

CASE STUDY

Safety and traceability of chemotherapy workflow at Godinot Cancer Institute (Reims - France)



In June 2018, the Godinot Institute adopted the C-LOG® and X-Match® solutions for its injectable chemotherapy workflow. The objective was to enhance safety and traceability from product release at the pharmacy, all the way to the administration to the patient.

Context

Based in Reims (France), the Godinot Institute is the Cancer Treatment Center (CTC) for the Reims-Champagne region. As members of the Unicancer French network, all CTCs are private healthcare establishments with a public mission on cancer care, research and education.

The pharmacy department prepares over 18,000 injectable chemotherapy preparations every year. These are mainly dispensed (80%) to the Outpatient Unit (OU) as well as to two Inpatient departments.

Place

Godinot Institute, Reims (France)

Key Figures

- 18,000 to 20,000 chemo prepared and administered every year
- 9,360 rounds of chemo in OU in 2017



Challenges

The Godinot Institute expectations were to:

- Guarantee safety at administration,
- Assure full traceability at each step of the workflow,
- Enhance process efficiency and improve communication between the pharmacy and the different departments.

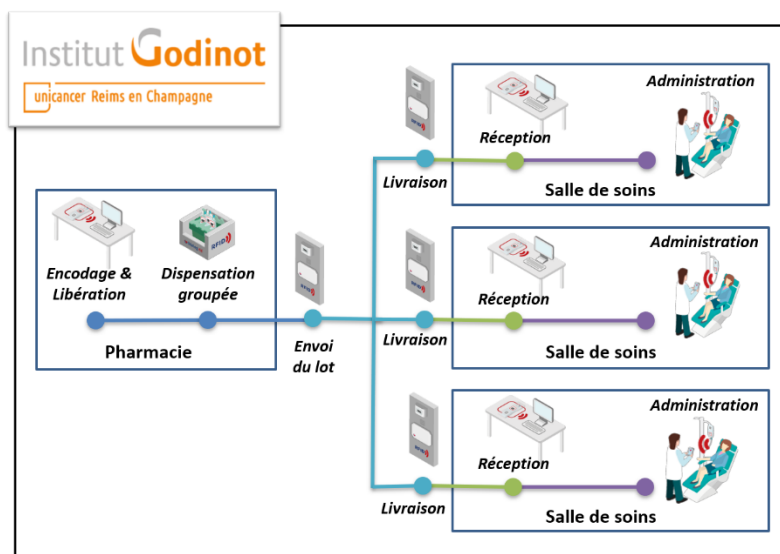
Implementation

The C-LOG® solution has been deployed, including its 3 different modules: Pharmacy, Transport and Nurse Station.

In addition, the X-Match® solution has been setup at the outpatient unit, as a complement of C-LOG®, to secure and trace administration at patient bedside.

The following equipment has been installed:

- Container reader at the pharmacy, to dispense up to 20 preparations at once.
- RFID readers to encode data at the pharmacy, and to track products during transportation and at reception.
- RFID handheld devices used by nurses at patient bedside to track and improve safety at bedside.



Benefits

The deployment of C-LOG® and X-MATCH® allows Godinot Institute to:

- Guarantee full traceability of all steps along the chemotherapy preparations workflow,
- Assure safety at administration thanks to final check at patient bedside,
- Increase efficiency along the workflow,
- Improve working organization and communication between the different departments,
- Generate reliable data records, particularly during clinical studies

Following the very positive outcomes, and the ease of appropriation by the teams, Godinot Institute has decided to extend the use of the solutions to 2 inpatient wards in 2019.