

STUDY OF THE IMPORTANCE OF A PHARMACEUTICAL CONTRIBUTION IN THE DETECTION OF NON CONFORMITY (NC) IN THE CHEMOTHERAPY ANTI-CANCER CIRCUIT

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Background

The pharmacist ensures the quality of the system and the security of the patient and is a valuable contribution to the chemotherapy anti-cancer circuit.

Purpose

The assessment and the inventory of the NC took place in the preparation of the chemotherapy anti-cancer unit of the hospital. The importance of the pharmacist in a chemotherapy anti-cancer was assessed.

Materials & Methods

Two activities were studied for 18 weeks :

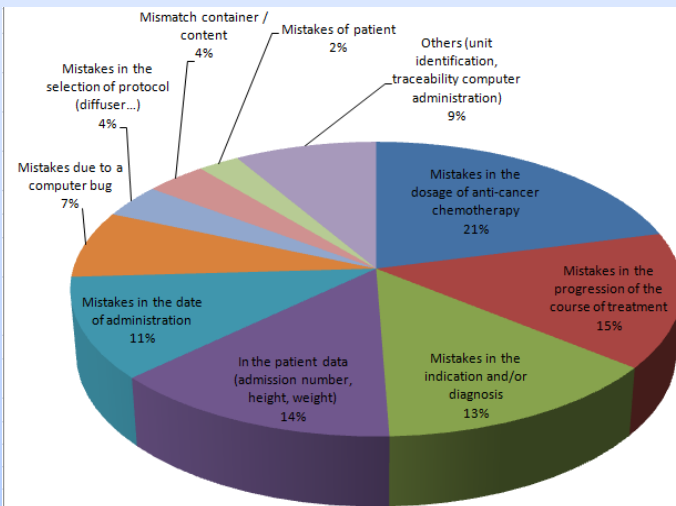
- The analysis of the physician's prescriptions (via the Chimio® software)
- The preparation of the therapy by the pharmacist's assistant.

An assessment grid was made for each of these activities. Only the NC was put in the data whenever it was detected by the pharmacist (or the intern) in order for the anomalies to be corrected.

Results

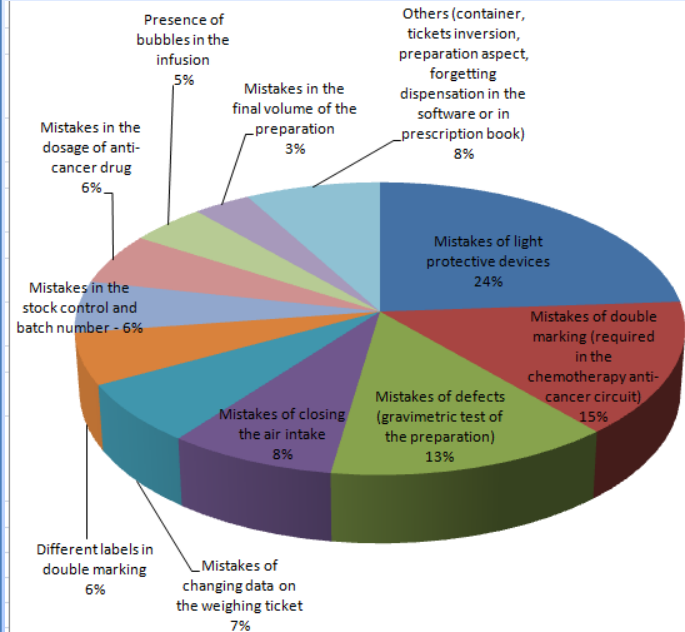
Regarding the NC in prescriptions, 149 NC were quantified in 3936 lines (3,79%)

- 54,4% (81) had an impact on the patient's health



- 45,6% (68) had an economic impact : alternation and rounded dosages (88,2%), preparation for a cancelled patient recovered for another (2,9%).

Regarding the NC in preparations, 88 NC were quantified in 3374 lines (2,61%)



Some mistakes are not detectable at our level : wrong solvent or volume recovery, error of cytotoxic product.

Discussion & Conclusion

Although there is a validated quality assurance system, the preparation of the chemotherapy anti-cancer requires constant vigilance of all health professionals.

The intervention of a pharmacist (or intern) is important at key stages of the circuit to allow the detection of NC which is not highlighted by prescribers or preparers. He participates in ensuring the patient safety and minimizes the financial impact of some omissions.