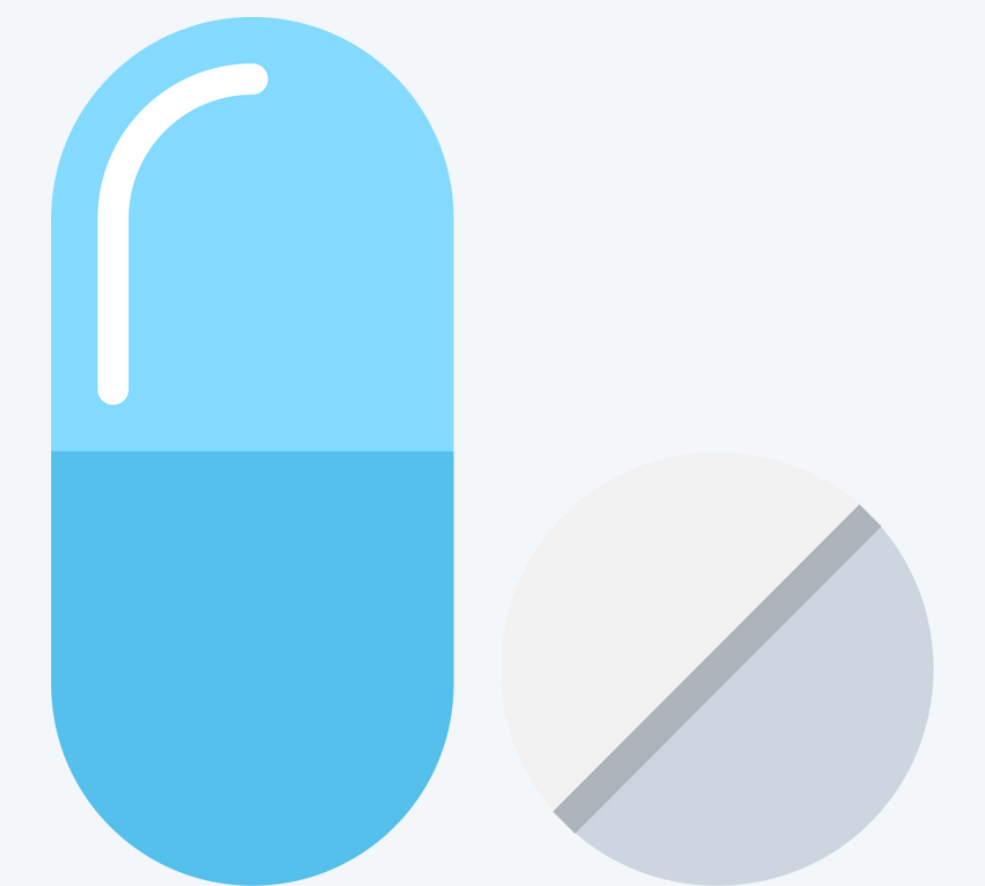


ASSESSING COLD CHAIN COMPLIANCE FOR BIOTHERAPY DRUGS IN A UNIVERSITY HOSPITAL'S MEDICAL DEPARTEMENTS

A. BAYEN, O. KHARKHACH, H. ELHARR, L. ZARAYBY, S. DERFOUFI.
CENTRE HOSPITALIER IBN ROCHD, HOSPITAL PHARMACY DEPARTEMENT, CASABLANCA, MOROCCO.

WHAT WAS DONE?

Ensuring optimal storage and transportation conditions for biotherapy drugs in various medical departments within a university hospital by assessing and improving cold chain compliance.

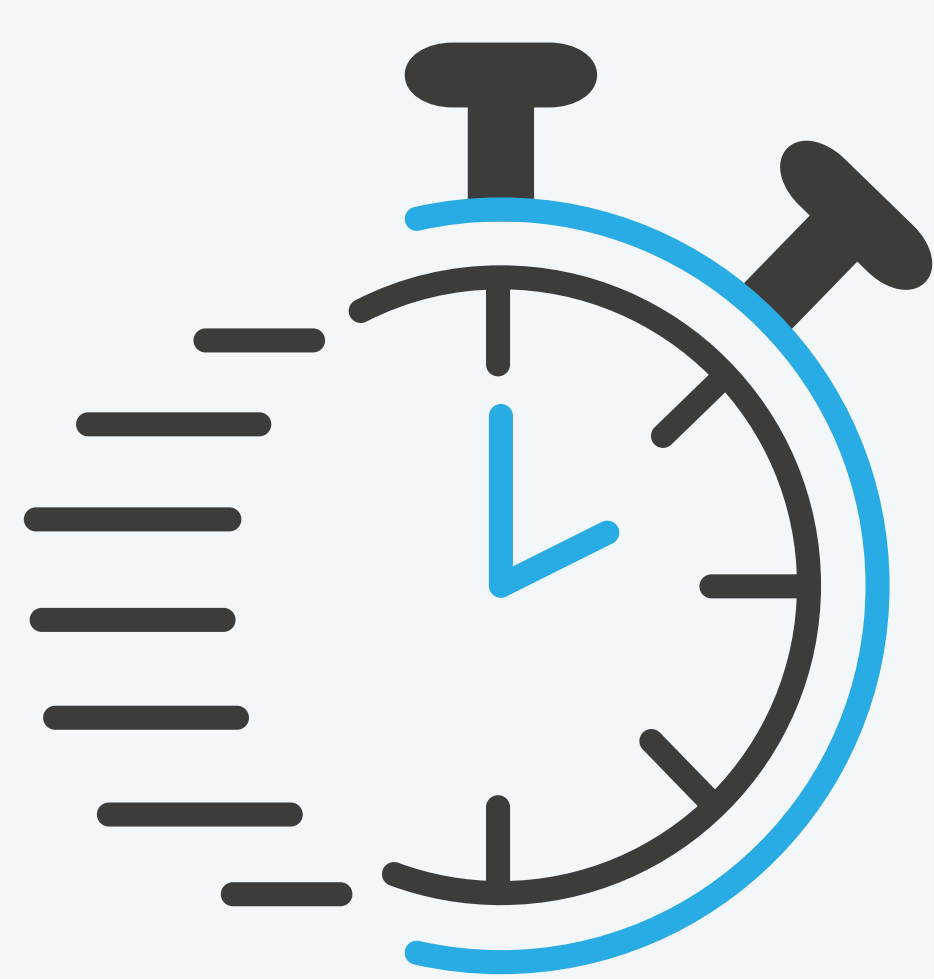


WHY WAS IT DONE?:

Observations reveal inconsistencies in hospital departments: extended transport times (avg. 8 mins), lack of isothermal bags, and refrigerators not linked to the main generator. Strict storage adherence is vital; any cold chain breach risks compromising drug efficacy, increasing adverse effects, and causing financial losses.

HOW WAS IT DONE?

Implemented actions and recommendations focus on reducing transportation time and acquiring thermal bags for departments handling biotherapy products. Initiatives include staff awareness campaigns on the cold chain process, regular evaluation of refrigerator temperatures, and plans to connect refrigerators to the generator system soon.



WHAT HAS BEEN ACHIEVED?

Transportation time for biotherapeutic drugs reduced to 6 mins from 8 mins. Thermal bags widespread, stabilizing drugs. Staff awareness increased, adhering to cold chain protocols.

WHAT NEXT?

Inconsistencies in biotherapy drug cold chain pose risks to patient safety. Further investigation planned into pharmaceutical procedures, including adherence to autoclave sterility cycles for medical devices and robustness of oncology medicine preparation.

