



TITLE: Intraoperative Nursing Planning in the separation process of craniopagus Siamese twins. The second case in a large public hospital.

Name: Allison Roberto da Silva.

Affiliation: Registered Nurse/ HCFMRP - São Paulo University.

Country: Brazil.

Email ID: alrsilva@hcrp.usp.br

ABSTRACT (up to 300 words)

Introduction: Siamese twins with anatomical conjugation at the head (craniopagus) are a very rare condition in the history of medicine and their separability rate is quite rare, only 29 separation attempts have been carried out to date, of which 17 were successful (with viability for both twins). 04 of these successful cases occurred in Brazil, 2 at the University Hospital of the Ribeirão Preto School of Medicine of the University of São Paulo. **Objective:** To describe the Nurse's activities during the planning and execution of all the steps involved in the surgical procedures for the separation of Siamese twins. **Methodology:** This is an experience report based on all the nursing planning and interventions carried out, including 3D virtual simulations, real simulations in the operating room, and the execution of the surgical steps to separate the Craniopagus. **Results and Discussion:** The planning of the process was designed for five distinct surgical stages, the first stage of planning included the definition of the children's basic needs with the determination of Nursing Diagnoses and the interventions necessary for the process to maintain the continuity of the flow of care until separation, in addition to the objectives of the surgical and clinical teams at all stages. The surgical steps were planned to use the first surgery as a basis, as staging is progressive, and the children's evolution is concomitant with the surgical process.

Conclusion: The separation process was successful, with two cases, our institution became a reference in Latin America, for this nursing planning was fundamental, surgical simulations and clinical interventions for each stage influenced the result and the recovery of children happened in a surprising way.

Keywords: *Craniopagus Twins, Pediatric Neurosurgery, Surgical Nursing, Nursing.*

BIOGRAPHY (up to 200 words)

Allison Roberto da Silva has been a Registered Nurse at the University Hospital of the Ribeirão Preto School of Medicine of the University of São Paulo for 15 years, for the last 5 years he has held the position of Surgical Center Manager. He is a specialist in Surgical Center, Anesthetic Recovery, and Central Materials and Sterilization, Master of Science from the Department of Orthopedics and Anesthesia at the São Paulo University, and PhD Student at the Department of Surgery and Anatomy at the São Paulo University. He was the Responsible Nurse in Charge of the Institution's two Craniopagus Separation cases. He teaches postgraduate Nursing courses with an emphasis on Pediatric Neurosurgery and Surgical Nursing, actively participates in International Congresses and Symposium on Pediatric Neurosurgery and has articles published in specialized journals.



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Presenter Name: Allison Roberto da Silva. RN, MsC.

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Contact number: +55 16 3602-5401



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