REPORTING OF DOSE, FREQUENCY AND RXINSTRUCTION IN PBM PRIOR AUTHORISATIONS AND CLAIMS

In accordance with the DOH Circular [USO/139/2023 'Updated Drug Dosage and Frequency Mandatory Submission Requirements' of 16th August 2023](#), Providers are required to report new observations in electronic Prior Authorisations and Claims starting from 1st October 2023.

This document provides related definitions, FAQs and Examples.

DEFINITIONS	
Dose	
Dose Value	*Number of units per dose*
Dose Value Type	*The type of drug dose as per the list of values in Table A*
Frequency	
Frequency Value	*The number of dosing interval per time unit of the dispensed medication*
Frequency Value Type	*Unit of time defining the frequency of the drug dose . Eg. Per day, per week, etc. Please refer to table B*
RxInstructions	
Frequency Value	*The prescription/ order instructions, on how the dispensed medication should be taken by the patient*
Frequency Value Type	*The description of the Value*

Observation Description	Type	Code	Value	Value Type	Status	Example: Paracetamol 500mg prescribed 2 tablets 3 times a day for 7 days
Dose: the number of units per dose	Text	Dose	Float	**PLEASE REFER TO TABLE A**	*New Observation Code*	\<Type\>**Text**\</Type\> \<Code\>**Dose**\</Code\> \<Value\>**2**\</Value\> \<ValueType\>**unit**\</ValueType\>
Frequency: Number of drug dosing interval per time unit of the dispensed medication	Text	Frequency	Integer	**PLEASE REFER TO TABLE B**	*New Observation Code*	\<Type\>**Text**\</Type\> \<Code\>**Frequency**\</Code\> \<Value\>**3**\</Value\> \<ValueType\>**D**\</ValueType\>
Duration: Duration of the treatment of the dispensed medication	Text	Duration	Integer	AS PER PUBLISHED LOV (SHAFAFIYA)	*Existing Observation Code*	\<Type\>**Text**\</Type\> \<Code\>**Duration**\</Code\> \<Value\>**7**\</Value\> \<ValueType\>**days**\</ValueType\>

RxInstruction: The prescription/ order instructions	Text	RxInstructions	String	Instructions)	*New Observation Code*	<Type>**Text**</Type> <Code>**RxInstructions**</Code> <Value> **1000mg, TID, for 7 days, after meals** </Value> <ValueType>**Instructions**</ValueType>

Dose and Frequency Value Types

Dose and Frequency value types are described at www.doh.gov.ae/shafafiya/reporting >> Routine Reporting:

https://www.doh.gov.ae/-/media/Feature/shafifya/RoutineReporting.ashx

Frequently Asked Questions

Are the Dose and Frequency observations applicable at claims level or PBM only?
Dose and Frequency are mandatory observations applicable at PBM and claims level for pharmacy providers (for each drug code).

Which dosage forms should be considered under the Dose Value Type "unit"?
As per the DoH medication published list:
- Oral Solid dosage forms such as Capsules, Tablets, Gummies, Lozenges, Effervescent Granules, Enema, Ovules, suppositories.
- Dressings, Patches/Plasters/Blisters, Liquids for irrigation

Which dosage forms should be considered under the Dose Value Type "app"?
This refers to any unit of application which is not measurable as part of the prescription. This may refer to applying a certain amount of shampoo once a week or any other dosage form that may not be measurable by ml or dose units.

If drops are prescribed in both eyes, how should the dose be reported in the XML?
Drops in both eyes should be summed together and submitted under the Dose observation. Example: 2 drops per eye should be considered "4" "drops"

How should Dose and Frequency be reported in the XML observation values for creams and lotions?
You may use "app" which stand for application prescribed. Example: if a cream is prescribed 3 times daily, the dose value will be 1 and the dose value type will be "app".

If the frequency is prescribed by Hours how should this be reported in the observation?

The frequency value should be converted to the daily frequency. Example: if a medication is prescribed every 8 hours the frequency value will be 3 and frequency value type will be D which stands for "per day"

How should Dose and Frequency be reported in the XML observation values for drugs that are titrated or tapered?

The Dose and Frequency values should be in two different observations. Please refer to Table C "Examples".

How should Dose and Frequency be reported in the XML observation values for syrups and oral solutions?

You may use the dose in (X) ml. Example: if 5ml of cough syrup is prescribed two times daily, the Dose Value will be "5" and the Value Type will be "ml". The Frequency Value will be "2" and the Value Type will be "D".

What about strips and consumables HCPCS, do we need to add frequency and dose observations to each code?

