4.05. Programs

There are a number of ways of modelling programs in mSupply:

- completely separate sets of virtual stores for each program (see section 22.08. Virtual stores)
- tag stock with different program labels in the same store (see section 7.06. Custom stock fields)
- use the donor field as the program label (see section 7.07. Managing donors)
- and probably a few more ways you can think of!

You can also manage requisitions by program. This involves using some special settings for master lists. In this method, a program is an extension to a master list. A program includes a standard list of items as well as:

- **Order Types:** defined categories setting the maximum number of orders and quantity of stock to be ordered per period.
- **Period Schedules:** defined time intervals when orders can be placed; schedules and periods must be set up before creating programs.
- **Regimen Data:** a defined list of additional information that may need to be provided by a customer when making a program requisition.

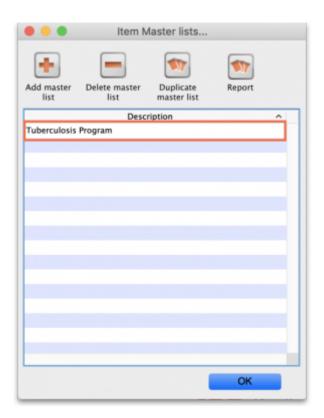
Examples of items commonly managed by programs include malaria, HIV and tuberculosis medicines and medical supplies.

4.05.01. Creating a program

A program is defined by additional settings made to a master list:

1. Navigate to the Item tab and click the Master List icon:

2. Double-click on a master list to open it (or create a new master list):



3. The Master list details window opens. Click on the **Program Settings** tab:

escription	Tuberculosis Program					
Note						
	utomatically add new items to this mast	er list In use by	r Tags Prog	ram Settings		
+	- 5	(\$ 7		[-
Add item	Delete Item(s) Save Sort order	Copy t	o clipboard		Impo	ort item list
Code	item name	Unit	Item departm	Item category	Imprest Quan	Price
r1i7p4t	Rifamp 150mg, isyrazin 400mg tab	ea		6.6.1 Adicines	400	0
rli1p5t	Rifamp. 150mg,yrazin 500mg tab	ea		6.6.1 Adicines	250	0
rilislt	Rifampicin 150miazid 150mg tab	ea		6.6.1 Adicines	500	0
ri1is7t	Rifampicin 150mniazid 75mg tab	ea		6.6.1 Adicines	300	0
rif150t	Rifampicin 150mg tab/cap	ea		6.2.3 Adicines	200	0
ri3is1t	Rifampicin 300miazid 150mg tab	ea		6.6.1 Adicines	400	0
rif300t	Rifampicin 300mg tab/cap	ea		6.2.3 Adicines	500	0
is1et4t	Isoniazid 150mgol hcl 400mg tab	ea			600	0
iso300t	Isoniazid 300mg tab	ea			300	0
eth400t	Ethambutol hydrochloride 400mg tab	ea		6.6.1 Adicines	500	0
pyr400t	Pyrazinamide 400mg tab	ea			500	0

4. This shows all the settings available for a program:

				Add item m	aster list			
Description	Test master li	ist					Created date: 17/1	0/2024
Note							Created by: mSu	pply Support
Discount %	Automatic	er list is a pat						
This master li	st is a program	n	HIV program	In use by Tag		sation program		
eLMIS integra				נ				
ogram tags								
Tag Period schedu Order bross	le		0 0					
Order types Na	me	Type	Max. orders per peri	od Max MOS	Max. lines	Threshold MOS	Emergency	
								+
gimen data							Default	
Code		N	ame		Туре		Default	12
								+
					OK & Previou	OK & Next	Cancel	OK

5. Tick the box **This master list is a program** to enable the program based features for this master list. Create a **Store Tag** for the program by clicking the plus icon (this is necessary to connect stores to the program later).

