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T.O FORM UN NUEVO MATERIAL EN LA ELABORACIÓN DE FÉRULAS ESTÁTICAS EN LESIONES DE NERVIJO PERIFÉRICO

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ABSTRACT

The paper's objective is to introduce a New Material to manufacture static splints (ferulas) in Peripheral Nerve damage (Radial, Middling, and Cubical Nerve). **It appears in Occupational Therapy** as a necessity to make known a resistant material that allows easy handling and offers comfort maintaining the form and function required. It being a material easy to come by in the market at lower cost.

So like this, through the project it is meant to describe the qualities, advantages and disadvantages of the uses of this new material **T.O. FORM** whose name makes reference to the Occupational Therapists as establishers (**T.O**) and at the molding skill level above the bodily segment requirement, taking into consideration the exact, appropriate and necessary form to fulfill the rehabilitation objective (**FORM**).

In order to be able to make the comparison of the **T.O. FORM**, two instruments were manufactured, one targeted to Occupational Therapists with experience in manufacturing of splints (ferulas), and the other targeted to the users who require ferulae. In this manner, a descriptive evaluation study was conducted to establish the features of the new material with respect to the following variables: handling of the material, temperature for the mold, delivery time, resistance, durability, comfort and costs.

So like this, it was discovered that the T.O. FORM in comparison with the Orthoplast and Omega offers advantages in regard to the handling of the material, temperature for the mold, and cost; it is similar in durability, and finally it is minimally disadvantaged in reference to the resistance and delivery time.

KEY WORDS: Ferulas (splints), New, Material