

## **Annual Validation Program: Specific Nursing Assistance Procedures of Hematopoietic Stem Cell Transplant Unit and Continuing Education**

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**BACKGROUND:** There are skills needed to assistance nursing in Hematopoietic Stem Cell Transplantation (HSCT), and very important, experience, knowledge and guidance for the care of special needs patients undergoing HSCT. The accreditation program in cell therapy recommends training guarantee for specific assistance, such as care for immunocompromised patients, administration of conditioning regimens and complications related to the therapy, including the nurses in intensive care units (ICU) that are able to offer assistance transplant patients in critical condition, but lack the specific knowledge of HSCT eg, neutropenia and care in the administration of immunosuppressive drugs.

**HYPOTHESIS:** The objective of this paper is to show the annual training program of the nursing team through validation for specific procedures in HSCT unit and annual training of ICU nurses to give assistance patients in critical condition.

**METHODS:** This is a descriptive study to report the experience of the nursing team HSCT unit of a Sao Paulo hospital accredited by FACT (Foundation for the Accreditation of Cellular Therapy).

**RESULTS:** To ensure the training of all nurses of HSCT unit developed a Check List of the main specific procedures and care of transplant patient. This Check List was filled through the validation procedures at bedside under the supervision of a Nurse Coordinator or Senior Nursing, applied annually to all the nurses and new admissions. For the training of the team engaged in the ICU was chosen to model on-site classes on workstations and providing a basic guide to query containing guidelines for primary care quality in these patients. We conclude that we observed decrease of adverse events related to nursing care, as well as increased patient satisfaction and family about the uniformity of nursing care in the last two years of the implementation of training models. With properly trained staff was also observed improvement in clinical reasoning and increased early intervention in patients who walked with clinical progression to severe. Specific training in model validation and involvement of ICU nursing staff are important tools in ensuring security, continuity and quality of care in HSCT.