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Poland syndrome treatment with customized implant: A case report

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Background: The Poland syndrome is a rare congenital alteration of the thoracic region, mainly characterized by the partial or complete absence of the pectoralis major muscle. It has one higher incidence in males, with a predominance of the right side of the chest. Several factors have been associated as possible causes, but currently a main ethology has not been found. Methods: We report the case of a 32-year-old male patient, who presents an almost total absence of the pectoralis major on the right side, preserving only the portion upper distal of the muscle. Through the use of a mold that is adapted to the region

of the defect, we obtained a prosthesis customized with exact measurements of the desired area, which was placed the day of surgery. Results: With the use of this customized prosthesis, we achieve adequate correction of the defect, obtaining the desired symmetry of the thoracic region and a rapid recovery of the patient, without any complications during surgery.

Conclusion: Using this approach best results are obtained, with less morbidity for the patient, fewer adverse effects and a more rapid recovery, making it an excellent choice in the treatment of sequelae of Poland syndrome.

Biography

Post-Graduated in Plastic Surgery and Breast Surgery of Santa Casa of Misericórdia in Rio de Janeiro - 28a Infirmary, Brazil, 2009. Preceptor of the internship and residency in General Surgery from the Federal University of Tocantins, Staff from the Department of Plastic Surgery and Surgeon of the Department from Breast Post- Mastectomy Reconstruction in the General Hospital das Palmas Dr. Francisco Ayres, Palmas TO- BR.

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