

# DRUG LIST IMPORT

Formulary import & confirmation

### 3. Warning

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## 1 Interface objective

When doctors prescribe treatment during a patient's hospital stay, used products are most of the time given by the hospital pharmacy.

The purpose of this requirement is to follow the drug stock and to respect the current drug list used in the hospital.

Diane presents the drug list sorted by priority during the research of a drug. It is possible to display only items from the list without seeing the drugs coming from the online drug database.

Note that during prescription exchange between Diane and a third-party software, an error in the drug list coming from the output connector would automatically lead to an error on the input connector side.

## 2 Feature

### 2.1 CSV file

Standard import is done through a CSV file where the column separator is a tabulation with 3 columns: UCD CODE or CIP, designation, price:

x_code_ucd	x_desig	Prix
9001076	ADALATE 10 mg CAPSULE - Chy	
9001194	ADIAZINE 500 mg COMPRIME - Chy	
9001917	AKINETON LP 4 mg COMPRIME	
9002093	ALDACTAZINE 15 mg + 25 mg CP - Aix	
9002118	ALDACTONE 50 mg COMPRIME	
9002130	ALDACTONE 75 mg COMPRIME	
9002182	ALDOMET 250 mg COMPRIME - Aix	
9002242	ALEPSAL 100 mg COMPRIME	
9002265	ALEPSAL 50 mg COMPRIME	
9003595	ALTIM 3,75mg-1,5ml SER 1,5ml SUSP INJ	
9003738	AMETYCINE 10 mg FL IV	
9004577	ANAFRANIL 75 mg COMPRIME	

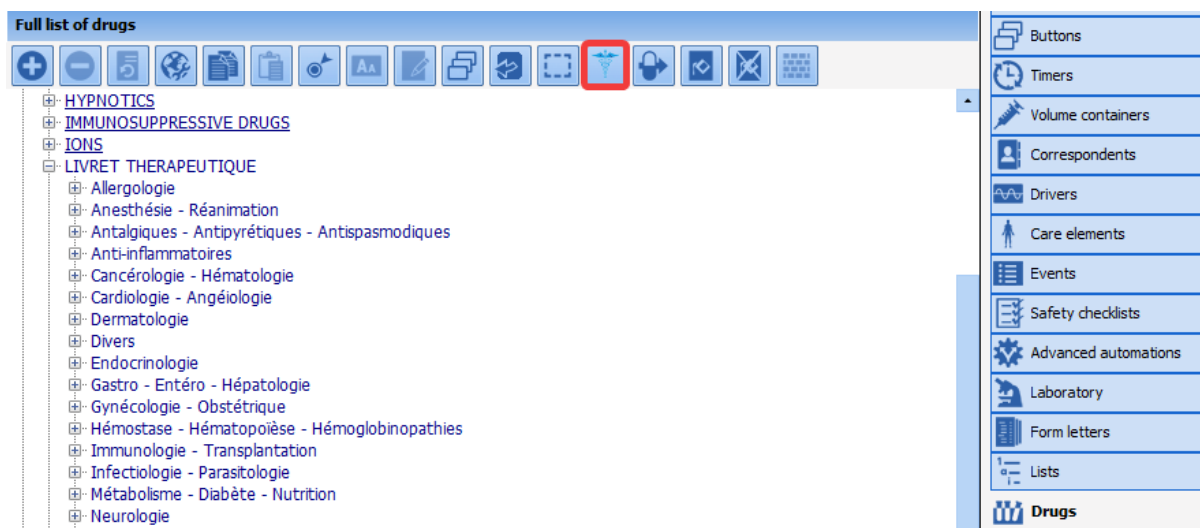
**CSV file is mandatory to pursue the import, it must contain the exhaustive drug list.**

For each UCD/CIP code, Diane queries the online drug database in order to collect the necessary information for each drug that would be used by the Diane prescription tool.

Note that the file contains either CIP or UCD codes. The file does not manage the automatic detection of the code type.

## 2.2 Importing CSV file through user interface

To find the drug list on Diane, go to the configuration tool, tab drugs and click on the following icon:



The content of the actual drug list is displayed in the upper bar:

- Specify the path of the CSV file to import
- Check the option « Import from UCD codes » if necessary
- Click on « Open ».

