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# PHARMASHIP

MEDICAL INVENTORY SOFTWARE

## **User Manual**

***Release 0.9.0***

**2021-04-25**



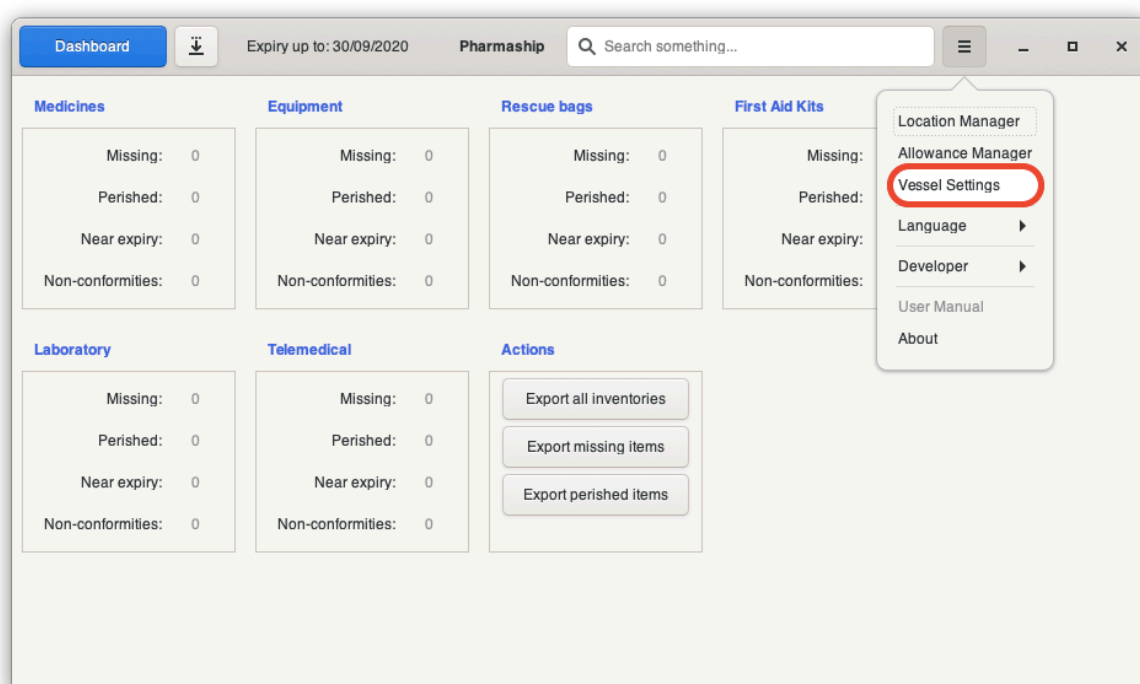
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## INSTALLATION & SETUP

### 1.1 Configure your vessel



In any software window, open *Configuration Menu* then *Vessel Settings*.

Fill all fields there as it will be used on various area, such as your pdf exportation. When modifying any value, bottom bar will appear with *save* or *cancel* button. Click on *save* to record your changes.

## 1.2 Configure your allowances

In any software window, open *Configuration Menu* then *Allowance Manager*.

This configuration window is split in two columns, on the left, the top part shows allowance loaded for your vessel when the bottom part shows import button to update allowance you have to use.

### 1.2.1 Allowances

You should have allowances packets in your possession, if not you may download some from [Pharmas-ship/Allowance](#). These files look like *A\_type\_version.tar.asc*, where *type* can be *GSMU* for instance, and *version* is the revision number.

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**Note:** These files are encrypted, using GnuPG public and private keys for signature validation from authors of packets. This is to ensure origin of data, and prove its integrity.

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Active column allows you to (de)activate any allowance you want, in order to check for example quantity and dotation of an other specific allowance.

### 1.2.2 Vessel pharmacy

On the column, you will be able to (de)activate Laboratory and/or Telemedical equipment depending if your vessel is equipped, or not. Then you need to specify how many first aid kit(s) and rescue bag(s) you have, they may be stow outside of vessel's pharmacy. They usually are.

Finally, set-up the warning delay for pharmacy check. This is interval between when you need to order new medicines in order to receive them before the old ones were expired.

**Warning:** Sailing with expired medicines is prohibited.

But don't throw expired medicines until you receive the good one, it may save life ! Expired medicines have to be kept outside of good medicines, with a placard : "expired medicines, do not used". In fact, it could be used on Maritime Medical Consultation Center Doctor advice only.

Depending on your system, you will have to use the following installer that you may find on [DSM website](#) on page [Pharmaship](#).

- **pharmaship\_xx.xx.xx.exe** for Windows Operation System - Simply double-click on the application icon.
- **pharmaship\_xx.xx.xx.deb** for Debian based systems - execute “dpkg -i pharmaship.xx.xx.xx.deb” in normal user console.
- **pharmaship\_xx.xx.xx.dmg** for MacOS environment - Double click, then drag & drop Pharmaship icon to your application folder.

Once successfully installed, you will be able to execute it for the first time and set all parameters.

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**Note:** In case of new installation of *Pharmaship*, there is absolutely no need for any kind of configuration. Once installation is done, directly recover your backup and simply check that there is no mistake in configuration.

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## SETUP YOUR INVENTORY

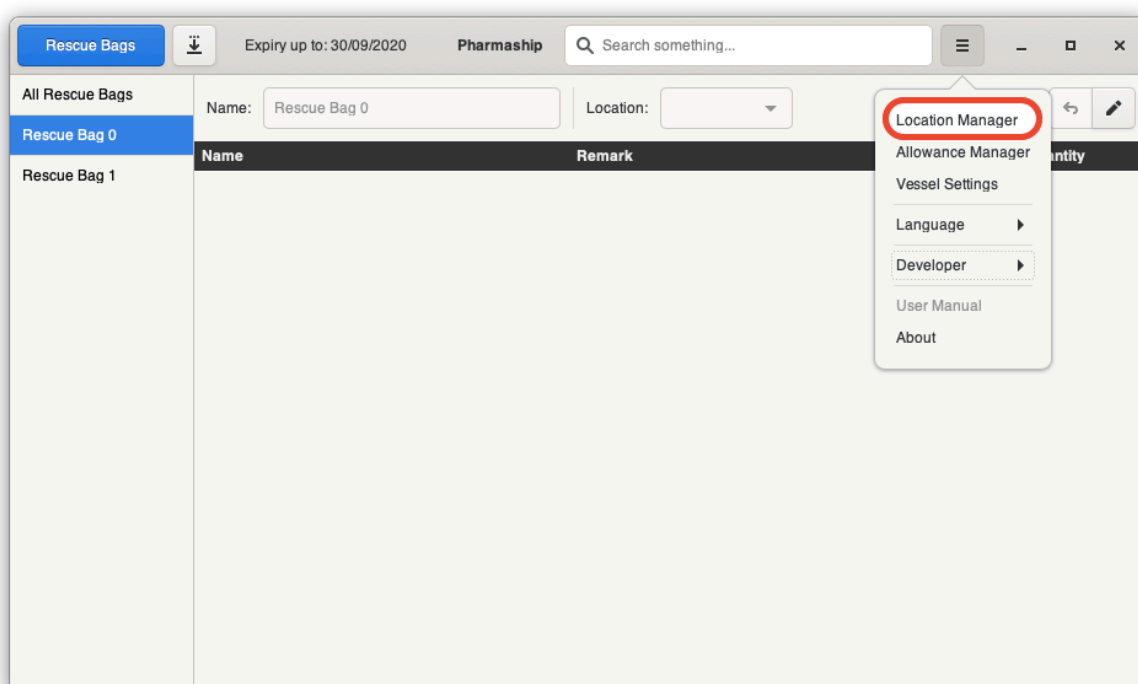
When you install from scratch, and need to configure your database, before entering any medicines in there, you first need to configure your location, the shelf and drawer names you will use to tell to pharmaship where are stored your medical stuffs.

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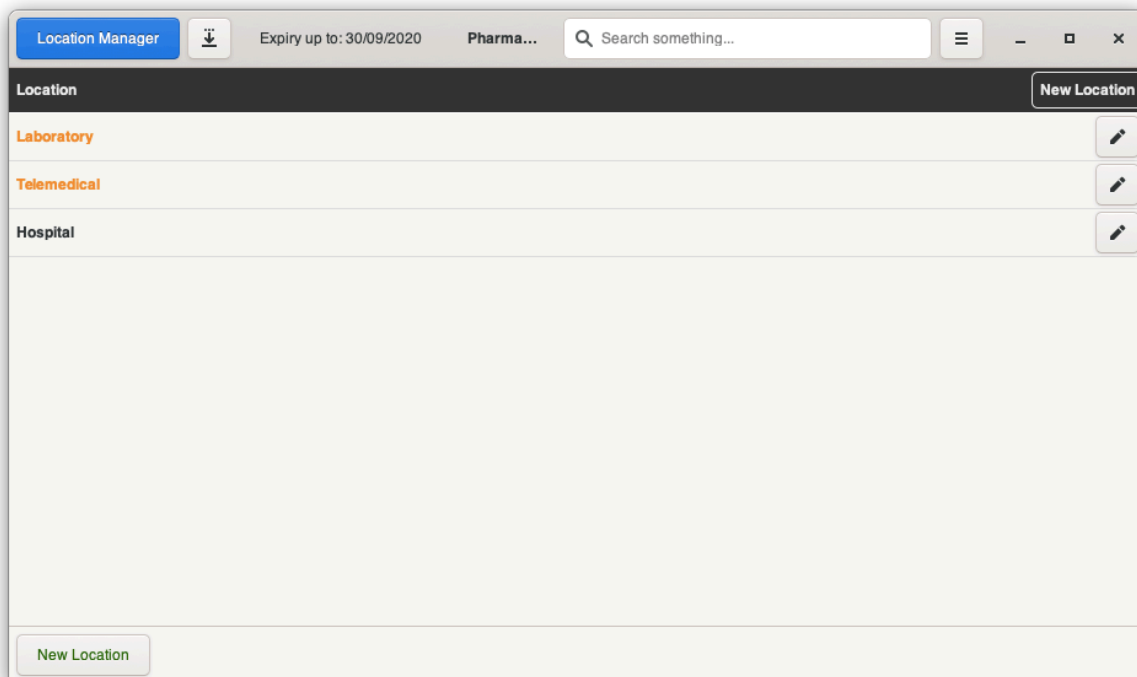
**Note:** Be explicit there as finding medicines is always a kind of rush.