6. Name the store tag and click the tick icon.

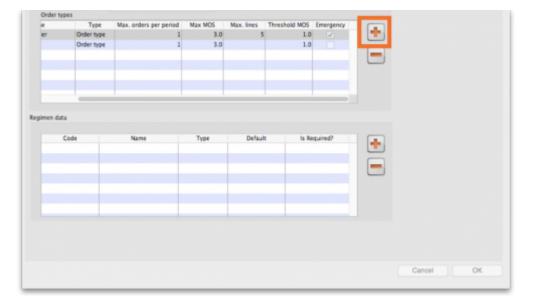
7. Select the **Period Schedule** from the dropdown list (you must have set the periods up first):

•••			
Description	Tuberculosis Pr	gram	
Note			
	utomatically add		Yogram Settings
eLMIS in Store tags	ntegration code		🔁 🚍
Tag		TBprogram 💿 🖌	
Period s Order ty		Monthly 🖸	•

8. For each period schedule, one or more **Order Types** can be created - these set the parameters for program requisitions. Add order types by clicking the plus icon.

9. Give each order type a unique name and set its parameters:

- Emergency: check this box if the order type is for emergencies.
- Max orders per period: maximum number of orders that can be placed in a given period.
- Max MOS: maximum number of months' stock to be kept for each item. Used in the calculation of the suggested amount to order.
- **Threshold MOS:** items with a number of months' stock less than this value will appear in the order by default.
- Max lines: maximum number of items allowed to be ordered for an emergency order (default
 - = 5); an alert will appear if the user tries to exceed the maximum number of items allowed.



4.05.02. Adding indicators to a program

Indicators are used for reporting on the performance of programs (drug regimens). Each indicator value provides data on a metric for a particular store and regimen over a given period. Indicator values are recorded while creating a program requisition.

Indicators allow an organisation to analyse regimen performance and determine what further data should be collected, stored and processed.

To add indicators to a program:

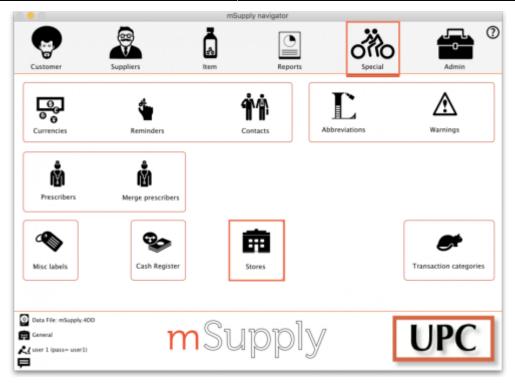
- Open the program via the **Master List** (Click on the **Master list** icon on the *Item* tab of the Navigator).
- Click on the **Program Settings** tab.
- In the **Regimen Data** table add fields for the data that should be provided to the supplier with each program requisition e.g. the number of patients treated.
- Check the **HIV program** checkbox if you want a fixed set of HIV-related indicators to be entered for this program.
- If the customer **must** provide this information for supply to occur, tick the **Is required?** box to make this a mandatory requirement.

			Add item ma	ister list			
Description Test m	aster list					Created date: 17	/10/2024
Note						Created by: mS	upply Support
This	omatically add new i master list is a pat efault price list						
This master list is a p	rogram	HIV program	use by Tags		angs sation program		
eLMIS integration coo							•
ogram tags Tag Period schedule Order types		0	T.				
Name	Type	Max. orders per period	Max MOS	Max. lines	Threshold MOS	Emergency	-
gimen data							
Code	N	me		Туре		Default	+
				OK & Previou	OK & Nex	Cancel	ОК

4.05.03 Connecting a program to a store

To allow a store to place program requisitions:

1. Navigate to the **Special** tab and click on the **Stores** icon:



- 2. Double click on the store.
- 3. In the **Tags** field, type in the Store Tag you set for the program above then press *Tab*.

