
Actual_DateTime_dose_ended	Property from Class ADMINISTERED_MEDICATION_ITEM	The actual end date/time of the administration of a single dose of the medication over a period of time, rather than instantaneously or at a point in time.
Actual_DateTime_dose_started	Property from Class ADMINISTERED_MEDICATION_ITEM	The actual start date/time of the administration of a single dose of the medication over a period of time, rather than instantaneously or at a point in time.
Actual_DateTime_reviewed	Property from Class MEDICATION_REVIEW	The date or date and time at which the subject of care's medication prescribing, dispensing or administration of medication was reviewed.
Actual_rate_of_dose_administration	Property from Class ADMINISTERED_MEDICATION_ITEM	The actual time interval taken between releases or administration of a single, whole dose of the medication, or how often the single, whole dose of the medication was taken/administered over a period of time.
Actual_rate_of_dose_administration_qualifier	Property from Class ADMINISTERED_MEDICATION_ITEM	Information provided in addition to the actual rate of dose administration that provides more detail or guidance about the single dose of the medication taken/administered over a period of time.
Additional_instructions_for_dispensing	Property from Class MEDICATION_ITEM_DETAILS	Information provided by the prescriber to the dispenser in addition to all other medication data elements relevant to dispensing that provides more detail or guidance about how the medication should be dispensed.
Administered_by	Property from Class ADMINISTERED_MEDICATION_ITEM	Details pertaining to the person (i.e. subject of care for self-administering, healthcare provider or carer) who is administering the medication.
ADMINISTERED_MEDICATION_ITEM	Class from Package Medication	Details pertaining to the administration of a single, unique therapeutic good to or by the subject of care.
Administered_Medication_Item_Details	Property from Class ADMINISTERED_MEDICATION_ITEM	Detailed description of a single, unique therapeutic good that may be listed within a medication administration record and may also appear within the current medications list of a subject of care.
Administering_device	Property from Class MEDICATION_ITEM_DETAILS	Equipment used to administer medication.
Administration_sequence_number	Property from Class ADMINISTERED_MEDICATION_ITEM	The current dose number or sequence number of administration out of the total number of doses that must be administered according to the dose frequency.
Authorised_conditions	Property from Class MEDICATION_ITEM_DETAILS	A description of the criteria (typically the subject of care's diagnosis or indications) that are stipulated for the prescribed medication item, and are as stated by the provider of this authorisation at the time it is given.
Authority_approval_number	Property from Class MEDICATION_ITEM_DETAILS	Identifier as proof of authorisation to prescribe the medication.
B		
Brand_substitution_allowed	Property from Class PRESCRIBED_MEDICATION_ITEM	Indicates whether or not brand substitution is allowed, or which may be unknown in circumstances where this information is collected retrospectively and the original prescription is no longer available.
C		
Cautionary_advice	Property from Class MEDICATION_ITEM_DETAILS	Cautionary advice for the subject of care or person administering the medication when taking/administering the medication.
Change_description	Property from AssociationClass MEDICATION_ITEM_CHANGE_DETAILS	Description of the change in the subject of care's medication item information.
Component_Product_Medication_Details	Property from Class MEDICATION_ITEM_DETAILS	The details of the medication item that represents a component of a medication item that is a multi-component <i>Product</i> .
Consumer_medicine_information	Property from Class PRODUCT	Information provided by the manufacturer of the medication and other organisations for the subject of care.
D		
DateTime_administered	Property from Class ADMINISTERED_MEDICATION_ITEM	The date/time that a single dose of medication was administered by/to the subject of care instantaneously or at a point in time, rather than over a period of time.

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DateTime_authorized	Property from Class MEDICATION_ITEM_DETAILS	The date or date and time that the Health Insurance Commission or Department of Veteran's Affairs authorised for the medication to be dispensed.
DateTime_changed	Property from AssociationClass MEDICATION_ITEM_CHANGE_DETAILS	The date or date and time that the status of the medication item was changed.
DateTime_dispensed	Property from Class DISPENSING_MEDICATION	The date and time that the medication was dispensed.
DateTime_ordered	Property from Class MEDICATION_ITEM_DETAILS	The date or date and time that the medication was ordered or prescribed.
DateTime_prescribed	Property from Class PRESCRIPTION	The date or date and time that the prescription was written/generated and authorised.
Days_dispensed_for	Property from Class DISPENSING_MEDICATION	Total number of days that the amount of medication dispensed to the subject of care will last for.
Delivery_compliance_aid_description	Property from Class MEDICATION_ITEM_DETAILS	The specific identifying description of the method in which the medication was delivered to the subject of care to assist with medication compliance.