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### 2.1 Configure your locations

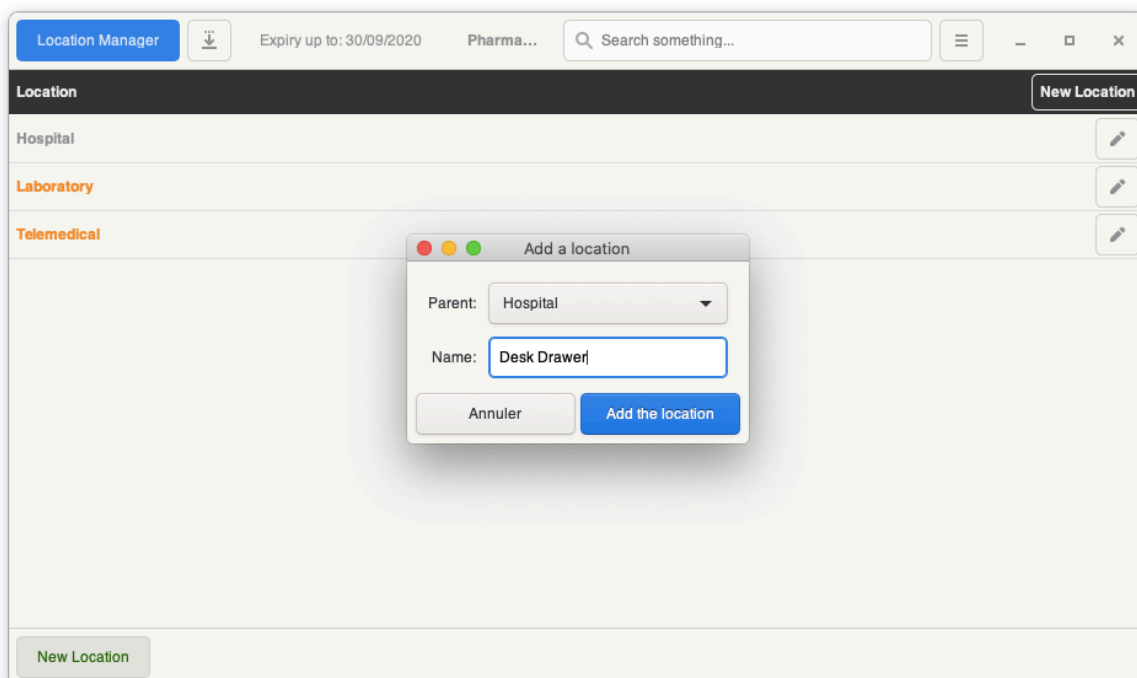


In any software window, open *Configuration Menu* then *Location Manager*.

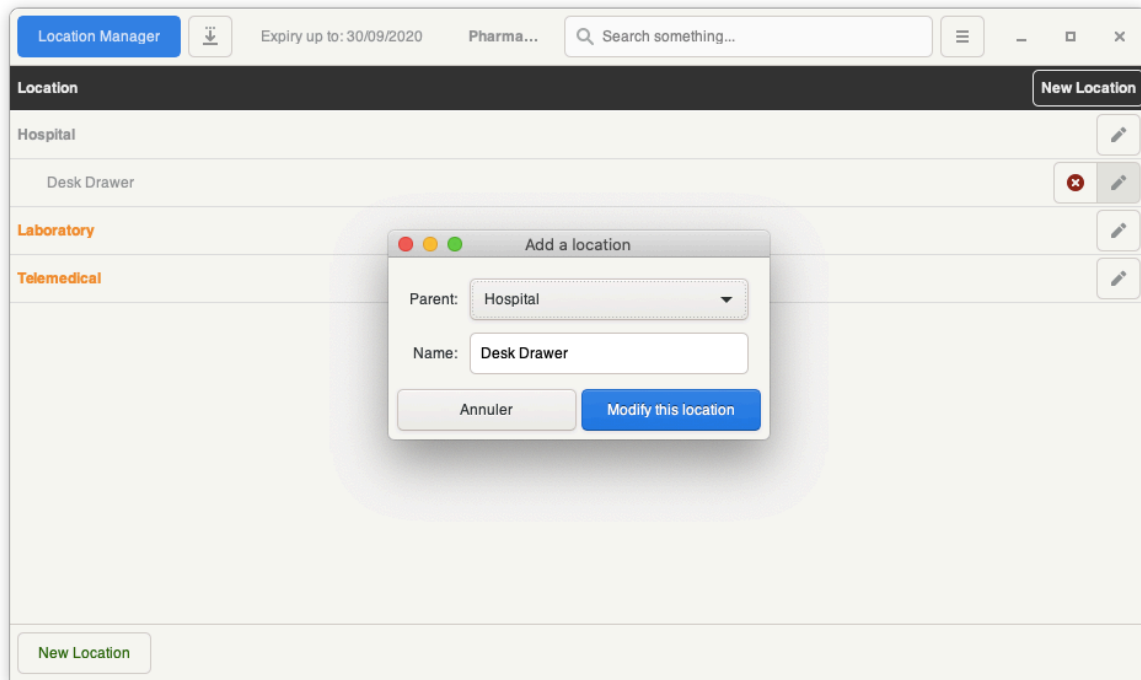


By default, there is few locations. You may modify, add, remove others location, but it is a good habit to keep these first locations.

Let's make an example. If we want to add the desktop drawer in our list of locations, because we store medical tools there, simply click on *new location* button, located either in the top right corner, either in the bottom left corner of the window. On the sub window which opens, select **hospital** as *parent* location, for a drawer in hospital, and put a name, like **Desk Drawer**. Click on *Add the location*.



Now it has been added, you can see that it appears in the list of locations - lucky we are ! We can easily delete, or modify it with the button on the right end of its line, and to update, it appears exactly on the same way. To erase, click on the cross button, then validate on the sub window.



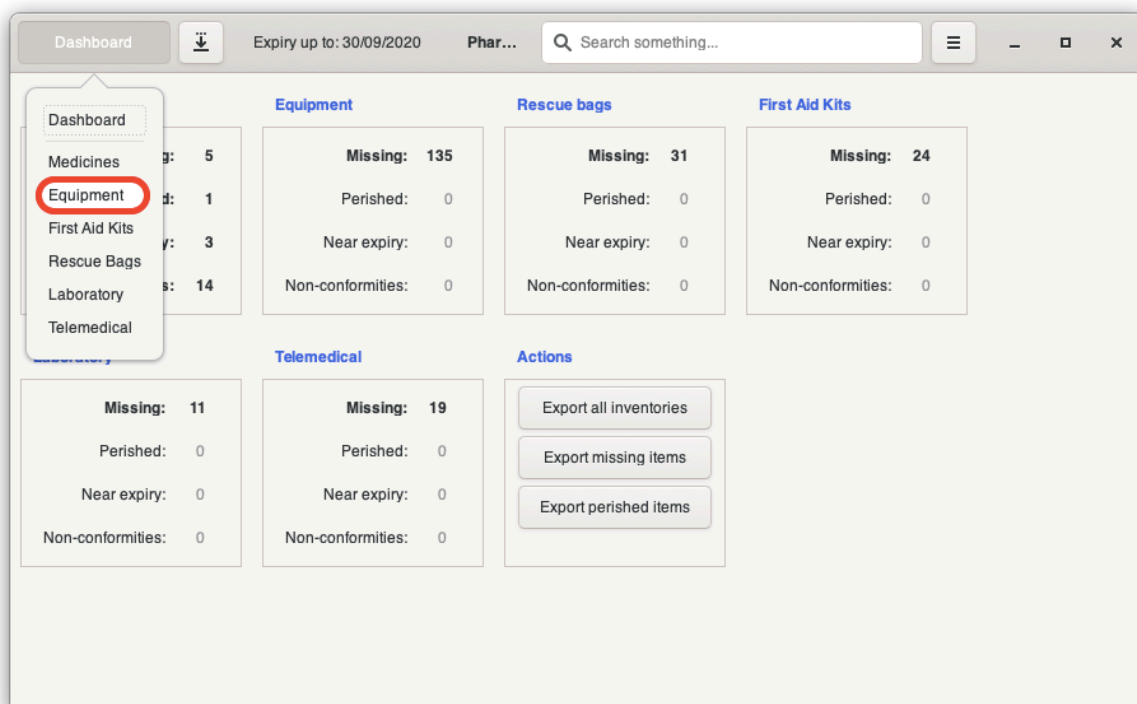
Once all your locations are set up, you may proceed with updates of medicines.

## 2.2 Initial inventory

Well, this might not be the funniest part, but new software for maintaining stock, and managing requisition, often means complete new inventory. So, here we are. It's time.