• • •					Edit store				
General Warehouse									
		General	Preferences	Logo	Visibility	Custom fields	Master lists		
Store code Name Organization name Address line 1 Address line 2	General Warehou	store			Responsible	Disable this s	tore		
Address line 3 Address line 4 Address line 5 Postal/Zip Code						View name associa this store			
Тары		x							
								Cancel	ок

4. Click on the **Master Lists** tab, check the **Use master list** box next to the program master list to be used:

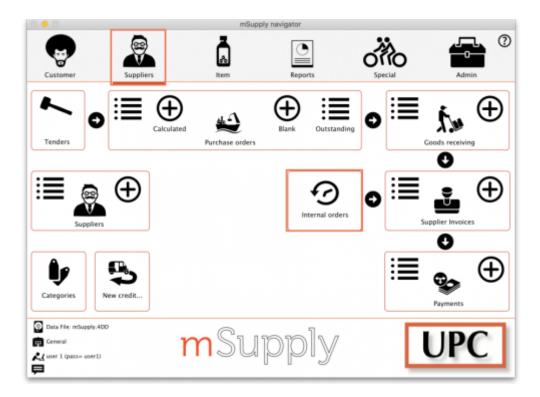
• • •	Edit store	
General Warehouse		
	General Preferences Logo Visibility Cus	tom fields Master lists
	List	Use master list
	Tuberculosis Program	8
		Gancel OK

5. All done - the store is now connected to the program you have created so click on the **OK** button to save all the settings.

4.05.04. Creating a program requisition

Once a store has been connected to a program, it can then place program requisitions:

1. In the customer store, navigate to the **Suppliers** tab and click on the **Internal Orders** icon:



2. Click **New Internal Order**. When a store uses programs, they will have the option to create a **Program** order or **General** (regular) order:

Drder type	New internal order
Pro	ogram O General O
Order details	
Program	Tuberculosis Program
Requisition type	Normal order
Supplier	First, enter a supplying store name
Period	January 2020
	Start date 1/1/20
	End date 31/1/20

Check the **Program** button to create a program requisition.

3. In the **Order Details** section, select the **Program**, **Requisition Type** and **Period** from the dropdown lists. Enter the **Supplier** by typing the first few letters, pressing *Tab* and selecting the supplier from the list of those starting with what you typed. These details need to be entered sequentially as the program uses them to determine the requisition type, which in turn determines the period.

The **maximum number of program orders** that can be requested within a given period is set when the program is created (*Max. orders per period*).

If you try to create another order for the same period which **exceeds the maximum number**, an error message will appear and you will not be able to proceed.

4. Click **OK** to generate an internal order with all the items listed in the program master list. The details relating to the program order are in the top left. Review the data in the table, then enter the quantity of stock to be ordered in the **User requested quantity** column:

Order date Program Order type	Central Medical Stores 22/10/15 Black Tubercalesis Program Begular January 2020	CMS		Referen Comm	ent				KD : 5 Status sp
Program Order type Period	Tuberculosis Program Regular								Status so
Program Order type Period	Tuberculosis Program Regular			Her M					
Order type Period	Regular								Type : request
Period					IOS 3.0				Entry date : 22/10/19
	January 2020			Threshold M	105 1.0	Hide stoc	k over threshold	-	
From		-						Print	Entered by : user 1 (pass-
	1/1/20 Te: 31/1/20	Filter	items	tr by item nar	P4 07 0008			Print	Store: General
				Data	erty Leg	Custom	data .		
item code	item name	Unit	Our stock on hand	Average monthly consump	Menths of stock	Calculated quantity	User requested quartity	Comment	
3 (1/7)/48	Rifamp 150mg, is yrazin 400mg tab	ea	-	0 0	0		20		
2 rtitest	Rifamp. 150mg, is., pyrazin 500mg tab	44		0 0	0		30		
3 milis1t	Rifampicin 150mgoniazid 150mg tab	44		0 0	0		40		
4 rillis7t	Rifumpicin 150msoniazid 75mg tab	44		0 0	0		100		
5 of1508	Rifampicin 150mg tab/cap	ea		0 0	0		50		
6 #3is1t	Rifampicin 300mgoniazid 150mg tab	44	1	0	0		60		
7 of \$100t	Rifampicin 300mg tab/cap	44	1	0 0	0		100		
8 in1es4t	Isoniazid 150mg +tol hcl 400mg tab	48		0 0	0		100		
9 ise300t	Isomiazid 300mg tab	ea	1	0 0	0		80		
10 eth400t	Ethambutol hydrochloride 400mg tab	44	1	0 0	0		50		
11 pyr400:	Pyrazinamide 400mg tab	**	-	0 0	0		70		