Dose and Frequency value and value types applies to drugs **only** for **pharmacy providers.**

Examples

#	Examples of dispensed medications	Drug	Observations to be reported		
1	Two tablets of 500mg Paracetamol prescribed TDS for 4 days	Paracetamol 500mg tablet	Observation Type: Text Code: Duration Value: 4 Value Type: Days	Observation Type: Text Code: Dose Value: 2 Value Type: unit	Observation Type: Text Code: Frequency Value: 3 Value Type: D
2	1 tablet of 20mg atorvastatin is prescribed once daily for 90 days	Atorvastatin 20mg tablet	Observation Type: Text Code: Duration Value: 90 Value Type: Days	Observation Type: Text Code: Dose Value: 1 Value Type: unit	Observation Type: Text Code: Frequency Value: 1 Value Type: D
3	Levothyroxin 75 mcg dose prescribed once daily for 1 month. Pharmacist dispensed 25 mcg tablets and 50 mcg tablest for 1 month	Levothyroxin 25 mcg tablet	Observation Type: Text Code: Duration Value: 30 Value Type: Days	Observation Type: Text Code: Dose Value: 1 Value Type: unit	Observation Type: Text Code: Frequency Value: 1 Value Type: D
		Levothyroxin 50 mcg tablet	Observation Type: Text Code: Duration Value: 30 Value Type: Days	Observation Type: Text Code: Dose Value: 1 Value Type: unit	Observation Type: Text Code: Frequency Value: 3 Value Type: D
4	2ml budesonide vial (0.125mg/ml) for nebulization solution prescribed twice per day for 5 days	Budesonide 0.125mg/ml (2ml vial)	Observation Type: Text Code: Duration Value: 5 Value Type: Days	Observation Type: Text Code: Dose Value: 2 Value Type: ml	Observation Type: Text Code: Frequency Value: 2 Value Type: D
5	Gentamicin 3 mg/ml eye drops prescribed 2 drops in each eye, every 8 hours for 1 week	Gentamicin 3mg/ml drops	Observation Type: Text Code: Duration Value: 7 Value Type: Days	Observation Type: Text Code: Dose Value: 4 Value Type: drops	Observation Type: Text Code: Frequency Value: 3 Value Type: D

#	Description	Medication	Observation 1		Observation 2		Observation 3		Observation 4		Observation 5	
6	Fusidic acid cream (20 mg/g) was prescribed 2 times per day for 5 days.	Fusidic Acid 20 mg/g cream	**Type** Text **Code** Duration **Value** 5 **Value Type** Days		**Type** Text **Code** Dose **Value** 2 **Value Type** app		**Type** Text **Code** Frequency **Value** 2 **Value Type** D					
7	Formoterol/Budesonide (160mcg/4.5mcg) inhaler prescribed 2 puffs twice a day for 1 month	Formoterol/Budesonide (160mcg/4.5mcg) inhaler	**Type** Text **Code** Duration **Value** 30 **Value Type** Days		**Type** Text **Code** Dose **Value** 2 **Value Type** puff		**Type** Text **Code** Frequency **Value** 2 **Value Type** D					
8	Oxymetazoline Nasal spray prescribed 3 times a day as needed (1 spray each nostril) for 3 days max.	Oxymetazoline 0.1 mg/ml Nasal spray	**Type** Text **Code** Duration **Value** 3 **Value Type** Days		**Type** Text **Code** Dose **Value** 1 **Value Type** unit		**Type** Text **Code** Frequency **Value** 3 **Value Type** D					
9	Povidone Iodine Mouthwash (1%) is prescribed 10ml at night for 5 days.	Povidone Iodine Mouthwash (1%)	**Type** Text **Code** Duration **Value** 5 **Value Type** Days Observation		**Type** Text **Code** Dose **Value** 10 **Value Type** ml Observation		**Type** Text **Code** Frequency **Value** 1 **Value Type** D Observation					
10	Insulin – Glargine (100 IU/ML) prescribed 15 Units at night for 4 weeks	Insulin – Glargine (100 IU/ML)	**Type** Text **Code** Duration **Value** 28 **Value Type** Days		**Type** Text **Code** Dose **Value** 15 **Value Type** IU		**Type** Text **Code** Frequency **Value** 1 **Value Type** D					
11	Semaglutide Injection given 0.25mg (1 pen 0.25mg/1.5ml) once weekly for 3 months	Semaglutide Injection (1 pen 0.25mg/1.5ml)	**Type** Text **Code** Duration **Value** 90 **Value Type** Days		**Type** Text **Code** Dose **Value** 1.5 **Value Type** ml		**Type** Text **Code** Frequency **Value** 1 **Value Type** W					
12	Lidocaine topical Spray (100 mg/ml) is prescribed once every other day for 1 week.	Lidocaine topical Spray (100 mg/ml)	**Type** Text **Code** Duration **Value** 7 **Value Type** Days		**Type** Text **Code** Dose **Value** 1 **Value Type** spray		**Type** Text **Code** Frequency **Value** 1 **Value Type** AD					
13	Ketoconazole shampoo (20mg/g) prescribed twice a week for 8 weeks	Ketoconazole shampoo (20mg/g)	**Type** Text **Code** Duration **Value** 56 **Value Type** Days		**Type** Text **Code** Dose **Value** 1 **Value Type** app		**Type** Text **Code** Frequency **Value** 2 **Value Type** W					
14	Levetiracetam tablet prescribed starting dose 500mg twice daily for 2 weeks, followed by 500mg three times daily for 2 weeks. (Titration / tapering scenario)	Levetiracetam 500 mg tablet	**Type** Text **Code** Duration **Value** 28 **Value Type** Days		**Type** Text **Code** Dose **Value** 1 **Value Type** unit		**Type** Text **Code** Frequency **Value** 2 **Value Type** D		**Type** Text **Code** Dose **Value** 1 **Value Type** unit		**Type** Text **Code** Frequency **Value** 3 **Value Type** D