Let's make a step by step example. To Update *equipment* first, let's go into its page.

In any software window, click on the blue button, whatever it says, then *Equipment*.



As there is no equipment already setup, you should arrive on the following page, showing an empty list of equipment. Equipments are coming from allowances you inserted during configuration step.

Name	Remarks	Packaging	Location	Expiry	Quantity
<b>1. Matériel de réanimation</b>					
Aspirateur de mucosité fonctionnant à pied, à main ou de façon automatique, avec tuyau d'aspiration	type Ambu® Twin Pump	unité		0/1	
Canule oro-pharyngée taille 2 (adulte)	type Guedel®	unité		0/2	
Canule oro-pharyngée taille 3 (adulte)	type Guedel®	unité		0/2	
Canule oro-pharyngée taille 4 (adulte)	type Guedel®	unité		0/2	
Défibrillateur Automatisé Externe	avec 2 sets d'électrodes et 1 tapis isolant	unité		0/1	
Insufflateur manuel avec réservoir à oxygène	Ballon auto remplisseur à valve unidirectionnelle type Ambu®	unité		0/2	
Jeu d'électrodes pour défibrillateur	compatible avec DAE	set		0/2	
Masque aérosol pour nébulisation de médicaments (adulte) avec tubulure	usage unique	unité		0/2	
Masque facial pour insufflateur manuel, taille 5 (adulte)	usage unique	unité		0/2	
Masque à oxygène à haute concentration (adulte) avec tubulure	usage unique	unité		0/10	

When clicking on one line, it opens the named equipment inventory list as per below.



Equipment						
Expiry up to: 30/09/2020		Pharmaship		Search something...		
Name	Remarks	Packaging	Location	Expiry	Quantity	
<b>1. Matériel de réanimation</b>						
Aspirateur de mucosité fonctionnant à pied, à main ou de façon automatique, avec tuyau d'aspiration	type Ambu® Twin Pump	unité			0/1	
Canule oro-pharyngée taille 2 (adulte)	type Guedel®	unité			0/2	
Canule oro-pharyngée taille 3 (adulte)	type Guedel®	unité			0/2	
Canule oro-pharyngée taille 4 (adulte)	type Guedel®	unité			0/2	
<b>Défibrillateur Automatisé Externe</b>	avec 2 sets d'électrodes et 1 tapis isolant	unité			0/1	
Commercial Name	Remarks		Location	Expiry	Quantity	Actions
Add an article						
Insufflateur manuel avec réservoir à oxygène	Ballon auto remplisseur à valve unidirectionnelle type Ambu®	unité			0/2	
Jeu d'électrodes pour défibrillateur	compatible avec DAE	set			0/2	
Masque aérosol pour nébulisation de médicaments (adulte) avec tubulure	usage unique	unité			0/2	
Masque facial pour insufflateur manuel, taille 5 (adulte)	usage unique	unité			0/2	
Masque à oxygène à haute concentration	usage unique	unité			0/10	

To add an item, click on *add an article*. It will open the following sub-window.

**Warning:** Shall an equipment be non compliant, it should be for a packaging issue. In the bottom of the window, you can comment the non compliant reason. For medicines, it can be molecules, or concentration issue, but you will be able to specify too.

Name	Remarks	Packaging	Location	Expiry	Quantity
<b>1. Matériel de réanimation</b>					
manage.py					
Add an article for equipment: Défibrillateur Automatisé Externe (unité)					
Name:	AED				
Quantity:	1				- +
Expiry:	2021-09-30				
Location:	Engine Room > ECR				
Remark:	expiry date of the main battery come first.				
▼ Non-compliant article					
Different packaging:					
					Annuler
					Add the article
Masque facial pour insufflateur manuel, taille 5 (adulte)	usage unique	unité			0/2
Masque à oxygène à haute concentration	usage unique	unité			0/10

Once your article is filled correctly, click on *add the article*. You can see below your article is registered.

Equipment						
Expiry up to: 30/09/2020		Pharmaship		Search something...		
Name	Remarks	Packaging	Location	Expiry	Quantity	
1. Matériel de réanimation						
Aspirateur de mucosité fonctionnant à pied, à main ou de façon automatique, avec tuyau d'aspiration	type Ambu® Twin Pump	unité			0/1	
Canule oro-pharyngée taille 2 (adulte)	type Guedel®	unité			0/2	
Canule oro-pharyngée taille 3 (adulte)	type Guedel®	unité			0/2	
Canule oro-pharyngée taille 4 (adulte)	type Guedel®	unité			0/2	
Défibrillateur Automatisé Externe	avec 2 sets d'électrodes et 1 tapis isolant	unité	Engine Room > ECR	2021-09-30	1/1	
Commercial Name	Remarks		Location	Expiry	Quantity	Actions
AED	expiry date of the main battery come first.		Engine Room > ECR	2021-09-30	1	 
Add an article						
Insufflateur manuel avec réservoir à oxygène	Ballon auto remplisseur à valve unidirectionnelle type Ambu®	unité			0/2	
Jeu d'électrodes pour défibrillateur	compatible avec DAE	set			0/2	
Masque aérosol pour nébulisation de médicaments (adulte) avec tubulure	usage unique	unité			0/2	

Shall you click again on the line title (in yellow), it will reduce it, and you will see that there is location, expiry date and quantity which change.

Equipment						
Expiry up to: 30/09/2020		Pharmaship		Search something...		
Name	Remarks	Packaging	Location	Expiry	Quantity	
1. Matériel de réanimation						
Aspirateur de mucosité fonctionnant à pied, à main ou de façon automatique, avec tuyau d'aspiration	type Ambu® Twin Pump	unité			0/1	
Canule oro-pharyngée taille 2 (adulte)	type Guedel®	unité			0/2	
Canule oro-pharyngée taille 3 (adulte)	type Guedel®	unité			0/2	
Canule oro-pharyngée taille 4 (adulte)	type Guedel®	unité			0/2	
Défibrillateur Automatisé Externe	avec 2 sets d'électrodes et 1 tapis isolant	unité	Engine Room > ECR	2021-09-30	1/1	
Insufflateur manuel avec réservoir à oxygène	Ballon auto remplisseur à valve unidirectionnelle type Ambu®	unité			0/2	
Jeu d'électrodes pour défibrillateur	compatible avec DAE	set			0/2	
Masque aérosol pour nébulisation de médicaments (adulte) avec tubulure	usage unique	unité			0/2	
Masque facial pour insufflateur manuel, taille 5 (adulte)	usage unique	unité			0/2	
Masque à oxygène à haute concentration	usage unique	unité			0/10	

Do the same for all your equipment and medicines... Then you may proceed to backup menu, in order to avoid having doing it again! :-)

## DAILY USE OF PHARMASHIP

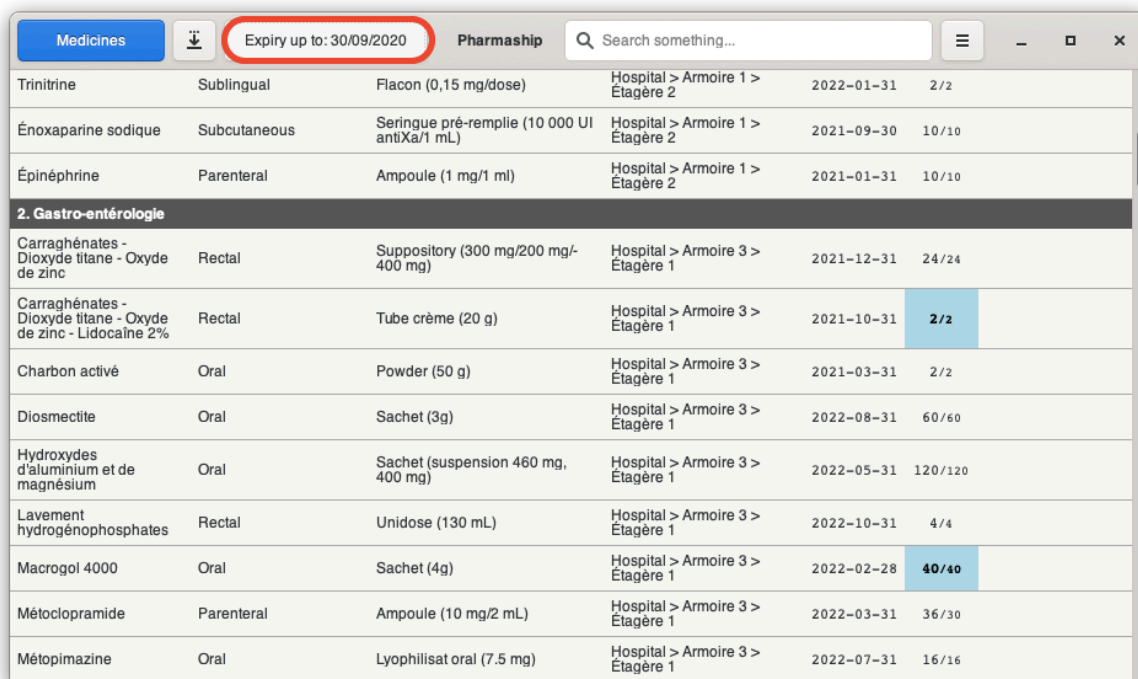
The goal of *Pharmaship* is to be able to provide a valuable support on managing ship's hospital inventory. It means :

- Giving a clear overview of status of medicines/equipments:
  - missing items,
  - outdated ones,
  - non-conformities with regulation.
- Assisting in requisition making, by taking into consideration:
  - time before delivery,
  - time for the next order.
- Assisting creating various logs, like
  - medicines / material log,
  - expired medicines list.