5. Click the **Indicators** tab to enter the additional data defined for the program:

Name Code Valuer Conversition Conversition Regimen Data Name Regimen Code Valuer Conversition Conversition	Order date (24/ Program HIN Order type Ord Period DEC From : 1/1	er type XIMBRE 2018	Black 12/18	Comment Max MOS 1 Threshold MOS 1		threshold		Status : n Type : n Entry date : 2 Entered by : A Store: n	equest 4/01/20 Idmin
Regimen Data Name Regimen Code1 0 Description Code Patients adultes regar Patients sentials adulte = v Patient stable enfant Nouvelle inclusion en. 6 Regimen Are Ligne AZT/ITIC/INVP 0			11 miles	Data entr	y Log Industors	Concession in the second			
Ragine A. Are Ligne AZT/17CL/NP 0						Commentant			
Ragine A. Are Ligne AZT/17CL/NVP 0 <th< th=""><th>Receivedant</th><th>64</th><th>being at he are</th><th></th><th>Print with state -</th><th>Berland stability and ad</th><th>Mercella indusion of</th><th>Name and a local sector of the</th><th></th></th<>	Receivedant	64	being at he are		Print with state -	Berland stability and ad	Mercella indusion of	Name and a local sector of the	
Najmer A. Jer Lipse APT/17C(1FV) 0 <th< td=""><td></td><td></td><td></td><td>Patients enfants reçus</td><td>Patient statile adulte ~</td><td></td><td>Nouvelle inclusion ad.</td><td></td><td></td></th<>				Patients enfants reçus	Patient statile adulte ~		Nouvelle inclusion ad.		
Régime A. Arte Ugime APL/11C/T07F 0 </td <td></td> <td></td> <td>0</td> <td>ö</td> <td>0</td> <td></td> <td>ō</td> <td></td> <td></td>			0	ö	0		ō		
Régime AInt Ligne AZT/3TC(LPN)* 0 <			0	0	0	0	0	0	
Nagime A. Are Uppe TOF/JTC/EFV 0 0 0 0 0 0 Nagime A. Are Uppe TDF/JTC/EFV 0				0	0	0	0	0	
Naigime A. Jerk Ligne TDF/317C/LPVyr 0				0	0	0	0	0	0
Ragime A. Jire Ligne ALC/ITC/LIV/F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		TDF/3TC/LPV/v	0	0	0	0	0	0	0
Raigime A. Jim Ugen AC(3TC(3VC) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0	0	0	0	0	0	0
	Régime A., ère Ligne	ABC/3TC/NVP	0	0	0	0	0	0	0
Regime A. Are Ligne ADC/37C/07V 0 0 0 0 0 0 0 0 0	Régime A ère Ligne	ABC/STC/UPV/r	0	0	0				0
	Régime A., ère Ligne	ABC/3TC/EFV	0	0	0	0	0	0	0

This data will be sent to the supplier with the requisition when the requisition is finalised.

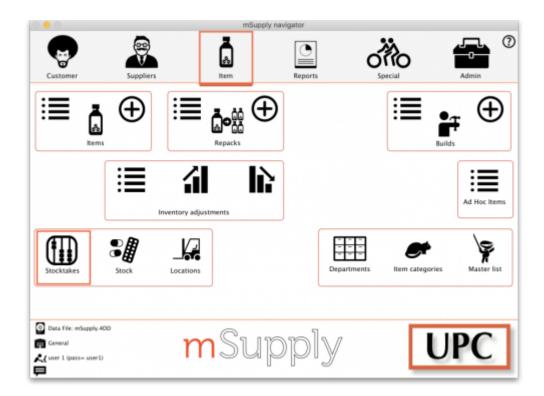
6. To send the program requisition to the supplier, return to the **Data Entry** tab, check the **Finalise** box and click **OK**.