Delivery_compliance_aid_type	Property from Class MEDICATION_ITEM_DETAILS	The category of method in which the medication was delivered to the subject of care to assist with medication compliance.
Dispensed_Medication_Item_Details	Property from Class DISPENSING_MEDICATION	Detailed description of a single, unique therapeutic good that is captured within a dispensing medication record and may also appear as a dispensed medication item within the current medications list of a subject of care.
Dispenser	Property from Class DISPENSING_MEDICATION	Details pertaining to the authorised healthcare provider who is dispensing the medication.
Dispensing_healthcare_setting_category	Property from Class DISPENSING_MEDICATION	The category/type of healthcare setting where the subject of care is located when receiving the medication dispensed by the dispensing healthcare provider.
Dispensing_interval_minimum	Property from Class MEDICATION_ITEM_DETAILS	Minimum time before the medication can be dispensed again.
DISPENSING_MEDICATION	Class from Package Medication	Information pertaining to the process of an authorised dispenser supplying a therapeutic good on the prescription of a prescriber, for the use of a subject of care. This ensures as far as possible that the subject of care receives the correct therapeutic good in the correct strength, dose form and quantity. It also ensures that the good is appropriately packed and labelled such that the subject of care, healthcare provider or carer understands the directions for the safe and effective use of the therapeutic good.
Dose	Property from Class MEDICATION_ITEM_DETAILS	The amount of medication to be taken/administered at one time.
Dose_per_kg_body_weight	Property from Class SPECIAL_INSTRUCTIONS	The amount of medication to be administered at one time calculated per kilogram of body weight of the subject of care.
Dose_per_metre_squared_body_surface_area	Property from Class SPECIAL_INSTRUCTIONS	The amount of medication to be administered at one time calculated per metre squared of body surface area of the subject of care.
E		
EXCIPIENT_INGREDIENT	Class from Package Medication	The inactive or inert substance that is combined with the active ingredient of the medication at the time of manufacture or formulation to improve formulation characteristics like stability, solubility, spreadability, and also used as a "filling agent" to give form or consistency appropriate for administration, but which do not add materially to the effectiveness of the medication.
Excipient_ingredient_name	Property from Class EXCIPIENT_INGREDIENT	Name of the excipient ingredient in the formulated medication.
Excipient_quantity_per_dose_unit	Property from Class EXCIPIENT_INGREDIENT	The representation of the amount of the medication's excipient ingredient present in a single dose unit for dispensing/administering.
Expected_administration_DateTime	Property from Class MEDICATION_ITEM_DETAILS	The date or date and time that the medication is expected to be administered.
Expected_cease_DateTime	Property from Class MEDICATION_ITEM_DETAILS	The date at which medication course is expected to finish.
Expected_DateTime_dose_ended	Property from Class MEDICATION_ITEM_DETAILS	The expected end date/time of the administration of a single dose of the medication.
Expected_DateTime_dose_started	Property from Class MEDICATION_ITEM_DETAILS	The expected start date/time of the administration of a single dose of the medication over a period of time, rather than instantaneously or at a point in time.
Expected_DateTime_for_review	Property from Class MEDICATION_REVIEW	The date or date and time at which the subject of care's medication prescribing, dispensing or administration of medication is expected to be reviewed for quality and safety.

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Expiry_DateTime_of_medication	Property from Class MEDICATION_ITEM_DETAILS	The date after which the medication or product begins to deteriorate or becomes unstable and either becomes toxic or ineffective and therefore, should not be used.
F		
Form	Property from Class PRODUCT	The total physical manifestation of the medication for dispensing/administering.
Form	Property from Class FORMULATION	The total physical manifestation of the medication for dispensing/administering.
FORMULATION	Class from Package Medication	A customised/extemporaneous medication preparation (e.g. Intravenous preparations) of an active ingredient in a form suitable for subject of care use.
Formulation_batch_number	Property from Class FORMULATION	A number, or a combination of numerals, symbols or letters, which is given by a hospital formulary to a batch of extemporaneous formulations, to uniquely identify that batch and from which it is possible to trace that batch through all stages of manufacture and distribution.
Formulation_container_type	Property from Class FORMULATION	The type of package that the medication is directly stored into when dispensed and that is irrespective of any other indirect or outer packaging that may also be used to contain the entire product such as wrapping paper or the box that the medication bottle is placed into.
Formulation_identifier	Property from Class FORMULATION	Unique identifier of this formulation as provided by the manufacturer (such as a hospital) of the formulation or by the Australian Medicines Terminology where it exists.