This operation might take few minutes according to the number of items to add and to the accessibility to the server hosting the online drug database.

**Importing formulary**


Progress: 0%  
 0%

Formulary file path: O:\Diane\Sources\Applications\Configuration>ListUCDLivret.txt ... **Open**
 First title row  
 Import from UCD codes  
 Hide deleted items

Search:

Icon	ID	DIAN...	L.Name	Label	UCD	UCD13	CIP	CIP13	Quantity	Units (Code)	Units	Routes(Code)
○	8508	14702	HELICOBACTER TEST 45M...	[13]C UREA 45 mg powde...	9315797	3400893157978				566/-1/-1		38
○	8509	14704	HELICOBACTER TEST 75M...	[13]C UREA 75 mg powde...	9214961	3400892149615				566/-1/-1		38
○	3852	7944	ZIAGEN 20MG/ML BUV FL2...	ABACAVIR (sulfate) 20 m...	9212548	3400892125480				57/60/-1		38
○	3912	8050	TRIZIVIR CPR	ABACAVIR (sulfate) 300 ...	9225901	3400892259017				-1/129/-1		38
○	3842	7929	ZIAGEN 300MG CPR	ABACAVIR (sulfate) 300 ...	9211359	3400892113593				-1/129/-1		38
○	4638	9320	TRIUMEQ 50/600/300MG ...	ABACAVIR (sulfate) 600 ...	9407826	3400894078265				-1/129/-1		38
○	4134	8442	KIVEXA 600MG/300MG CPR	ABACAVIR (sulfate) 600 ...	9273426	3400892734262				-1/129/-1		38

**Configuration**  
Importing from drug guide...



Progress: 66%  
81%

Formulary file path: Desktop\Documents\Tri... \Tri... .txt

Search:

**Warning**

Errors occurred during import. Please consult the file O:\... \ImportLivret\_26\_10\_2021-16\_06\_46.log

4.7.5.6

**Information**

Entries to update: 909  
 Entries to add: 120  
 Entries to be deleted (market withdrawal): 30  
 Entries to delete (deleted from the booklet): 9437

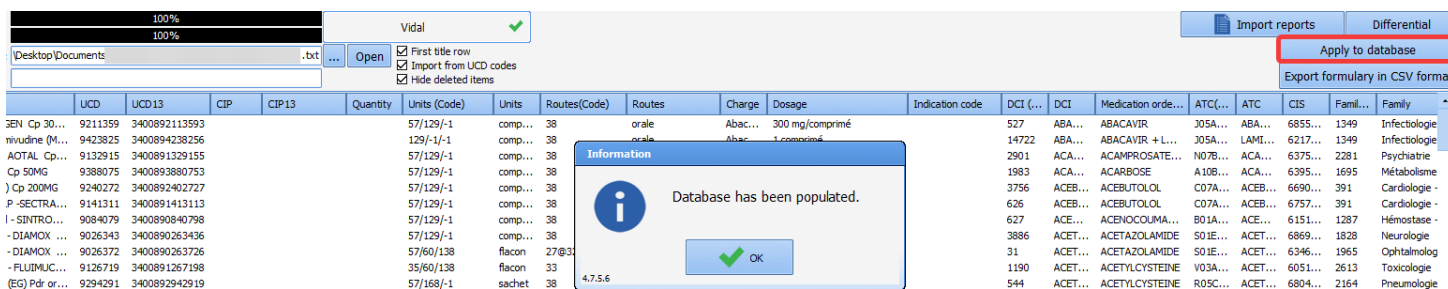
4.7.5.6

At the end of the import process, a summary indicates the number of items updated. The file ImportLivret.log will display the errors if any:

```
*** Products not found on the drug database (2) :
CYTARABINE 2000mg-40ml FL 40ml PERF-IV (CIP=, UCD=9307533)
FOSFOCINA 1g FL PERFUSION IV - Chy (CIP=, UCD=9291128)
```

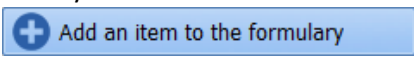
In the log file, it is possible to determine if the detected errors have to be considered. The most frequent one concerns UCD/CIP codes errors.