Order date 32/10/19 Back Camment Status 10 Status 10 Program Takescolis Rogram Max M05 1.0 Hele stack over threshold File stack ove			edical Stares	CMS		Refere	sce				1D : 5
Link Barry Link Date type Average monthly Monthly Link Helfer stack aver threshold Date type Date type <thdate type <thdate typ</thdate </thdate 	Orde	date 32/10/19	Black			Camera	28.8				Status : sg
International Status Described Status Helde Status were interchand Description Status <	Pro	gram Tabercald	osis Program			Max M	05 3.0				Type : request
Pase: 1/1/20 Tel: 31/1/20 Plate: Plate: Plate: Plate: Start: Contract Li Rem code Rem name Unit Date: one contract Average one contract Merrison Contract Unit Date: one contract Contract Unit Date: one contract Contract Unit Average one contract Merrison Contract Contract </th <th></th> <th></th> <th>120</th> <th></th> <th></th> <th>Threshold M</th> <th>05 1.0</th> <th>Hide stor</th> <th>k over threshold</th> <th></th> <th></th>			120			Threshold M	05 1.0	Hide stor	k over threshold		
Barn code Barn name Uit Our streng with the provide				Filter	items 🖂	r by item nar	ne or code			Print	
Lu Bases Cade Bases Solution Bases Solution Bases Solution Bases Solution Bases Solution Bases Solution Constant Constant 1 117941 Refrequint Storms, L., systaint 400mg tab 6 0						Data	erry Log	Custom	data		
2 r311pb1 REarep. 35/mg. is. pysais 500mg tab ea 0 0 0 0 30 1 r11a17 REarepic is 15/mgonizaid 15/mg tab ea 0 0 0 300 1 r11a17 REarepic is 15/mgonizaid 15/mg tab ea 0 0 0 300 5 r11a17 REarepic is 15/mgonizaid 15/mg tab ea 0 0 0 300 6 r11a17 REarepic is 15/mgonizaid 15/mg tab ea 0 0 0 500 6 r11a17 REarepic is 15/mgonizaid 15/mg tab ea 0 0 0 500 6 r11a17 REarepic is 15/mgonizaid 15/mg tab ea 0 0 0 500 6 r11a17 REarepic is 15/mgonizaid 15/mg. tab ea 0 0 0 300 6 r11a1 REarepic is 15/mgonizaid 15/mg. tab ea 0 0 0 300 7 r1207 Rearepic is 15/mgonizaid 15/mg. tab ea 0 0 300 8 is 100 0 0 0 300 100 100 9 r12070 r12/mg. r12/mg. r12/mg. r12/mg. r12/mg. r12/mg. r12/mg. r12	Li Ibers	code	item name	Unit	stock	monthly			requested	Comment	
0 10 10.10.17 Ritarepicin 156m_g	1 r1/7p4	t Ritamp 11	0mg, is yrazin 400mg tab		(0 0	0	0	20		
4 Itilis7t Bitampicin 150mseniazid 75mg tab ea 0 0 0 000 5 m13s7t Bitampicin 150m, seniazid 75mg tab ea 0 0 0 50 6 m13s3t Bitampicin 150m, ceniazid 150mg tab ea 0 0 0 60 7 m200r Bitampicin 100mg tab/tag ea 0 0 0 200 8 material Material material 0 0 0 200 9 ms0xxxx material 0 0 0 200 200 9 ms0xxx material 300mg tab ea 0 0 200 9 ms0xxx material 300mg tab ea 0 0 800 0 m40xxxxxxx material 300mg tab ea 0 0 50	2 111105	1 Rifamp, 2	50mg, ispyrazin 500mg ti	ab ea	(0 0	0	0	30		
S nº130n Réamptoin 138mg tablicage es 0 0 0 50 4 nisia1 Kélampioni 106mg - onciani 136mg tablicage a 0 0 0 50 7 n°200 Kélampioni 106mg tablicage as 0 0 0 300 6 initia1 Kélampioni 106mg tablicage as 0 0 0 300 6 initia1 Kélampioni 106mg tablicage as 0 0 0 300 6 initia1 Kélampioni 106mg tablicage as 0 0 0 300 9 initi300mg tablicage as 0 0 0 300 300 9 initi301 Kélampioni 106mg tablicage as 0 0 50 300	3 rilis3t	Rifampicie	n 150mgoniazid 150mg ta	ab ea	(0 0	0	0	-80		
4 103-31 868 arejoin 100mg	4 rilin7t	Rifampicie	n 150msoniazid 75mg tab		(0 0	0	0	300		
7 m/300 Rtampicin 106mg tab/rag sa 0 0 6 0 300 8 lb.Ref Researd 300mg tab sa 0 0 0 300 9 lb.9300 Restand 300mg tab sa 0 0 0 800 9 lb.9300 Restand 300mg tab sa 0 0 0 800 9 lb.9301 Restand 400mg tab sa 0 0 50 50	5 19/150	Rifampicie	n 150mg tab/cap	68	(0 0	0	0			
B Index4: Incentand 150mg +tol hod 400mg tab ex 0 0 0 200 0 Incentand 300mg tab ex 0 0 0 80 0 Incentand 300mg tab ex 0 0 0 50 0 Incentands and productionable 400mg tab ex 0 0 50	6 (1316.31	Rifampicie	n 300mgoniazid 150mg ta	49 64	(0 0	0	0	60		
9 las 3000; fice-lazid 300-mg lab ea 0 0 0 80 10 eth+601; fithambutal hydrochloride 400mg lab ea 0 0 0 0 50	7 19300	Rifampicie	n 300mg tab/cap	68	(0 0	0	0	300		
10 etH400s Ethambutal hydrochloride 400mg tab ea 0 0 0 0 50	8 islet4	isoniarid	150mg + tol hd 400mg ta	ib ea	(0 0		0	390		
	9 154 300	t Isoniazid	300mg tab	68	(0 0	0	0	80		
11 pp=400t Pp=asinamide 400mg tab #a 0 0 0 0 0 70	10 40400	t Ethambut	of hydrochloride 400mg tab	68	(0 0	0	0	50		
	11 pyr400	t Pyrazinae	nide 400mg tab	45	0	0		0	70		

