

Case Study

FAMA drawer and shelving systems in hospital pharmacies



Elisabethinen hospital, Linz (Austria)



FAMA.M/comfort pharmacy drawer

FAMA Shelving System 500 with sloping trays



Willach

Pharmacy Solutions

Convenient filling and fast picking of medicines with FAMA drawer and shelving systems.

Initial situation – before renovation:

As part of a renovation project, the hospital pharmacy was redesigned to become more ergonomic and easier to use for staff and medicine storage made more efficient. Previously, medicines were mainly kept in a combination of pull-out cabinets and drawers, with most of the ampoules and bottles stored in sliding cabinets which could not be operated by two people at the same time. Dark and heavy colours made working conditions oppressive and the unefficient storage of items made daily duties complicated. What's more, some of the products had to be stored in the basement, which made daily order picking even more difficult and time-consuming.

Willach solution – after renovation:

Today, all items of daily use are stored in a much more compact way, all on the same floor – mainly in FAMA shelving and drawer systems from Willach. Thanks to the modular design of these systems, the stockroom could be customised and adapted perfectly to suit the pharmacy's working processes. This reduces picking distances and allows several people to pick orders simultaneously, without getting in each other's way. It makes for a happier, more productive working environment and speeds up the picking process. A special feature is the integration of FAMA Sloping Shelves into a cold store where the shelves can be filled from the back without causing temperature fluctuations. Medicines are picked simply by opening glass doors from outside the cold store.

Benefits:

Thanks to the reorganisation of the storeroom and optimised picking distances, work efficiency has been substantially increased. The staff have observed a number of improvements:

- Saving of time due to
 - shorter picking distances
 - a better use of space
- Improved ergonomics
 - simpler and easier operation with less effort
 - an integrated carriage step makes it possible to reach the upper drawers
 - fast-movers are stored at picking height and can be easily accessed
 - several people can work simultaneously without waiting around
- A consistent classification system ensures that
 - the medicines are stored in alphabetical order
 - the picking process is faster
 - dispensing errors are reduced
 - the FIFO principle is maintained





1 + 2 FAMA Shelf 600 (left side) – integrated into a cold store: the sloping shelves are refilled inside the cold store so that the ambient temperature remains constant. The individual items are picked by opening glass doors from the main store side.

3 FAMA Shelving System 500 – with flat shelves: bottles and large packages are stored on flat shelves.

4 FAMA.M/comfort drawers (right side): storage of ready-mixed formulations.

Facts and figures:

Size of pharmacy: 930 m²

Product range:

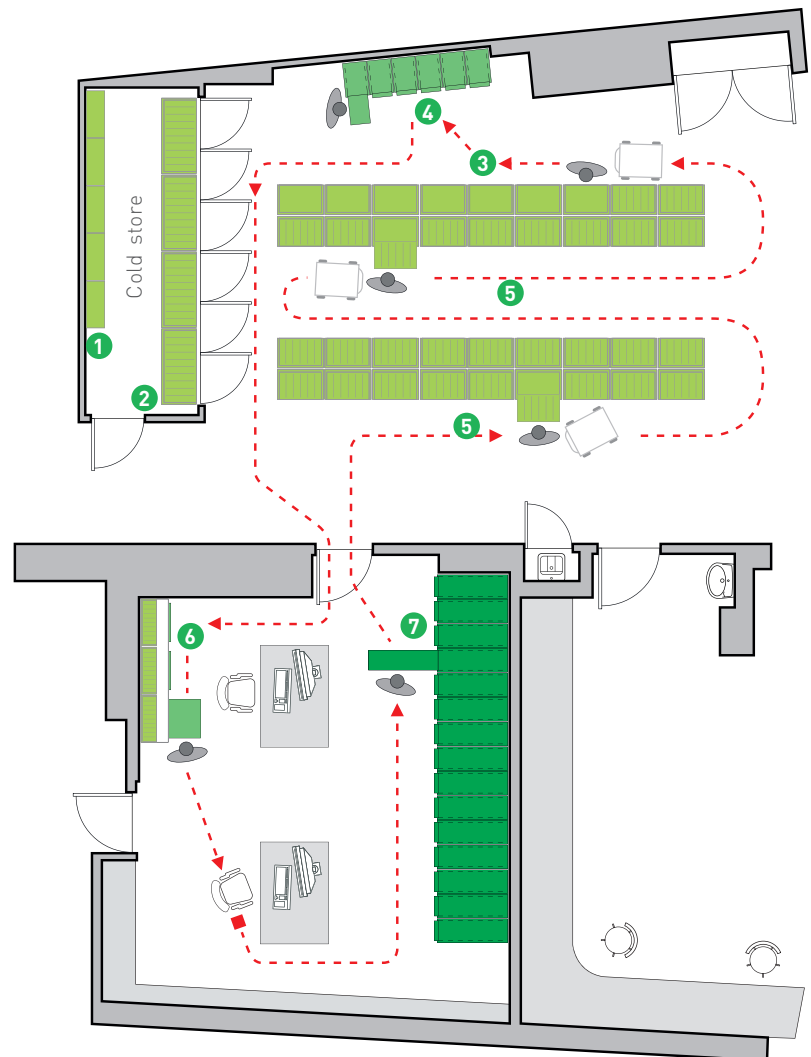
approx. 2,000 items on stock

The pharmacy supplies:

- 18 wards in the hospital (466 beds)
- 15 outpatient departments

Picking orders:

- Each ward is supplied three times and each outpatient department twice a week (= 84 orders)
- In addition, there are special orders for newly admitted patients



- 1** FAMA Shelving System 300
- 2** FAMA Shelving System 600
- 3** FAMA Shelving System 500 with flat shelves
- 4** FAMA.M/comfort drawers
- 5** FAMA Shelving System 500 with sloping trays
- 6** FAMA Worktop Shelf
- 7** FAMA.GX large-capacity drawers

■ - - - - - ➔ Picking pathway



5 FAMA Shelving System 500 – sloping trays: the trays are extracted for filling the shelves. This makes it easy to maintain the FIFO principle. Medicines are picked from the front with the trays closed.

6 FAMA Worktop Shelf: here, sloping trays, drawers and a worktop have been combined to form an ergonomic workstation.

7 FAMA.GX large-capacity drawers: medicines are stored in a space-saving and hygienic way and follow a consistent classification system.



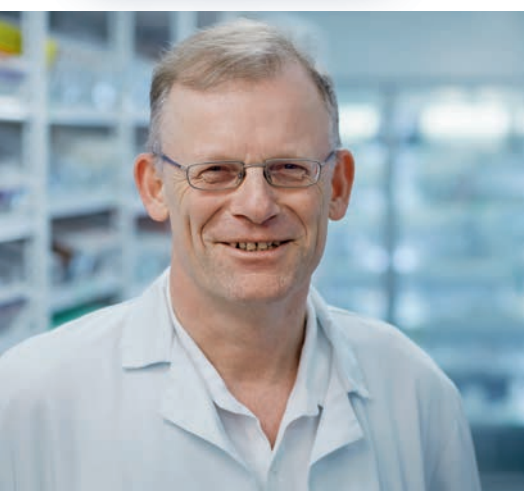
FAMA Shelving System 500 with sloping trays



FAMA GX
large-capacity drawers



FAMA Shelf 600 –
integrated into a cold store



"Since we have been using the Willach shelving and drawer systems, the work efficiency of our pharmacy has substantially increased. Both storing and picking of products is much faster than before. Moreover, the storage systems are designed in such a way that they make work for employees more ergonomic and easier. Thanks to the high storage density of the systems and the better use of space, today we can store significantly more products on the same floor space and therefore also reduce walking distances. All in all we are very satisfied with the Willach products and systems."

Dr Wolfgang Ibrom
Pharmacy manager

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