At this stage, data are not yet saved on the database. It is necessary to apply those modifications using the « Apply to database » button.



The screenshot shows a software window with a menu bar (File, Edit, View, Tools, Help) and a toolbar with buttons like 'Open', 'Apply to database', and 'Export formulary in CSV format'. Below the toolbar is a data table with columns: UCD, UCD13, CIP, CIP13, Quantity, Units (Code), Units, Routes(Code), Routes, Charge, Dosage, Indication code, DCI (...), DCI, Medication orde..., ATC(...), ATC, CIS, Famil..., Family. An 'Information' dialog box is open in the center, displaying a green checkmark and the text 'Database has been populated.' with an 'OK' button.

## 2.3 Update an item in the drug list

At any time, it is possible to modify or to add an item in the list. To do this, on the importing formulary window, click on: 

The following window allows to add an item manually or to search it in the drug database by double clicking the drug on the « CIP found » area as shown below.

The available data are imported automatically:

**Editing of a formulary item** X

Formulary ID	DIANE ID	Quantity	Units (Code)	Unit(UCD)	Quantity of nitrogen per container
-1	-1				0
CIP	CIP13	Charge	Routes(Code)	Routes	
UCD	UCD13	CIS	DCI (Code)	DCI	
L.Name			ATC(Code)	ATC	
Label			Family (Code)	Family	
Dosage			Form (Code)	Form	
Drug search	CIP found			Medication order label	
CARDENSIEL 10 mg cp pellic séc	CARDENSIEL 10MG CPR			Indication codes	

View monograph

Configured drug database: Vidal

Drug database for the item:

Reimport from DDB



Max. quantity (Jd/Kg)  Max. quantity (Jd)

















Lethal value (Jd/Kg)  Lethal value (Jd)

Patient's weight (used to calculate maximum and lethal values)

kg

## 2.4 Verification & impact

Once the import done, you can test the list modification by searching a drug on the medication orders (VISUAL.EXE). When the item displays the icon  it means that the drug is part of the list. Otherwise, the icon  shows a result from the online drug database. For example:

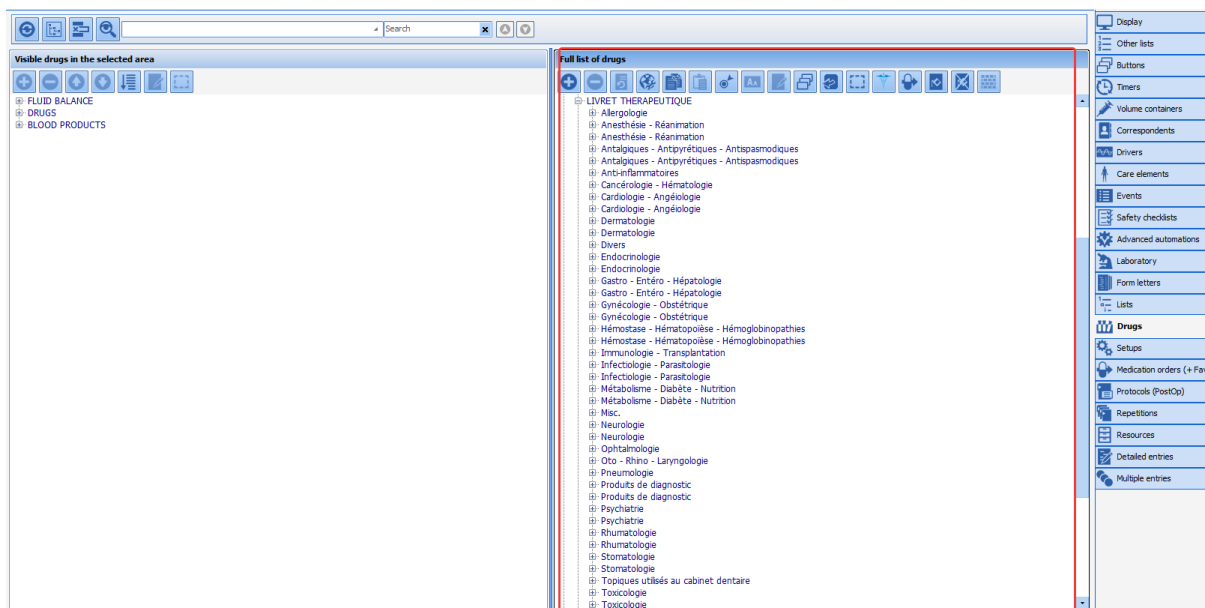
<input type="text" value="doliprane"/>	<input type="text" value="cardensiel"/>
<ul style="list-style-type: none"> <li> DOLIPRANE ENFANT SOL BUV FLAC 100 ML = PARACETAMOL (2400)</li> <li> doliprane 300 mg per os (300 mg/sachet)</li> <li> doliprane 500 mg cp per os (500 mg/comprimé)</li> <li> DOLIPRANE 500 MG GELULE = PARACETAMOL (500 mg/gélule)</li> <li> doliprane 500 mg per os (500 mg/sachet)</li> <li> DOLIPRANEORO ' DISPERSIBLE' 500 MG CPM = PARACETAMOL (500)</li> <li> CODOLIPRANE AD. 400/20MG CPR (1 unité/comprimé)</li> </ul>	<ul style="list-style-type: none"> <li> cardensiel 1,25 mg cp per os (1,25 mg/comprimé) (Réfèrent)</li> <li> cardensiel 10 mg cp per os (10 mg/comprimé) (Réfèrent)</li> <li> cardensiel 2,5 mg cp per os (2,5 mg/comprimé) (Réfèrent)</li> <li> cardensiel 3,75 mg cp per os (3,75 mg/comprimé) (Réfèrent)</li> <li> cardensiel 5 mg cp per os (5 mg/comprimé) (Réfèrent)</li> <li> cardensiel 7,5 mg cp per os (7,5 mg/comprimé) (Réfèrent)</li> <li> BISOGE-MYLAN 1.25 MG CPM = BISOPROLOL (CARDENSIEL) (1,25 mg/comprimé) (Générique)</li> <li> BISOGE-MYLAN 2.5 MG CPM = BISOPROLOL (CARDENSIEL) (2,5 mg/comprimé) (Générique)</li> <li> BISOGE-MYLAN 5 MG CPM = BISOPROLOL (CARDENSIEL) (5 mg/comprimé) (Générique)</li> </ul>

**Note that updating the list does not update the favourites. It means that your key user has to update them manually.**

**The import report lists the impacted favourites. You can access to it through a right click.**

In addition, a drug list « Formulary » is automatically updated, it classifies the drugs by therapeutic class in order to use them during Intraoperative phase.





The screenshot displays a software window with a search bar at the top. On the left, there is a sidebar titled 'Visible drugs in the selected area' containing three items: 'FLUID BALANCE', 'DRUGS', and 'BLOOD PRODUCTS'. The main area is titled 'full list of drugs' and contains a long list of medical categories, each preceded by a small icon. The categories include:

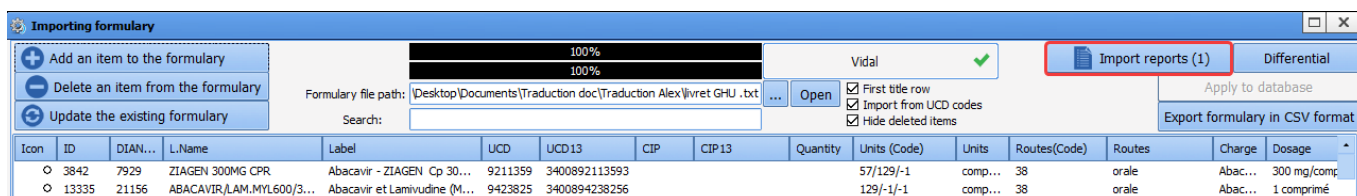
- LIVRET THERAPEUTIQUE
- Allergologie
- Anesthésie - Réanimation
- Anesthésie - Réanimation
- Antalgiques - Antipyrétiques - Antispasmodiques
- Antalgiques - Antipyrétiques - Antispasmodiques
- Anti-inflammatoires
- Cancérologie - Hématologie
- Cardiologie - Angéologie
- Cardiologie - Angéologie
- Dermatologie
- Dermatologie
- Divers
- Endocrinologie
- Endocrinologie
- Gastro - Entéro - Hépatologie
- Gastro - Entéro - Hépatologie
- Gynécologie - Obstétrique
- Gynécologie - Obstétrique
- Hémostase - Hématopoïèse - Hémoglobinopathies
- Hémostase - Hématopoïèse - Hémoglobinopathies
- Immunologie - Transplantation
- Infectiologie - Parasitologie
- Infectiologie - Parasitologie
- Métabolisme - Diabète - Nutrition
- Métabolisme - Diabète - Nutrition
- Misc.
- Neurologie
- Neurologie
- Ophthalmologie
- Oto - Rhino - Laryngologie
- Pneumologie
- Produits de diagnostic
- Produits de diagnostic
- Psychiatrie
- Psychiatrie
- Rhumatologie
- Rhumatologie
- Stomatologie
- Stomatologie
- Topiques utilisés au cabinet dentaire
- Toxicologie
- Toxicologie

On the right side of the window, there is a vertical toolbar with various icons and labels, including: Display, Other lists, Buttons, Timers, Volume containers, Correspondents, Drivers, Care elements, Events, Safety checklists, Advanced automations, Laboratory, Form letters, Lists, Drugs, Setup, Medication orders (+ Favo), Protocols (PostOp), Requisitions, Resources, Detailed entries, and Multiple entries.





## 4. Import reports & favourites update

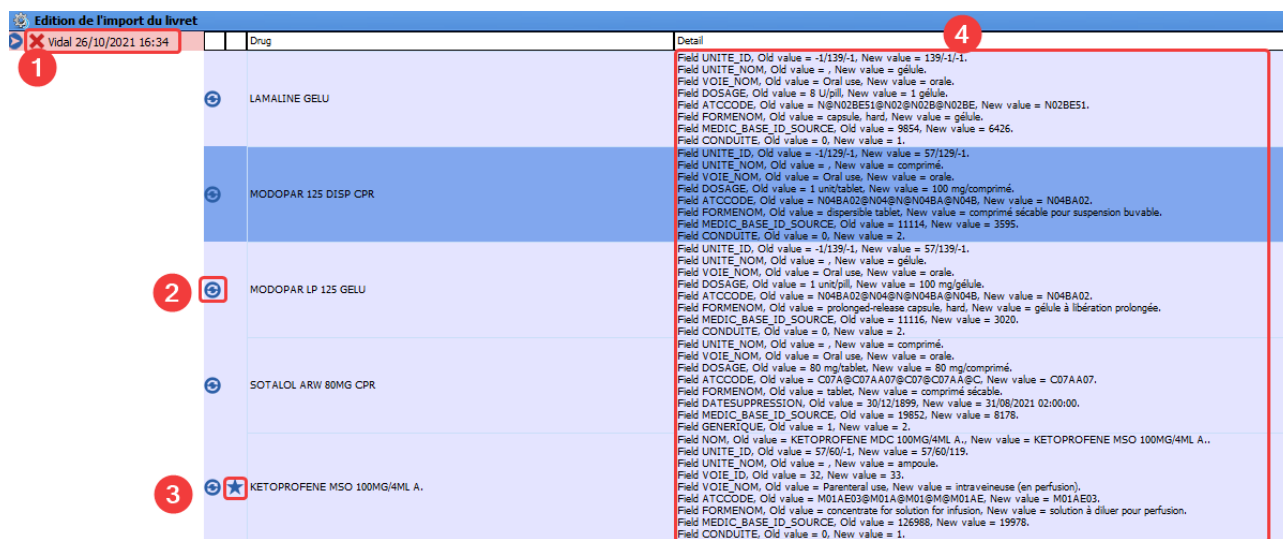
### 4.1 Generalities

After applying the new formulary on the database, an import report is generated.