4.05.05. Creating a program stocktake

Creating a stocktake with items from a particular program is just the same as creating a normal stocktake. The only difference is that you select the program in the **Master list** (or **Program**) filter:

1. Navigate to the Item tab and click the Stocktakes icon:



2. The list of stocktakes window opens. Click the New Stocktake icon:

		Stocktake	list		
+	-				
New stock take	New blank stock take	Delete stock take		Show:	Current
ID	Description		Stock take date	Status	Program
					ОК

3. Select the program from the **Program is** (or **Master list is**) dropdown menu and click the **OK** button to pre-populate your stocktake with items from the program:

Item code	ems whose			
Item code	~		_	
	<u> </u>	starts with	0	
and	0	Category 1 ᅌ	is	
and	0	VEN category is		Don't Care
and	0	Department is		Don't Care
And		Program is		Tuberculosis Prog
And	Stock location	equals	٥.	
And	Expiry date	is on or before	0	00/00/00
Ra	ndomly select	0 items from	n retu	irned list.

Note: To further refine the selection of stock appearing in the stocktake you can also select other filter items at the same time.

For detailed information on how to complete the stocktake, refer to the **4.17**. Stocktakes section.

Tip: In your stocktakes list, you can easily identify program stocktakes by referring to the **Program** column:

v stock take New blas	nk stock take Delete sto	k take	Show:	Current
D	Description	Stock take date	Status	Program
2 22/10/19 Stocktake		22/10/19	fn	Tuberculosis Program
3 22/10/19 Stocktake		22/10/19	fn	

Previous: 4.04. Item master lists | | Next: 4.06. Stock locations and location types

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Permanent link: https://docs.msupply.org.nz/items:programs?rev=1619608615

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