We will see in this page, how it works and how to use it properly. Not all of the menu / functionality will be introduced there, but we are sure that due to its user-friendly interface, you will be able to find all the shortcuts and other operations not explicitly described in this manual.

### 3.1 Set the expiry date

*Expiry up to* as mention in the title bar is always shown. This is a very important parameter in *Pharmaship* as perished item (in *Dashboard*) or expiry colour coding in pages like *Medicines* are taken from there. Different uses may be done.



The screenshot shows the 'Medicines' tab in the Pharmaship application. A red circle highlights the 'Expiry up to: 30/09/2020' filter in the top bar. Below the filter is a table of medicines. The table has columns for medicine name, route, packaging, location, expiry date, and quantity. The table is divided into sections, with '2. Gastro-entérologie' highlighted. The table lists various medicines like Carraghénates, Charbon activé, Diosmectite, etc., with their respective expiry dates and quantities. Some cells are highlighted in blue, indicating they are within the expiry date range.







Medicine	Route	Packaging	Location	Expiry Date	Quantity
Trinitrine	Sublingual	Flacon (0,15 mg/dose)	Hospital > Armoire 1 > Étagère 2	2022-01-31	2/2
Énoxaparine sodique	Subcutaneous	Seringue pré-remplie (10 000 UI antiXa/1 mL)	Hospital > Armoire 1 > Étagère 2	2021-09-30	10/10
Épinéphrine	Parenteral	Ampoule (1 mg/1 ml)	Hospital > Armoire 1 > Étagère 2	2021-01-31	10/10
<b>2. Gastro-entérologie</b>					
Carraghénates - Dioxyde titane - Oxyde de zinc	Rectal	Suppository (300 mg/200 mg/- 400 mg)	Hospital > Armoire 3 > Étagère 1	2021-12-31	24/24
Carraghénates - Dioxyde titane - Oxyde de zinc - Lidocaïne 2%	Rectal	Tube crème (20 g)	Hospital > Armoire 3 > Étagère 1	2021-10-31	2/2
Charbon activé	Oral	Powder (50 g)	Hospital > Armoire 3 > Étagère 1	2021-03-31	2/2
Diosmectite	Oral	Sachet (3g)	Hospital > Armoire 3 > Étagère 1	2022-08-31	60/60
Hydroxydes d'aluminium et de magnésium	Oral	Sachet (suspension 460 mg, 400 mg)	Hospital > Armoire 3 > Étagère 1	2022-05-31	120/120
Lavement hydrogénophosphates	Rectal	Unidose (130 mL)	Hospital > Armoire 3 > Étagère 1	2022-10-31	4/4
Macrogol 4000	Oral	Sachet (4g)	Hospital > Armoire 3 > Étagère 1	2022-02-28	40/40
Métoclopramide	Parenteral	Ampoule (10 mg/2 mL)	Hospital > Armoire 3 > Étagère 1	2022-03-31	36/30
Métopimazine	Oral	Lyophilisat oral (7.5 mg)	Hospital > Armoire 3 > Étagère 1	2022-07-31	16/16

The date which has to be entered there is the date where you want to check what medicines/materials will be expire, in order to reorder them, or in order to remove them from your medical lockers.

### 3.2 Color coding

Colors code is as simple as 3 colors on 2 columns are sufficient for a graphical view.



Medicines			Expiry up to: 30/09/2020	Pharmaship	 Search something...				
1. Cardiologie									
Acide acétylsalicylique	Oral	Sachet (300 mg)	Hospital > Armoire 1 > Étagère 2	2021-07-31	30/20				
Amiodarone	Oral	Tablet (200 mg)	Hospital > Armoire 1 > Étagère 2	2024-10-31	30/30				
Amiodarone	Parenteral	Ampoule (150 mg/3 mL)	Hospital > Armoire 1 > Étagère 2	2021-06-30	6/3				
Atropine	Parenteral	Ampoule (0,5 mg/1 ml)	Hospital > Armoire 1 > Étagère 2	2022-09-30	30/30				
Aténolol	Oral	Tablet (50 mg)	Hospital > Armoire 1 > Étagère 2	2022-10-31	30/28				
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Étagère 2	2021-11-30	13/13				
Isosorbide dinitrate	Oral	Tablet (20 mg)	Hospital > Armoire 1 > Étagère 2	2020-09-23	0/60				A
Nitrendipine	Oral	Tablet (10 mg)	Hospital > Armoire 1 > Étagère 2	2020-11-30	30/28				B
Phytomenadione	Parenteral	Ampoule (10 mg/1 mL)	Hospital > Armoire 1 > Étagère 2	2022-03-31	10/5				
Propranolol	Oral	Tablet (40 mg)	Hospital > Armoire 1 > Étagère 2	2021-12-31	50/28				C
Ticagrelor	Oral	Tablet (90 mg)	Hospital > Armoire 1 > Étagère 2	2022-09-30	60/60				
Trinitrine	Sublingual	Flacon (0,15 mg/dose)	Hospital > Armoire 1 > Étagère 2	2022-01-31	2/2				
Énoxaparine sodique	Subcutaneous	Seringue pré-remplie (10 000 UI antiXa/1 mL)	Hospital > Armoire 1 > Étagère 2	2021-09-30	10/10				

### 3.2.1 A - Color in red

**Red color** on *Expiry* column means the date of expiry of items on the line is already expired, due to the *Expiry up to* filed.

If there is **red color** on *Quantity* column, that means you do not have any sufficient quantity onboard at this date, but, shall you have more that one items (for example, boxes with another expiry date), you may still have the good quantity, and there is no color in that case.

Medicines

Download

Expiry up to: 30/09/2020

Pharmaship

Search something...

Acide acétylsalicylique	Oral	Sachet (300 mg)	Hospital > Armoire 1 > Étagère 2	2021-07-31	30/20
Amiodarone	Oral	Tablet (200 mg)	Hospital > Armoire 1 > Étagère 2	2024-10-31	30/30
Amiodarone	Parenteral	Ampoule (150 mg/3 ml)	Hospital > Armoire 1 > Étagère 2	2021-06-30	6/3
Aténolol	Oral	Tablet (50 mg)	Hospital > Armoire 1 > Étagère 2	2022-10-31	30/28
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Étagère 2	2021-11-30	13/13
Isosorbide dinitrate	Oral	Tablet (20 mg)	Hospital > Armoire 1 > Étagère 2	2020-09-23	60/60

Commercial Name

Remarks

Location

Expiry

Quantity

Actions

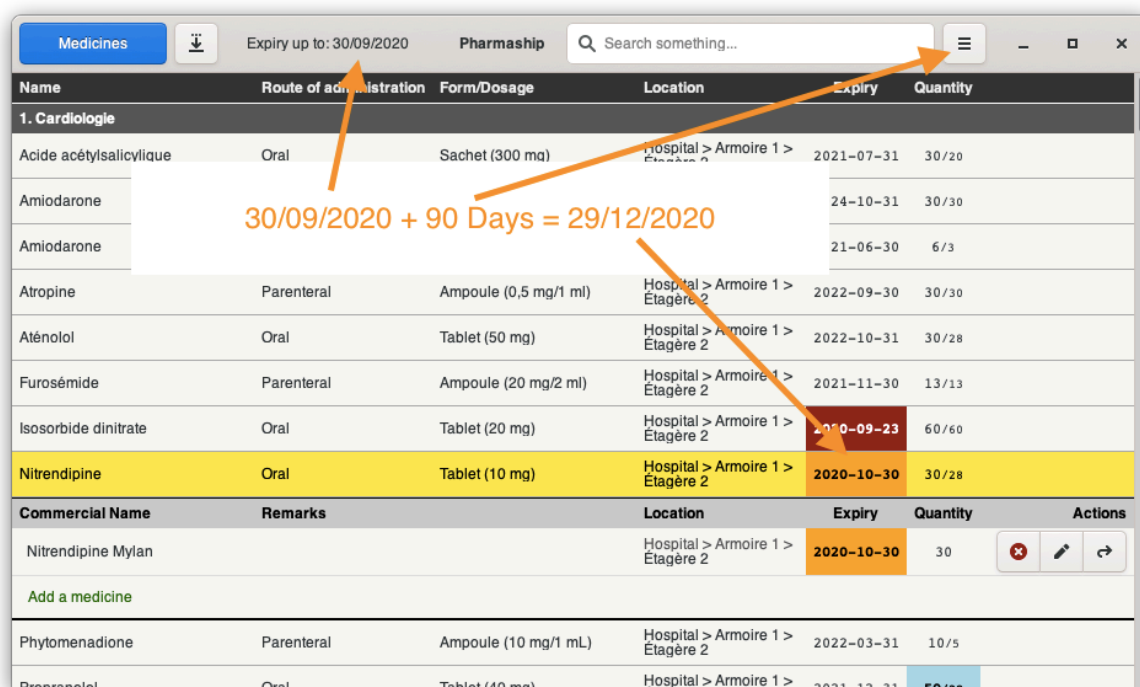
Risordan		Hospital > Armoire 1 > Étagère 2	2020-09-23	60	<div>✖</div> <div>✎</div> <div>↺</div>
Isosorbide dinitrate		Hospital > Armoire 1 > Étagère 2	2021-03-02	60	<div>✖</div> <div>✎</div> <div>↺</div>

Add a medicine

Nitrendipine	Oral	Tablet (10 mg)	Hospital > Armoire 1 > Étagère 2	2020-10-30	30/28
Phytomenadione	Parenteral	Ampoule (10 mg/1 mL)	Hospital > Armoire 1 > Étagère 2	2022-03-31	10/5
Propranolol	Oral	Tablet (40 mg)	Hospital > Armoire 1 > Étagère 2	2021-12-31	50/28

### 3.2.2 B - Color in orange

**Orange color** on *Expiry* column means the date of expiry of items on the line is not already expired, but will expire at the date composed with *Expiry up to date* + *Warning delay for expiry check* from *Allowance Manager*.