Formulation_name	Property from Class FORMULATION	The identifying name of the formulated medication.
Formulation_warning	Property from Class FORMULATION	Warning associated with the preparation, storage, administration and/or dispensing of the formulation, which appears on the packaging and/or container provided by the formulary.
Frequency	Property from Class MEDICATION_ITEM_DETAILS	How often the medication has to be taken or administered.
Frequency_qualifier	Property from Class MEDICATION_ITEM_DETAILS	Information provided in addition to the frequency that provides more detail or guidance about the administration of the medication.
I		
Is_Altered	Property from Class MEDICATION_ITEM_DETAILS	Indicates whether or not the medication item information has been altered by the healthcare provider, carer or subject of care in any way.
Is_Authority_approval_required	Property from Class MEDICATION_ITEM_DETAILS	Indicates whether or not an authority approval is required for this medication to be used.
Is_Compliance_aid_required	Property from Class MEDICATION_ITEM_DETAILS	Indicates whether or not a compliance aid is required.
Is_Dispensing_deferred	Property from Class MEDICATION_ITEM_DETAILS	Denotes whether or not the dispensing of the medication is to be deferred.
Is_Repeat	Property from Class PRESCRIBED_MEDICATION_ITEM	Denotes whether or not this is a repeat prescription.
Is_Self_administered	Property from Class MEDICATION_ITEM_DETAILS	Denotes whether or not this is a self-administered medication.
Is_Whole_dose_given	Property from Class ADMINISTERED_MEDICATION_ITEM	Denotes whether or not the whole dose of the prescribed dose is given at one time.
M		
Maximum_dose	Property from Class SPECIAL_INSTRUCTIONS	The maximum allowable, safe limit on the amount of medication to be taken/administered at one time.
Maximum_dose_interval	Property from Class SPECIAL_INSTRUCTIONS	The maximum interval between doses.
Maximum_dose_unit_frequency	Property from Class SPECIAL_INSTRUCTIONS	The maximum number of dose units to be taken/administered at a particular time.
Medication	Package from Package NEHTA Data Groups	A therapeutic good that is represented to achieve, or is likely to achieve, its principal intended action by pharmacological, chemical, immunological or metabolic means in or on the body of a human.
MEDICATION_ADMINISTRATION	Class from Package Medication	Information about the administration of the therapeutic good by or to the subject of care.
Medication_administration_record_identifier	Property from Class MEDICATION_ADMINISTRATION	Identifier of the medication administration record or instance of a medication administration generated by an electronic system or allocated by the medication administrator.
Medication_class	Property from Class PRODUCT	The anatomical, therapeutic or chemical classification of the medication prescribed or provided (e.g. Over-the-counter) according to an in-house classification, or the Anatomical Therapeutic Chemical classification (ATC), which is the Australian standard for classifying medications at the level of the <i>Abstract Product Name</i> .
Medication_duration	Property from Class MEDICATION_ITEM_DETAILS	The length of time the medication course should continue.

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MEDICATION_ITEM_CHANGE_DETAILS	AssociationClass from Package Medication	Description of a change(s) in the subject of care's medication item information.
MEDICATION_ITEM_DETAILS	Class from Package Medication	Detailed description of a single, unique therapeutic good that may be listed within a prescription or dispensing medication, and may also appear within the current medications list and/or prescribing history of a subject of care.
Medication_item_record_identifier	Property from Class MEDICATION_ITEM_DETAILS	Identifier of the medication item record generated by an electronic prescribing/dispensing system/ health record system or allocated by the authorised healthcare provider, which references where applicable, the corresponding prescription, dispensing medication, medication administration and/or medication review record.
Medication_item_reporter_category	Property from Class MEDICATION_ITEM_DETAILS	The category of person reporting/informing about the medication item the subject of care is taking.
Medication_item_status_after_review	Property from Class REVIEWED_MEDICATION_ITEM	The status of the medication item within the subject of care's medications list as a result of the current review being conducted, which may or may not have altered depending on the reviewer's assessment.
Medication_item_status_before_review	Property from Class REVIEWED_MEDICATION_ITEM	The status of the medication item within the subject of care's medications list as it was when it was last reviewed.
MEDICATION_REVIEW	Class from Package Medication	Information pertaining to the review or assessment of the medication prescribing, dispensing or administration of medication to help ensure quality and safety in the subject of care's medication management.
Medication_review_record_identifier	Property from Class MEDICATION_REVIEW	Identifier of the medication review record or instance of a medication review generated by an electronic system or allocated by the reviewer.