On the following image :

1. Secure import date and time with Vidal version of your hospital. The red cross indicates that this import report has not been validated yet.
2. The icon  means that the row is updated (blue color area)
3. The icon  means that the drug is associated to a favourite.
4. Changes details
5. The icon  means that the drug row has been added (green color area)
6. The icon  means that the drug row has been deleted from the formulary (red color area)





+	SUBOXONE 2MG/0,5MG CPR	Field HOSPITAL_RESERVED, Old value = 0, New value = -1. Field CONDUITE, Old value = 0, New value = 3. Field UNITE_ID, Old value = -1/129/-1, New value = 57/129/-1. Field UNITE_NOM, Old value = , New value = comprimé. Field VOIE_NOM, Old value = Sublingual use, New value = sublinguale. Field DOSAGE, Old value = 1 unit/tablet, New value = 2 mg/comprimé. Field ATCCODE, Old value = N07B@N@N07BC@N07@N07BC51, New value = N07BC51 Field FORMENOM, Old value = sublingual tablet, New value = comprimé sublingual. Field MEDIC_BASE_ID_SOURCE, Old value = 76750, New value = 18387. Field GENERIQUE, Old value = 0, New value = 1. Field CONDUITE, Old value = 0, New value = 2.
+ ★	ASPEGIC 500MG INJ FL ASPEGIC (acetylsalicylate) SIV 100mg / 24 h	Field UNITE_ID, Old value = 138/-1/-1, New value = 57/138/-1. Field UNITE_NOM, Old value = , New value = flacon. Field VOIE_ID, Old value = 27@32@33, New value = 32@27@33. Field VOIE_NOM, Old value = Parenteral use, New value = intraveineuse@intramusculaire Field DOSAGE, Old value = 1 flask, New value = 500 mg/flacon. Field ATCCODE, Old value = N@N02BA01@N02@N02B@N02BA, New value = N02BA01 Field FORMENOM, Old value = powder and solvent for solution for injection, New value = Field MEDIC_BASE_ID_SOURCE, Old value = 1523, New value = 9584. Field UNITE_NOM, Old value = , New value = comprimé. Field VOIE_NOM, Old value = Oral use, New value = orale.

Choosing the favourite leads to the following window :

Example : ASPEGIC (acetylsalicylate) SIV 100mg/ 24h

Editing of favourites "ASPEGIC (acetylsalicylate) SIV 100mg / 24 h"

Calories (/24h): - kcal (- kcal/kg)  
Nitrogen (/24h): - g (1g/- kcal)

Vidal
✓

---



---

+ ★
**IV**

Acide acetylsalicylique : 500 mg + Sodium chlorure 0,9 %: 50 ml; D=15min 1x/j

On the example above, there are 4 rows to edit, in consequence, you need to make the modification 4 times as it follows :

1. Click on a row containing the drug to open the editing form.
2. On the tab corresponding to the drug, delete the name of the drug and enter the drug name again. Diane will suggest the latest version of the formulary once you insert few letters of the drug name, you can then choose the updated drug.
3. Pay attention to the drug dosage and to the other information of the favourite. You will need to reinsert them before approving the modification.
4. After the validation, you need to click on « Save » to save the modifications.

Acide acetylsalicylique : 500 mg + Sodium chlorure 0,9 %: 50 ml; D=15min 1x/j

IV

Acetylsalicylate \* Sodium + +

Acetylsalicylate DL lysine - ASPEGIC Pdr et sol inj 500MG  
500 mg/flacon

Height: 175 cm  
Weight: 80 kg

This product is not dilutable

Dosage per administration: 500 mg /kg /m2 Max. [ ]

Dosage per day: 500 mg

Flow rate: 2 g /kg /h /min

Do not replace/substitute

Total per day used by DDB analysis: 500 mg

Administration duration: 24h 12h 8h 6h 4h 3h 2h 30min Other: 00:15

Continuous flow rate (duration and dilution not defined)

route IV

On request Brought by the patient

Schedule: 1 times per day(s)

Apply hours in "absolute" Undefined time (resets the care plan)

Time offset: - : day(s)

Enter a duration: During 1 day(s)