Name	Route of administration	Form/Dosage	Location	Expiry	Quantity
<b>1. Cardiologie</b>					
Acide acétylsalicylique	Oral	Sachet (300 mg)	Hospital > Armoire 1 > Etagère 2	2021-07-31	30/20
Amiodarone				24-10-31	30/30
Amiodarone				21-06-30	6/3
Atropine	Parenteral	Ampoule (0,5 mg/1 ml)	Hospital > Armoire 1 > Etagère 2	2022-09-30	30/30
Aténolol	Oral	Tablet (50 mg)	Hospital > Armoire 1 > Etagère 2	2022-10-31	30/28
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Etagère 2	2021-11-30	13/13
Isosorbide dinitrate	Oral	Tablet (20 mg)	Hospital > Armoire 1 > Etagère 2	2020-09-23	60/60
Nitrendipine	Oral	Tablet (10 mg)	Hospital > Armoire 1 > Etagère 2	2020-10-30	30/28
<b>Commercial Name</b>					
Nitrendipine Mylan			Hospital > Armoire 1 > Etagère 2	2020-10-30	30
<b>Remarks</b>					
Add a medicine					
Phytomenadione	Parenteral	Ampoule (10 mg/1 mL)	Hospital > Armoire 1 > Etagère 2	2022-03-31	10/5
Propranolol	Oral	Tablet (40 mg)	Hospital > Armoire 1 > Etagère 2	2021-12-31	50/28

There is no *Orange color* on *Quantity* column, meaning there is no immediate way to know if you will still have enough items, but as we will see in Generate requisition below, it will be re-ordered.

### 3.2.3 C - Color in blue

**Blue color** on *Quantity* column means this item has any kind of non-conformity and has to be re-ordered in order to be compliant with regulation.

Medicines			Expiry up to: 30/09/2020	Pharmaship	 Search something...				
Aténolol	Oral	Tablet (50 mg)	Hospital > Armoire 1 > Étagère 2	2022-10-31	30/28				
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Étagère 2	2021-11-30	13/13				
Isosorbide dinitrate	Oral	Tablet (20 mg)	Hospital > Armoire 1 > Étagère 2	2020-09-23	60/60				
Nitrendipine	Oral	Tablet (10 mg)	Hospital > Armoire 1 > Étagère 2	2020-10-30	30/28				
Phytomenadione	Parenteral	Ampoule (10 mg/1 mL)	Hospital > Armoire 1 > Étagère 2	2022-03-31	10/5				
Propranolol	Oral	Tablet (40 mg)	Hospital > Armoire 1 > Étagère 2	2021-12-31	50/28				
Commercial Name	Remarks		Location	Expiry	Quantity	Actions			
Propranolol Teva	Non-compliant composition: 20mg		Hospital > Armoire 1 > Étagère 2	2021-12-31	50	<div></div>			
Add a medicine									
Ticagrelor	Oral	Tablet (90 mg)	Hospital > Armoire 1 > Étagère 2	2021-06-05	72/60				
Trinitrine	Sublingual	Flacon (0,15 mg/dose)	Hospital > Armoire 1 > Étagère 2	2022-01-31	2/2				
Énoxaparine sodique	Subcutaneous	Seringue pré-remplie (10 000 UI antiXa/1 mL)	Hospital > Armoire 1 > Étagère 2	2021-09-30	10/10				
Épinéphrine	Parenteral	Ampoule (1 mg/1 ml)	Hospital > Armoire 1 > Étagère 2	2021-01-31	10/10				
3. Centre antécécologie									

### 3.3 Generate requisition

In order to generate a good requisition, it is from utmost importance to well understand how to setup dates properly, especially *Expiry up to* and *Warning delay for expiry check*.

*Expiry up to* is the date where you are suppose to receive your next requisition (the one you are preparing now).

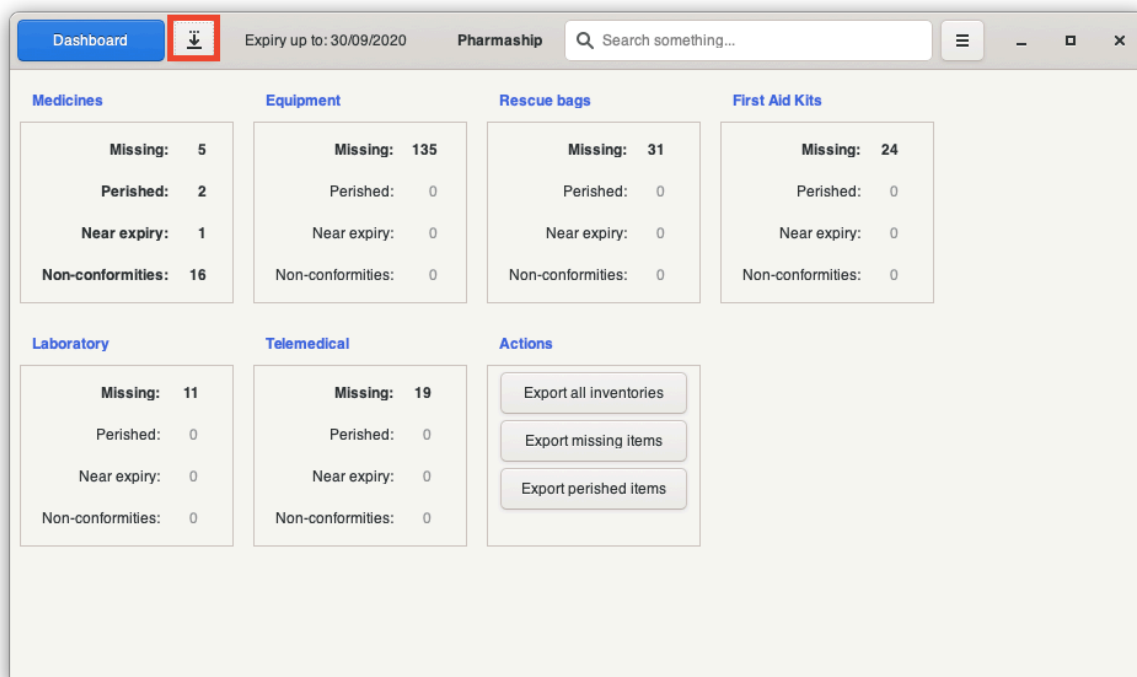
*Warning delay for expiry check* is the delay between 2 requisitions. 90 days, for 3 months for instance.

That means, today (May 15th), I prepare the requisition to be received by the end of the month (May 30th). *Expiry up to* date is set to May 30th.

My interval between 2 requisitions is 2 months. So, next requisition will be received on July 30th. *Warning delay for expiry check* has to be set to 60 days.

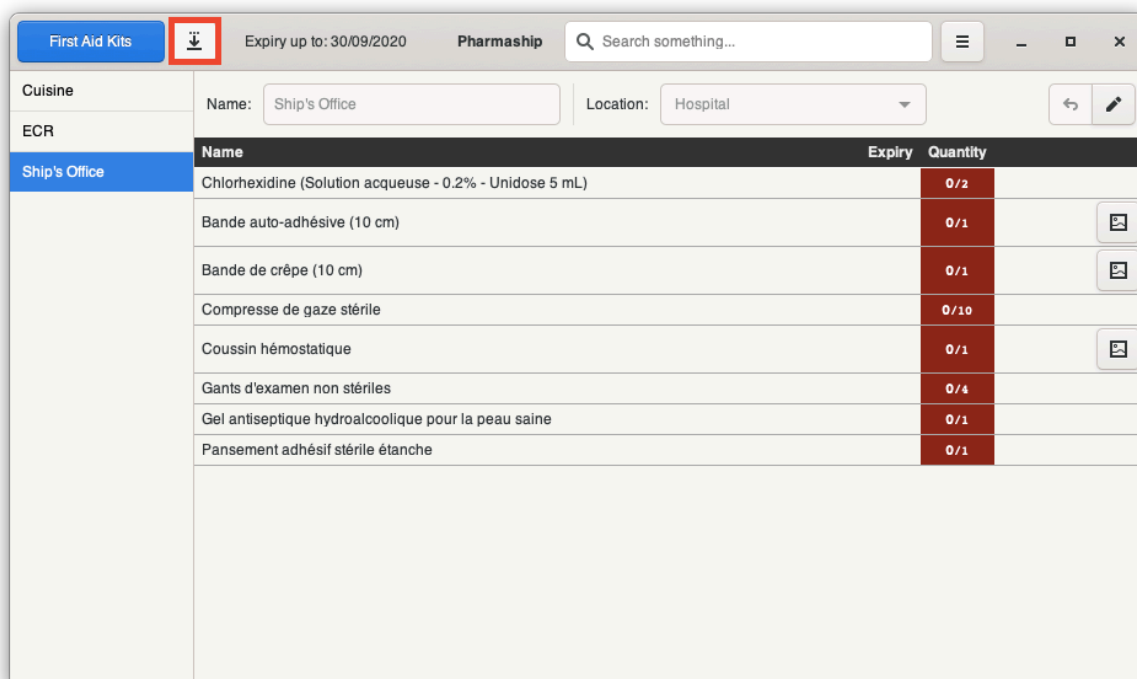
By this way, I will order all medicines that will expire until May 30th + 60 days => July 30th. And during month of July, I will be able to order for the 2 next months again...