Medication_reviewer	Property from Class MEDICATION_REVIEW	Details of the healthcare provider who reviewed the subject of care's medication prescribing, dispensing or administration of medication.
Medication_supply_arrangement	Property from Class MEDICATION_ITEM_DETAILS	The funding, supply and clinical arrangements under which the medication can be prescribed and supplied to the subject of care.
Minimum_dose_interval	Property from Class SPECIAL_INSTRUCTIONS	The minimum time interval between doses.
N		
Number_of_repeats_ordered	Property from Class SPECIAL_INSTRUCTIONS	The number of repeats of the prescription that have been authorised by the prescriber.
Number_of_times_dispensed	Property from Class DISPENSING_MEDICATION	The number of times the medication has been dispensed from the current prescription.
O		
Order_method	Property from Class MEDICATION_ITEM_DETAILS	The category specifying the method used to place an order for the medication item.
Order_status	Property from Class MEDICATION_ITEM_DETAILS	The status of the medication item within its general 'lifecycle' from prescribed/ordered through to it being dispensed, administered, reviewed, completed (full length of medication duration)/suspended/cancelled.
P		
Physical_formulation_identifier	Property from Class FORMULATION	Unique identifier of this formulation as provided by the manufacturer (such as a hospital) of the formulation.
Physical_product_identifier	Property from Class PRODUCT	Unique identifier of this physical product as provided by the manufacturer's bar coding.
PRESCRIBED_MEDICATION_ITEM	Class from Package Medication	Detailed description of a single, unique therapeutic good that is listed as an item within a prescription and may also appear within the current medications list and/or prescribing history of a subject of care.
Prescribed_Medication_Item_Details	Property from Class PRESCRIBED_MEDICATION_ITEM	Detailed description of a single, unique therapeutic good that may be listed within a prescription and may also appear within the current medications list and/or prescribing history of a subject of care.
Prescribed_rate_of_dose_administration	Property from Class MEDICATION_ITEM_DETAILS	The prescribed time interval taken between releases or administration of a single, whole dose of the medication, or how often the single, whole dose of the medication is to be taken or administered over a period of time as prescribed.
Prescribed_rate_of_dose_administration_qualifier	Property from Class MEDICATION_ITEM_DETAILS	Information provided in addition to the prescribed rate of dose administration that provides more detail or guidance about taking/administering a single dose of the medication over a period of time.
Prescriber	Property from Class PRESCRIPTION	Details pertaining to the authorised healthcare provider who is ordering the medication(s).

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Prescribing_healthcare_setting_category	Property from Class PRESCRIPTION	The category/type of healthcare setting where the subject of care is located when receiving the prescription provided by the healthcare provider.
Prescribing_interval_minimum	Property from Class PRESCRIBED_MEDICATION_ITEM	Minimum time before the medication can be prescribed again.
PRESCRIPTION	Class from Package Medication	A request from an authorised prescriber to dispense one or more therapeutic goods.
Prescription_expiry_DateTime	Property from Class PRESCRIPTION	The date that the prescription expires and can no longer be used.
Prescription_note	Property from Class PRESCRIPTION	Free text comments relevant to the prescription.
Prescription_processing_DateTime	Property from Class DISPENSING_MEDICATION	The date or date and time that the prescription was checked/validated by the pharmacist prior to dispensing.
Prescription_record_identifier	Property from Class PRESCRIPTION	Unique system identifier of the prescription record or instance of a prescription.
PRODUCT	Class from Package Medication	The details sourced from the Australian Medicines Terminology about the commercial presentation or marketed entity of finished, packaged therapeutic goods that is dispensed for subject of care use.
Product_batch_number	Property from Class PRODUCT	A number, or a combination of numerals, symbols or letters, which is given by a manufacturer to a batch of therapeutic goods, to uniquely identify that batch and from which it is possible to trace that batch through all stages of manufacture and distribution.
Product_container_type	Property from Class PRODUCT	The type of package that the medication is directly stored into when dispensed and that is irrespective of any other indirect or outer packaging that may also be used to contain the entire product such as wrapping paper or the box that the medication bottle is placed into.
Product_description	Property from Class PRODUCT	The name of the medication as described by a prescriber or pharmacist. This name often includes the dose form and the strength of the dose form, concatenated into a single string, depending upon the specific level of prescribing. This name could include either the <i>abstract</i> (non-proprietary) <i>name</i> as is often used in hospital prescribing, or a specific <i>trade family</i> .
Product_warning	Property from Class PRODUCT	Warning associated with the preparation, storage, administration and/or dispensing of the product, which appears on the product packaging and/or product container provided by either the pharmacist or the pharmaceutical company.