26-10-2021 27-10-2021 27-10-2021 27-10-2021 27-10-2021

18:00 20:00 22:00 00:00 02:00 04:00 06:00 08:00 10:00 12:00 14:00 16:00 18:00

Pharmacist notes

Confirm Cancel

container and dilution

Volumetric container: Drip bag 50 (50mL)

Infusion flow rate: 200 mL/h Gravity flow rate

Main product: DL lysine - ASPEGIC Pdr et sol inj 500  
Conc. 10 mg / mL  
Dilution: 0 %

Total volume: 50 mL  
Max. capacity: 70 mL  
Per day: 1 Drip bag 50 (50mL)  
Total volume: 50 mL

Change medication order field... Save

## 4.2.2 Deleted drugs (red area)

It is required to edit the favourites associated to the deleted drug in order to replace it with the drug available in the new formulary. To do that, right-click on the drug:

★ RINGER LAC BBM P.1E500ML	Champ UNITE_WOM, Ancienne valeur = ecoffic, Nouvelle valeur = poche. Champ DOSAGE, Ancienne valeur = 1 ecoffic/500 ml, Nouvelle valeur = 1 poche/500 ml. Champ MEDIC_BASE_ID_SOURCE, Ancienne valeur = 14508, Nouvelle valeur = 8346. Champ UNITE_ID, Ancienne valeur = 571601, Nouvelle valeur = 57160126. Champ MEDIC_BASE_ID_SOURCE, Ancienne valeur = 16065, Nouvelle valeur = 2593.
★ TELEBRIX GASTRO P1/100ML	
★ ALPRAZOLAM MYL 0,35MG CPR	
★ BENERVA 500MG INJ AMP2ML	
★ CASPOFUNGINE MYL 50MG PERF FL	
★ CASPOFUNGINE MYL 70MG PERF FL	
★ CORDARONE 200MG CPR	
★ DAPTOMYCINE ACC 350MG INJ FL	
★ DAPTOMYCINE 600mg x 3 / 24h pdt 7j - IV	
★ DEPAKINE CHRONO 500MG CPR	
★ DEXDOR 100MG/ML AMP2ML	
★ DIFFLUX 600MG GELU	
★ ESIDREX 25MG CPR	
★ HYDROXYZINE ARW 25MG CPR	
★ IMOVANE 7,5MG CPR	
★ LIDOC.AGT 10MG/ML S/C PV20ML	
★ LIDOC.AGT 20MG/ML ADR.A.10ML	
★ LIDOC.AGT 20MG/ML S/C PV20ML	
★ LIDOCALINE 5% AGT F1/205 +CAN	
★ MILRINONE MDC 10MG INJ A.10ML	
★ NDCARDIPINE AGT10MG INJ 10ML	
★ OPLOXACINE MYL 200MG/40ML P.	
★ PROPOFOL MYL 20MG/ML FL50ML	
★ REMIFENTANIL MYL 5MG INJ FL	
★ STILNOX 10MG CPR PELLIC	
★ URAPIDIL MYL 100MG IV A.20ML	
★ URAPIDIL MYL 25MG IV A.5ML	
★ VALIUM 10MG CPR	

1. Click on the row containing the drug:

**Edition de favoris "DAPTOMYCINE 600mg x 3 / 24h pdt 7 j - IV"**

Calories (J24) : -KCal (-KCal/Kg)  
Azote (J24) : -g (1g/-KCal)  
Prix estimé : €4,92

Vidal

IV	
<input checked="" type="checkbox"/>	Daptomycine : 600 mg + Sodium chlorure 0,9 %: 50 ml; D=30min 3x/j à partir du 29/09 à 16h01, pdt 7 j

2. In the editing form, add a drug available on the formulary to replace the deleted one (if your formulary is updated, a matching product should appear).