From the page *Dashboard*, click on the down direction arrow in order to generate a full inventory of your hospital items. You may send this list to your medical locker contractor, and he will prepare you a requisition with only missing items.



### 3.4 Generate inventory

Several inventories can be generated from the software. From any specific page, you may generate dedicated inventory. For example, if you are on *First Aid Kits* page, you will generate a inventory of First Aid Boxes only. Here below how it looks.



**First Aid Kits Inventory**

**Medical Allowances:** Dotation A - 25 marins, CMA CGM, GSMU, Marlink Telemet, POCramé

**Vessel:** DSM Ship One  
**Shipowner:** Association DSM  
**Flag:** France  
**Port of Registry:** La Rochelle

**Cuisine**

Name	Remark	Min. Quantity	Quantity	Expiry
Chlorhexidine (Solution aqueuse - 0.2% - Unidose 5 mL)		2	0	
Bande auto-adhésive (10 cm)	type Coheban®	1	0	
Bande de crêpe (10 cm)	type Velpeau®	1	0	
Compresse de gaze stérile	Taille moyenne (7,5 x 7,5 cm)	10	0	
Coussin hémostatique	type CHUT®	1	0	
Gants d'examen non stériles	taille M et L	4	0	
Gel antiseptique hydroalcoolique pour la peau saine	pour antiseptie des mains	1	0	
Pansement adhésif stérile étanche	Assortiment de 3 tailles	1	0	

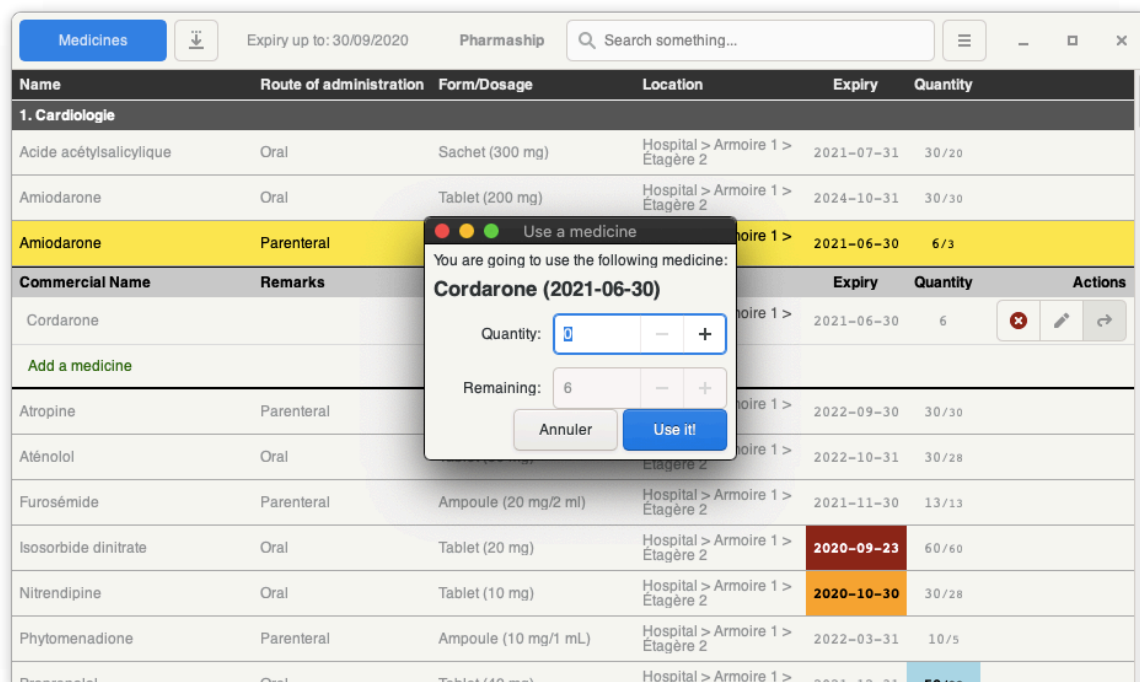
### 3.5 Take out items

In order to manage smoothly your stock, without having to make full inventory every time, a good way to do is to record every single take out of medicine / material every time you do it.

To do so, goes on the item you want to remove. Click on the most right button. On the sub-window which opens, edit the quantity you take out, and press *Use it!* button.

**Medicines** | Expiry up to: 30/09/2020 | Pharmaship | Search something...

Name	Route of administration	Form/Dosage	Location	Expiry	Quantity	Actions
<b>1. Cardiologie</b>						
Acide acétylsalicylique	Oral	Sachet (300 mg)	Hospital > Armoire 1 > Étagère 2	2021-07-31	30/20	
Amiodarone	Oral	Tablet (200 mg)	Hospital > Armoire 1 > Étagère 2	2024-10-31	30/30	
Amiodarone	Parenteral	Ampoule (150 mg/3 mL)	Hospital > Armoire 1 > Étagère 2	2021-06-30	6/3	
<b>Commercial Name</b>	<b>Remarks</b>		<b>Location</b>	<b>Expiry</b>	<b>Quantity</b>	<b>Actions</b>
Cordarone			Hospital > Armoire 1 > Étagère 2	2021-06-30	6	✖ ✎ ➡
<b>Add a medicine</b>						
Atropine	Parenteral	Ampoule (0,5 mg/1 ml)	Hospital > Armoire 1 > Étagère 2	2022-09-30	30/30	
Aténolol	Oral	Tablet (50 mg)	Hospital > Armoire 1 > Étagère 2	2022-10-31	30/28	
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Étagère 2	2021-11-30	13/13	
Isosorbide dinitrate	Oral	Tablet (20 mg)	Hospital > Armoire 1 > Étagère 2	2020-09-23	60/60	
Nitrendipine	Oral	Tablet (10 mg)	Hospital > Armoire 1 > Étagère 2	2020-10-30	30/28	
Phytomenadione	Parenteral	Ampoule (10 mg/1 mL)	Hospital > Armoire 1 > Étagère 2	2022-03-31	10/5	
Propranolol	Oral	Tablet (40 mg)	Hospital > Armoire 1 >	2021-12-31	50/30	



## 3.6 Update inventory

In order to update your inventory, it is as simple as making it again. Just go page after page in the menu :

- Medicines
- Material
- ...

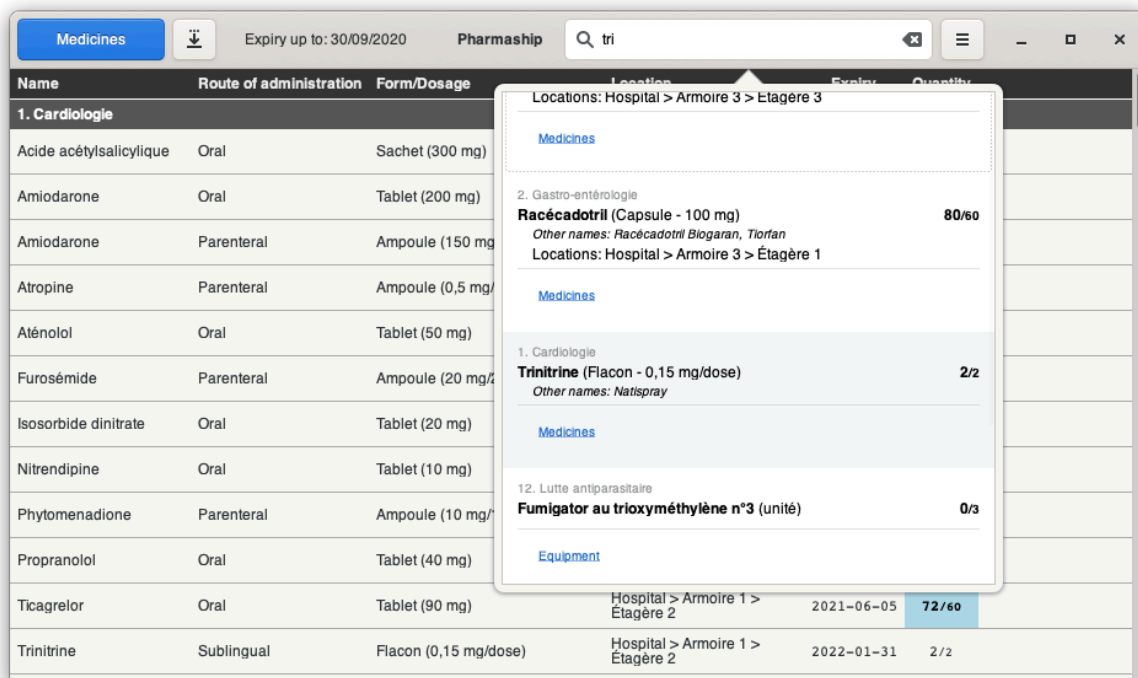
and when clicking on the modif button, it will open the modification sub window where you can modify whatever you want and save your changes.

