

A MULTIDISCIPLINARY APPROACH TO FURTHER IMPROVEMENTS ON PATIENT SAFETY IN A HOSPITAL WITH COMPUTERIZED MEDICAL RECORD

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DSL-001

OBJECTIVE

Our aim was to identify the key points of information that should appear in a consensus document to improving the quality of the pharmacotherapeutic process of antineoplastic treatments in a hospital with computerized medical record.

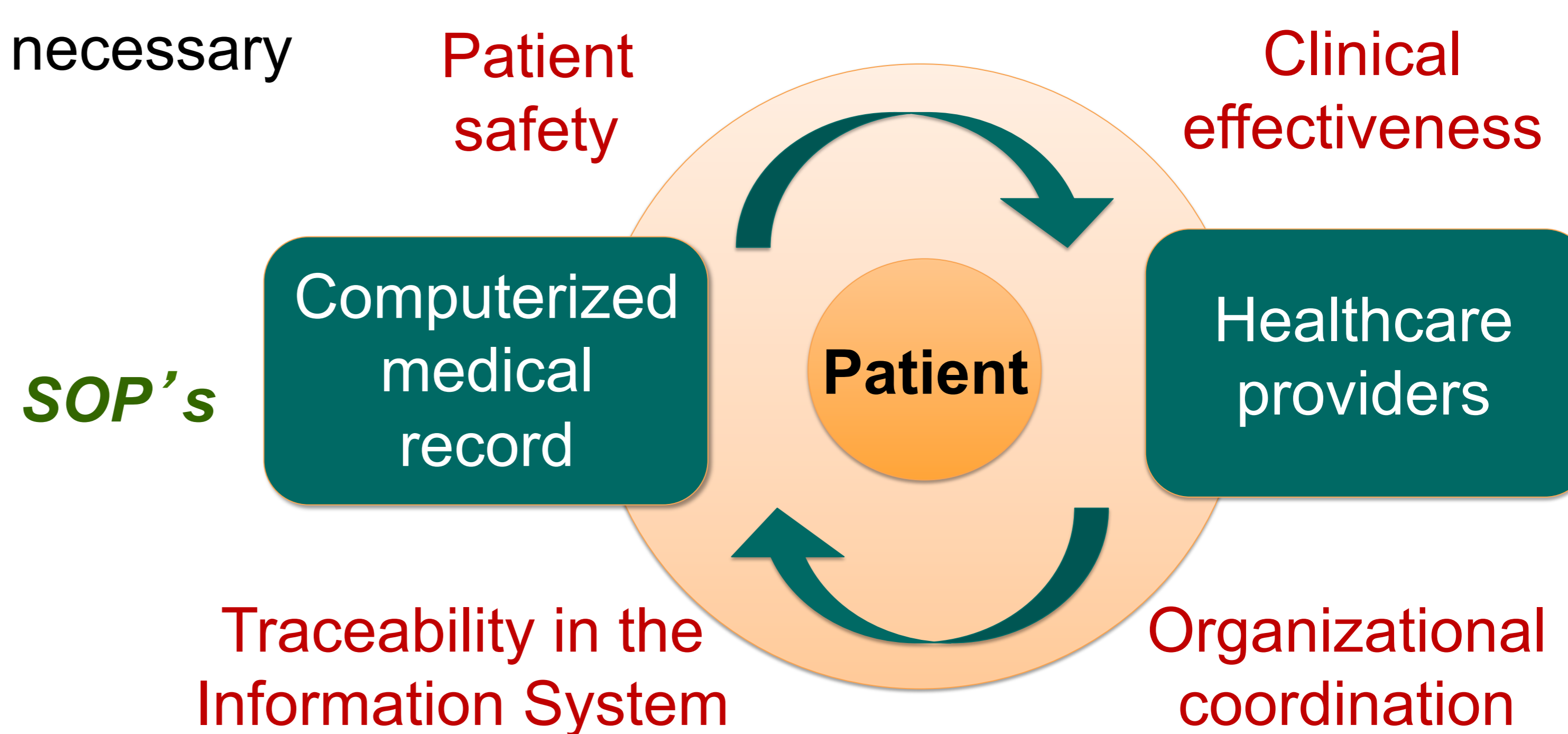
METHODS

- A multidisciplinary group was created: two physicians, one pharmacist, one nurse and one quality manager.
- The criteria for determining the key points to be imparted were: patient safety, clinical effectiveness, organizational coordination and traceability in the Information System.

RESULTS

These four criteria led to the establishment of 12 key points of information to develop a standard operating procedure (SOP) for each antineoplastic treatment:

1. Indications and usage
2. Prescription form in the Electronic Health Record
3. Pharmaceutical validation (indication, dose, volume and type of diluent and infusion time)
4. General and specific nursing indications
5. Monitoring of vital signs and anthropometric measures necessary
6. Infusional adverse reactions and management
7. Premedication
8. Causes of suspension of treatment
9. Medication preparation
10. Contraindications
11. Responsibilities of professionals
12. Patient information



DISCUSSION

Antineoplastic treatments administered at the Medical Day Hospital Unit (MDHU) are high risk for the patient because of their toxicity and mutagenicity and complex pharmacotherapeutic process. In our hospital medical records are fully computerized and all prescriptions are electronic. So, it is desirable to standardize criteria in a consensus document that minimizes variability among professionals to maximize the safety and clinical effectiveness for oncology patients.

CONCLUSION

The development of SOPs contribute to improving the quality of the pharmacotherapeutic process in the MDHU: improves the safety and efficiency of antineoplastic treatments and contributes to improving the organization of a complex nursing unit such as the MDHU.