

OPIOIDS STOCK OPTIMISATION UTILISING AUTOMATIC DISPENSING SYSTEMS DURING AND AFTER COVID19 PANDEMIC

RODRÍGUEZ MARÍN M, MARTÍNEZ BARROS H, PINTOR RECUENCO R, MONTERO LLORENTE B, ÁLVAREZ DÍAZ A.
Pharmacy Department. Hospital Ramón y Cajal. Madrid. Spain.

WHAT WAS DONE?

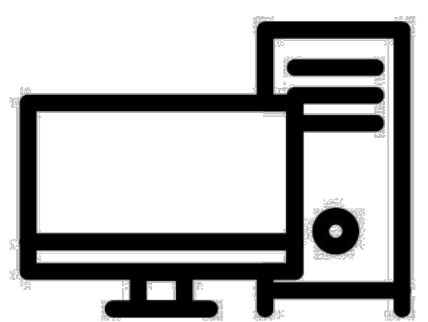
A procedure was implemented to optimize the stock and manage the quarantine of **opioids** in **Automatic Dispensing Systems (ADS)** during and after their use in hospital units hosting **COVID** patients

WHY WAS IT DONE?

It was done in order to **optimize** opioids stock to meet the needs of COVID-19 patients and **protocolize** the correct **quarantine** without modifying the computerized registration in the 39 ADS.

HOW WAS IT DONE?

- As hospitalization units were being adapted to **host COVID-19 patients**, **opioids stock** had to be **modified** to meet their new demands.
- Reversely, when hospitalization units were **recovered** to host their **usual type of patient**, the opioids had to be replaced and **quarantined** for ten days, according to our Preventive Medicine Unit. All these movements were recorded.



- Physical and computerized **unloading** of **opioids without dispensing** in recent months and emptying of the returned drawer (storage space for opioids withdrawn from the ADS which were not used).
- Relocation** to hospitalization units hosting **COVID-19 patients**.
- Replacement** of all (**minidrawers**) where opioids were kept with **clean** ones



- Quarantine** in the Pharmacy Service, for the **drugs unloaded** which were **unable** to be immediately **relocated**
- Cleaning** and sanitizing of the removed **minidrawers** from COVID-19 hospitalization units' ADS to be used in the **next conversion**.

WHAT HAS BEEN ACHIEVED?

29 ADS of the 39 available in the hospital were **optimized**.



- Given the decreased in COVID-19 admissions during May, the hospital made a **schedule** to return to normality which allowed to leave **5 ADS in quarantine** without the need to unload or replace any drug. The other **24 ADS** had to be **cleaned** and **disinfected**.
- It led to the physical unloading of **182 specialties** (a total of **1,519 units**), the physical and computerized unloading of **124 specialties** (**850 units**) and the emptying of the returned drawers (**18 specialties** and **20 units**). **504 minidrawers** were replaced by other cleaned and disinfected ones and **298 specialties** (**2,080 units**) were replaced.

WHAT NEXT?

Enhancing our protocol to allow us to **spend more time** with the patients in **Covid's further waives**.

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