**Daptomycine : 600 mg + Sodium chlorure 0,9 %: 50 ml; D=30min 3x/j à partir du 29/09 à 16h02, pdt 7 j**

IV

Taille : 175 cms  
Poids : 80 Kgs

**DAPTOMYCINE \* SODIUM + +**

DAPTOMYCINE ACC 350MG PDR INJ FL  
350 mg/flacon

Ce produit n'est pas diluable

Posologie par administration : 600 mg /kg /m2 Max. Posologie par jour : 1800 mg

Débit : 1,2 g /kg /h /min

Ne pas remplacer/substituer

**Total par jour utilisé pour l'analyse de la BdM: 1800 mg**

Durée d'administration : 30min

Voie : intraveineuse

Planification : 3 fois par jour(s)

Condition

Commentaire

Contenant et dilution

Contenant volumique : Poche à perfuser 50 (50)

Débit de la perfusion : 100 ml/h

Débit libre

Détails

Produit principal : DAPTOMYCINE ACC 350MG PDR INJ I  
Conc. 12 mg / ml  
Dilution : 0 %

Volume total : 50 ml  
Capacité max : 70 ml  
Par jour : 3 Poche à perfuser 50 (50ml)  
Volume total : 150 ml

29-09-2020 30-09-2020 30-09-2020 30-09-2020 30-09-2020 01-10-2020 01-10-2020

18:00 00:00 06:00 12:00 18:00 00:00 06:00

Remarques du pharmacien

Validater Annuler

Exemple : « DAPTOMYCINE ACC » has been replaced with « DAPTOMYCINE MDC » :

**Dapto : 1 unité + Sodium chlorure 0,9 %: 50 ml; D=30min 3x/j à partir du 29/09 à 16h03, pdt 7 j**

IV

dapto \* SODIUM + +

Taille : 175 cms  
Poids : 80 Kgs

contenant et dilution

Contenant volumique

Poche à perfuser 50 (50)

Débit de la perfusion

100 ml/h

Débit libre

Débit

2 /kg /h

3 /m2 /min

Ne pas remplacer/substituer

Prescription non sécurisable par la banque de médicaments

Durée d'administration

24h 12h 8h 6h 4h 3h 2h 1h 30min Autre:

Débit continu (durée et dilution non définies)

Voie intraveineuse

A la demande

Apporté par le patient

Planification

3 fois par jour(s)

Jours... Heure non définie

Appliquer les heures en "absolu" Décalage de temps

Preciser une durée

Pendant 7 jour(s)

29-09-2020 30-09-2020 30-09-2020 30-09-2020 30-09-2020 01-10-2020 01-10-2020

18:00 00:00 06:00 12:00 18:00 00:00 06:00

Remarques du pharmacien

Condition

Commentaire

50 ml

Produit principal dapto

Conc. 0,02 / ml

Dilution : 0 %

Volume total : 50 ml

Capacité max : 70 ml

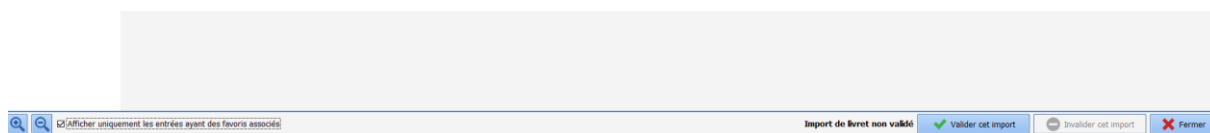
Par jour 3 Poche à perfuser 50 (50ml)

Volume total : 150 ml

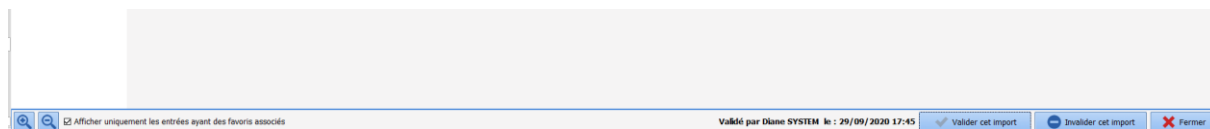
Valider Annuler

### 4.3 Formulary import validation

After modifying and confirming the impacted favourites, it is necessary to confirm the import report. Click on « Confirm this import » below.



Once the report confirmed, the name of the person who has confirmed it will appear with the date and time of the confirmation.



On the top on the window, the red row with the cross turns to green to show that the import report has been confirmed.

