UNDERSTANDING CONSIS SHELVES AND CHANNELS

The CONSIS robot is designed to store and dispense drugs. At installation the CONSIS is configured so that each medication has at least 10 days' worth of stock. This strikes the best balance between workplace efficiency and return on costs (ROC).

The CONSIS robot stores medications in channels located on sloped shelves. When a script is processed on the dispense software, CONSIS picks a medication at the front of the machine. The package slides down its channel into the picking tray and is delivered to the dispenser.

The channels are found on shelves divided into 4 height groups. This allows CONSIS to store as many packages into the machine as possible (up to 3,760 packs per bay). The shelves are given a colour code to represent the height or space between each shelf. From shortest to tallest: **Red**, **Green**, **Blue** then **Yellow**

Figure 1:

- *Motilium and Ardix are **Red** shelf drugs.*
- *Coversyl and Piax are **Green** shelf drugs.*
- *Duodart is a **Blue** shelf drug.*
- *Diabex XR is a **Yellow** shelf drug.*

Due to the height limits between each shelf, boxes and packages must be loaded flat side down to prevent blocking channels. Bottles are loaded with the base going into the channel first (cap facing up towards the person filling). Also note that bottles should only be placed into bottle channels. Regular dividers will not work for bottles.

When loading packages, the OPS laser at the rear will shine a red pointer on the assigned channel before the flaps open (refer to Figure 18). Place the packages in flat and they will slide down the channel
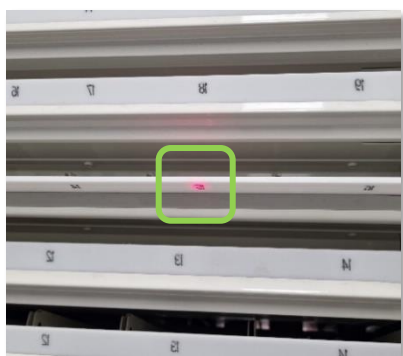

Figure 1: Highlighted is the OPS laser pointing to channel.
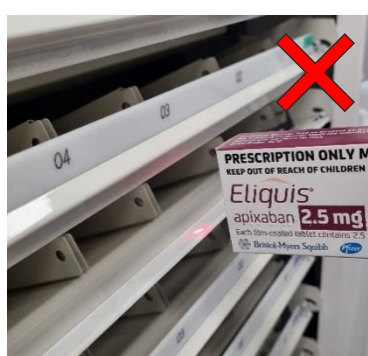

Figure 2: An example of incorrect loading, where the package is being loaded on a tall edge.


Figure 3: An example of correct loading, where the package is being loaded flat side down.

CONSIS navigator

Willach | Pharmacy Solutions

PRINCIPLES OF DRUG PLACEMENT AND ADJUSTMENT

STEP 1-Make sure drugs are on the correct shelf colour.

- Using the Willach measuring tool, place the product flat side down into the tool to find the height.
- *The example on the right, Duodart belongs on a Blue shelf.*
- If there are no channels available on a **Blue** shelf, look for a channel on a bigger shelf height (**Yellow**).
- Please note, just because a medication can slide into a shelf, does not mean it will clear the lip at the end of the channel.
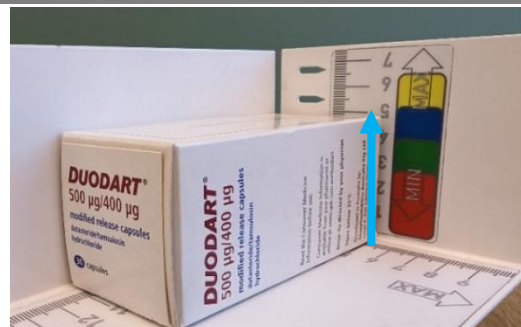

STEP 2- Centre drugs and check looseness.

- Adjust dividers if a drug is loose in the channel (no more than 1cm gap in total).
- Centre the drug over the gap where the pick finger will fetch the drug.
- Flick the package up the channels to check if items flow freely.
- *Images left to right:*
    - *Incorrect fit. Not centred and loose.*
    - *Correct fit. Centred over the gap, not too loose and slides freely.*

STEP 3- Check if dividers and channels are straight

- Make sure dividers are straight (slanted dividers will block channels)
- Make sure bottle channels are in line with the gap.
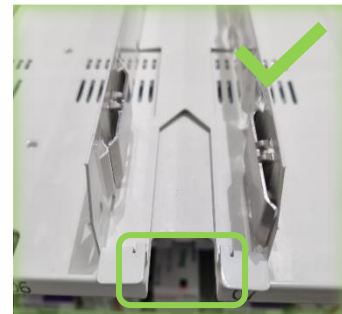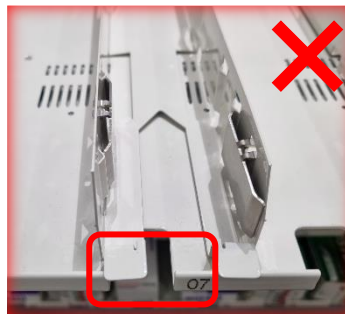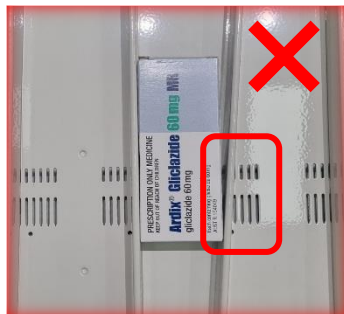
STEP 4- Lock dividers and bottle channels

- Lock the dividers and bottle channels into the slots to avoid damaging the robot.
- The clips underneath the channels and dividers drop into the slots in the shelf.
- Lock the channel or divider by pulling them down towards the front of the shelf. Bottle channels will overhang the lip when locked in (**bottom left**). Bottle channel clips are required (**bottom right**).
- Avoid messy disruptions and damage to the robot (**pictured top right**)