Q		
Quantity	Property from Class MEDICATION_ITEM_DETAILS	The number of doses and/or physical amount of medication that has been prescribed or dispensed for the subject of care, or administered to/by the subject of care.
R		
Reason_for_change	Property from AssociationClass MEDICATION_ITEM_CHANGE_DETAILS	Details of why a change has been made in a subject of care's medication item information.
Reason_for_deferred_dispensing	Property from Class MEDICATION_ITEM_DETAILS	Rationale for deferring supply of the medication.
Reason_for_medication	Property from Class MEDICATION_ITEM_DETAILS	The clinical justification (esp. specific therapeutic effect intended) for use of the medication.
Reason_for_not_administering_whole_dose	Property from Class ADMINISTERED_MEDICATION_ITEM	Reason for inability to administer the whole dose of the medication prescribed.
Reason_for_review	Property from Class MEDICATION_REVIEW	Details describing the purpose of the review of the subject of care's medication prescribing, dispensing or administration of medication.
Related_Adverse_Reaction	Property from Class MEDICATION_ITEM_DETAILS	The details of the specific adverse reaction the subject of care has that is a relevant consideration for use of the medication.
Related_Alert	Property from Class MEDICATION_ITEM_DETAILS	The details of the specific alert about the subject of care that is a relevant consideration for use of the medication.
Related_Diagnostic_Imaging	Property from Class MEDICATION_ITEM_DETAILS	The details of the relevant diagnostic imaging performed on the subject of care used for drug dose calculations.
Related_Observation	Property from Class MEDICATION_ITEM_DETAILS	The details of the relevant observation or investigation performed on the subject of care used for drug dose calculations.
Related_Pathology	Property from Class MEDICATION_ITEM_DETAILS	The details of the relevant pathology test performed on the subject of care used for drug dose calculations.
Related_Problem_Or_Diagnosis	Property from Class MEDICATION_ITEM_DETAILS	The details of the subject of care's specific problem or diagnosis, which is being treated by the medication.
REVIEWED_MEDICATION_ITEM	Class from Package Medication	Detailed description of a single, unique therapeutic good that has been reviewed by the relevant authorised providers of the subject of care.

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Reviewed_Medication_Item_Details	Property from Class REVIEWED_MEDICATION_ITEM	Detailed description of a single, unique therapeutic good that may be listed within a medication review record of a subject of care.
Reviewer_recommendation	Property from Class REVIEWED_MEDICATION_ITEM	Recommendation or details of the outcomes of the review made by the healthcare provider who is responsible for the review of the subject of care's medication prescribing, dispensing or administration of medication.
Route	Property from Class MEDICATION_ITEM_DETAILS	The way through which a medication is administered.
S		
Site_of_administration	Property from Class MEDICATION_ITEM_DETAILS	Location on or in the body of the subject of care that the medication was administered.
Source_prescription_record_identifier	Property from Class DISPENSING_MEDICATION	Identifier of the prescription record from which this medication item was sourced.
SPECIAL_INSTRUCTIONS	Class from Package Medication	Additional information that is provided by the prescriber to the dispenser, subject of care or person administering the medication that is relevant to the dispensing or administration of the medication. These may be derived from the product knowledge base such as from clinical guidelines and/or Pharmaceutical Benefits Schedule, and may be reviewed and amended by the prescriber/dispenser as needed.
Strength_per_dose_unit	Property from Class ACTIVE_INGREDIENT	The representation of the amount of the medication's active ingredient present in a single dose unit for dispensing/administering.
Strength_per_dose_unit	Property from Class PRODUCT	The representation of the amount of the medication's active ingredient present in a single dose unit for dispensing/administering.
Subject_of_care_instructions	Property from Class MEDICATION_ITEM_DETAILS	The healthcare provider's instructions for administering the medication dose.
Superceded_Medication_Item_Details	Property from Class MEDICATION_ITEM_DETAILS	The details of the medication item that is superceded or replaced by the new medication item as a result of an alteration or the ' <i>Is Altered</i> ' data element value is set to true.
T		
Trade_family	Property from Class PRODUCT	The trade or proprietary name under which the medication product is marketed.
U		
Unable_to_dispense_reason	Property from Class DISPENSING_MEDICATION	The dispensing provider's justification for not dispensing the medication that has been prescribed for the subject of care.
V		
Version_number	Property from AssociationClass MEDICATION_ITEM_CHANGE_DETAILS	The number allocated to the medication item record as a result of a change being made to that medication item's information.