Medicines			Expiry up to: 30/09/2020	Pharmaship	Search something...				
Etagère 2									
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Étagère 2	2021-11-30	13/13				
Isosorbide dinitrate	Oral	Tablet (20 mg)	Hospital > Armoire 1 > Étagère 2	2020-09-23	60/60				
Nitrendipine	Oral	Tablet (10 mg)	Hospital > Armoire 1 > Étagère 2	2020-10-30	30/28				
Phytomenadione	Parenteral	Ampoule (10 mg/1 mL)	Hospital > Armoire 1 > Étagère 2	2022-03-31	10/5				
Propranolol	Oral	Tablet (40 mg)	Hospital > Armoire 1 > Étagère 2	2021-12-31	50/28				
Ticagrelor	Oral	Tablet (90 mg)	Hospital > Armoire 1 > Étagère 2	2021-06-05	72/60				
Trinitrine	Sublingual	Flacon (0,15 mg/dose)	Hospital > Armoire 1 > Étagère 2	2022-01-31	2/2				
Commercial Name	Remarks		Location	Expiry	Quantity	Actions			
Natispray			Hospital > Armoire 1 > Étagère 2	2022-01-31	2				
Add a medicine									
Énoxaparine sodique	Subcutaneous	Seringue pré-remplie (10 000 UI antiXa/1 mL)	Hospital > Armoire 1 > Étagère 2	2021-09-30	10/10				
Épinéphrine	Parenteral	Ampoule (1 mg/1 ml)	Hospital > Armoire 1 > Étagère 2	2021-01-31	10/10				
2. Gastro-entérologie									
Carraghénates - Dioxyde titane - Oxyde de zinc	Rectal	Suppository (300 mg/200 mg/400 mg)	Hospital > Armoire 3 > Étagère 1	2021-12-31	24/24				

Medicines						
		Expiry up to: 30/09/2020		Pharmaship		
				Search something...		
Etagère 2						
Furosémide	Parenteral	Ampoule (20 mg/2 ml)	Hospital > Armoire 1 > Étagère 2	2021-11-30	13/13	
Add a medicine						
Add a medicine for molecule: Trinitrine (Flacon - 0,15 mg/dose)						
Name:	Natspray					
Quantity:	2					- +
Expiry:	2022-01-31					
Location:	Hospital > Armoire 1 > Étagère 2					
Remark:						
<input type="checkbox"/> Non-compliant medicine						
				<div>Annuler</div> <div>Modify the medicine</div>		
Énoxaparine sodique	Subcutaneous	Seringue pré-remplie (10 000 UI antiXa/1 mL)	Hospital > Armoire 1 > Étagère 2	2021-09-30	10/10	
Épinéphrine	Parenteral	Ampoule (1 mg/1 ml)	Hospital > Armoire 1 > Étagère 2	2021-01-31	10/10	
2. Gastro-entérologie						
Carraghénates - Dioxyde titane - Oxyde de zinc	Rectal	Suppository (300 mg/200 mg/400 mg)	Hospital > Armoire 3 > Étagère 1	2021-12-31	24/24	

### 3.7 Search functionality

One of the most advance functionality is the “search function”. In the top bar, put some letters of whatever you search medicine or material, and click to [enter]. Whereever it is recorded in molécule / commercial name / item / ... it will be found out of there.



### 3.8 Dashboard

Functions from the main page, called *Dashboard*, are numerous. You may do:

- a full inventory export, using the button *Export all inventories*.
- an dedicated export of all missing or perished items.

**Note:** Perished items inventory is usefull to remove from locker whwat is perished at the current date for example.

But you can do even more than that. As you may noticed already, all table name are clickable, this is a shortcut where its related page. Every single number displayed there is clickable also. It offers you the possibility to see all detailed information about items included in this number.

For exemple Perished medicines contains 2 items



The screenshot shows the Pharmaship dashboard with a modal window titled 'Perished molecules' open. The dashboard has a top navigation bar with 'Dashboard', 'Expiry up to: 30/09/2020', 'Pharmaship', and a search bar. The main content area is divided into four sections: 'Medicines', 'Equipment', 'Laboratory', and 'Telemedicine'. Each section has a list of items with their status and quantity. The 'Perished molecules' modal window displays a table with the following data:

Name	Quantity	Expiry
Risordan [Isosorbide dinitrate] (Tablet - 20 mg)	60	2020-09-23 (in 8 days)
Cefuroxime (Solution pour perfusion - 750 mg)	10	2020-06-30 (77 days ago)

At the bottom of the modal window, there are two buttons: 'Copy as text' and 'Edit as CSV'.

And as you can see, you may copy the result as txt (Text format) or you may export the result in csv to make a table or manual changes.

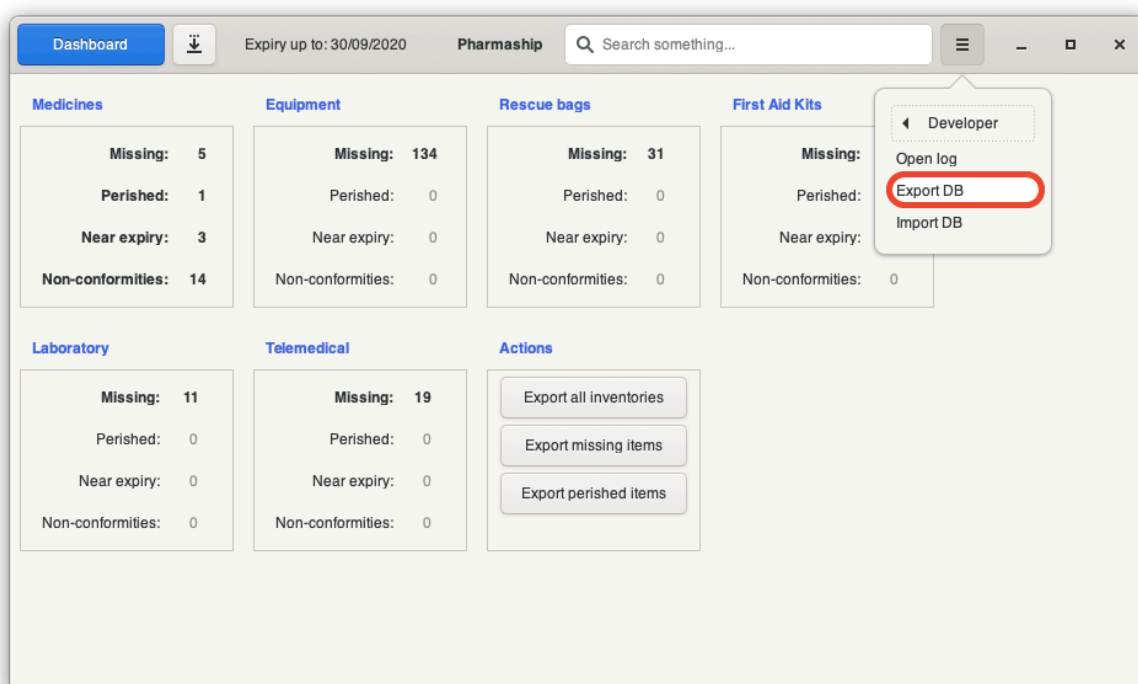


## BACKUP AND RESTORE

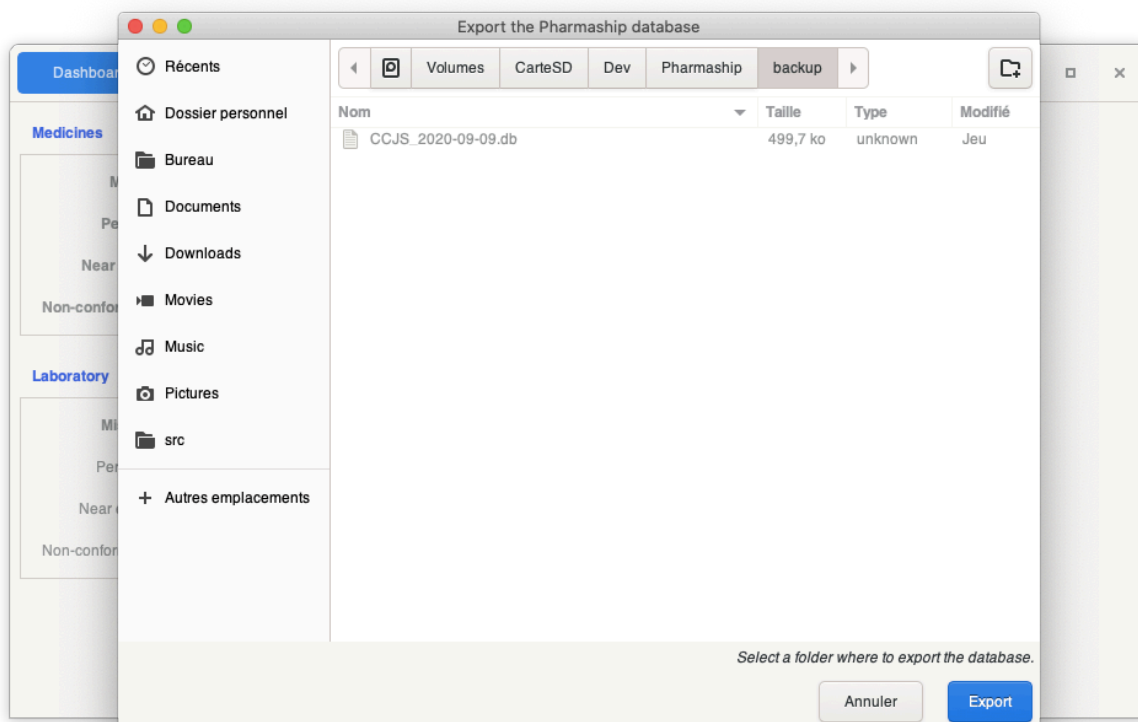
Shall don't you want to full inventory again your hospital, better to use backup functionality after each inventory, or at least every month, or before any upgrade.

### 4.1 Export Data Base

Export a database is very simple. From any software window, open *Configuration Menu* then *Developer* and click on *export DB*.

