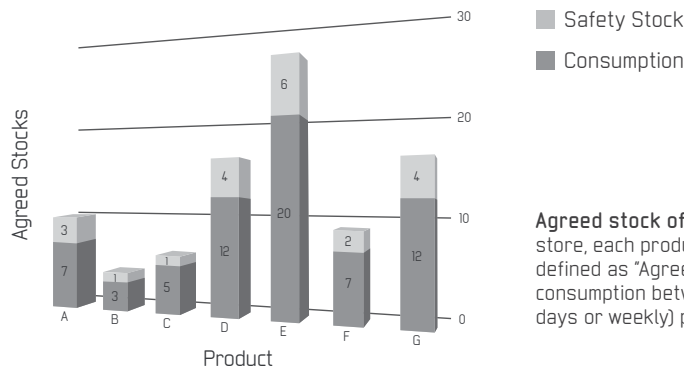


KANBAN SYSTEM

Double Compartment Procedure

Agreed Stocks/ Par Levels



Agreed stock of a product. At each consumable store, each product/reference is available in a quantity defined as "Agreed Stock", which is calculated based on consumption between supply intervals (daily, every 3 days or weekly) plus a 30-40% safety stock.

1 Stock



"Double compartment" agreed stock.

Each item in the department storage is assigned a unique position with a double compartment (bin), where each compartment stores 1/2 the agreed stock for that item.

2 Picking



Picking the product.

Each compartment has a **green** or **red** identification label at the front. The nursing service performs the picking of product by default always from a compartment with a **green** label.

3 Order



Empty compartment, order placement.

As soon as the first compartment has been emptied, the empty compartment visual effect indicates that nursing staff must place an order, for which the **green** label must be removed and placed on an order track.

Note: The Kanban principle, according to logistics criteria, can be performed either left to right (L/R) or front to back (E/L).

4 Reading



Reading the order.

According to the agreed schedule, the barcode on the labels located on the order track is scanned, or is placed on the RFID Reading Panel. Once the reading of the service store order has been completed, data is loaded onto the MMSlog Department Storage Management software, which automatically generates order picking commands and, after validation, issues preparation commands (order forms) or an interface file is generated to be captured by the Central Storage Management software.

5 Replenishment



Product replenishment.

The logistics staff or the auxiliary nurse in the service store places the **red** label at the front of the empty bin, returns the green label from the order track to the front of the compartment in use (oldest batch), the new product is then placed in the empty compartment and the circuit starts again.

6 Urgent Order



Rush order (replenishment of both compartments).

When the nursing staff detect one product may be out of stock, then they remove the **red** label from the bin in use and place it on the order track, and the Central Store is alerted via the internet or by phone alerts so that replenishment can be performed in an urgent way.

KANBAN SYSTEM

RFID Systems

MMSlog® RFID-Reading Panel System



Label with RFID tag



Transfer Tag



MMSlog® RFID Control Panel



RF Middleware +
Data Repository



IP Management Software

MMSlog® 3B Mailbox System



Label with RFID tag



Transfer Tag



MMSlog® RFID Mailbox



RF Middleware +
Data Repository



IP Management Software

MMSlog® 3B Multi-Event RFID Keypad System



Press button

3B Multi-Event RFID Keypad



RFID Reader Dock



RF Middleware +
Data Repository



IP Management Software