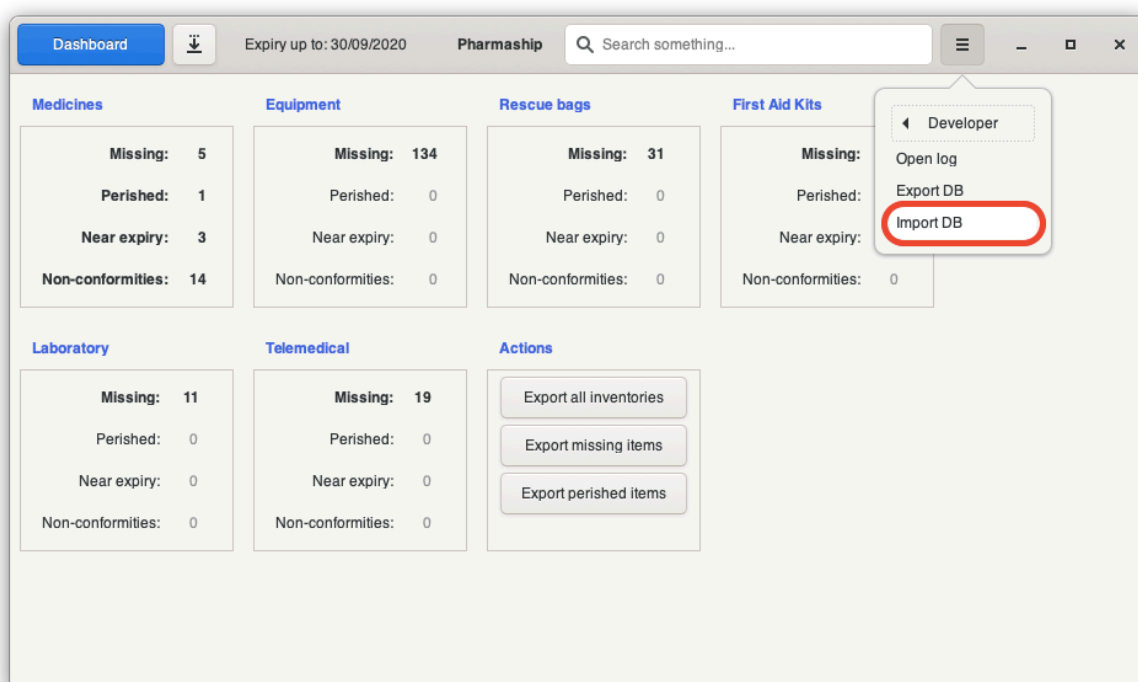


A sub-window is opening, asking you where to save your file, for instance, on Desktop, or in a dedicated backups folder.



## 4.2 Import Data Base

Once you want to import a database backup, for example, if you have to install pharmaship on a new computer, or a new version, simply go on *Configuration* menu, then *Developer* and click on *Import DB*



A sub-window is opening, asking you where to load your file from, select your backed up file. Then validate on the confirmation Window.

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**Note:** In case of new installation of *Pharmaship*, there is absolutely no need for any kind of configuration. Once installation is done, directly recover your backup and simply check that there is no mistake in configuration.

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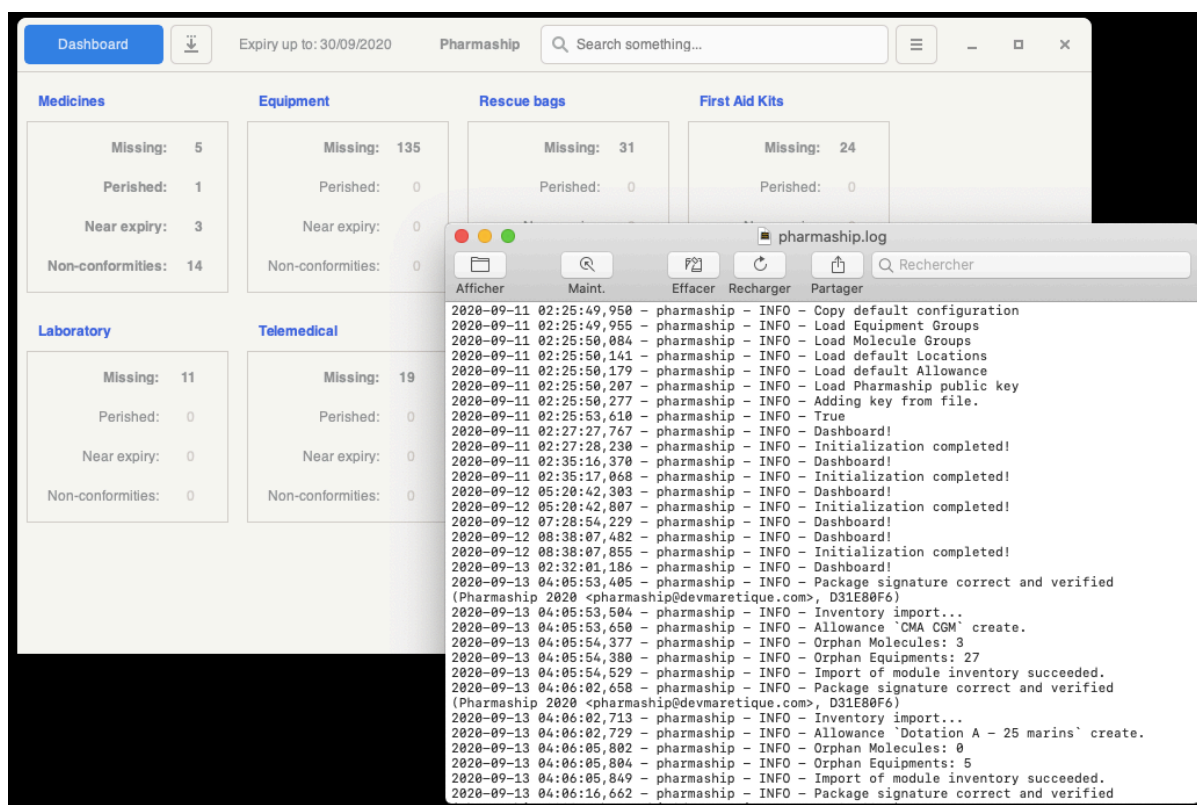


## ANY TROUBLE

Shall you encounter any trouble with Pharmaship, please do report to your IT manager, or to your contact in DSM. Try to provide as much information as possible to explain the situation you encountered. Screen-shots are more than welcome. You may even zip the pharmaship datauser folder which is in your home folder. Depending on you system, location may change from *user/data/pharmaship* under Windows OS to */home/user/.pharmaship* under Linux or MacOs systems..

### 5.1 Open log

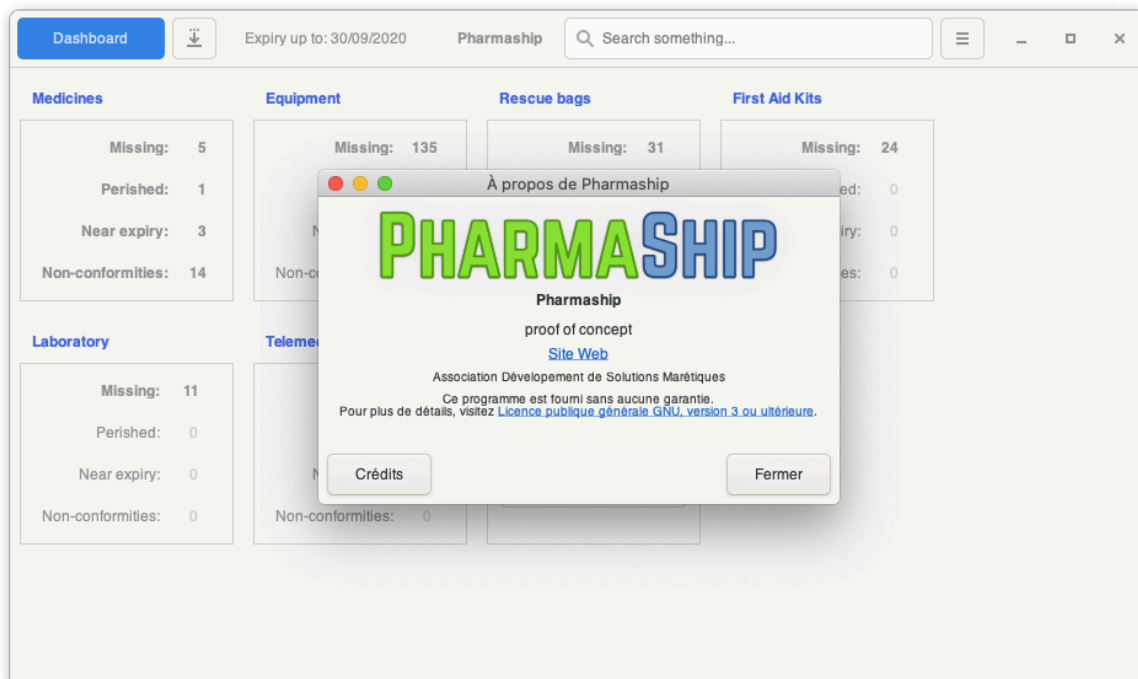
In complement of information, please do export also a log of application is possible, from *Developer/Open log* menu.



Kindly note that our log does not contain any personal information.

## 5.2 About

In any case, if you have no contact available, you can use about window, and connect to our website there. It will redirect you and you will find a contact information there.



Our utmost general address where we can be informed about your trouble is [DSM Contact](#).

Thank you.