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Neelam Bhatia(Research Scholar),

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Desh Bhagat University,Mandi Gobindgarh

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DERMATOGYPHICS IN DEAFNESS-MUTISM-A REVIEW

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Abstract:-

Dermatoglyphics is a scientific term used for the study of epidermal ridges present on the volar surfaces of fingertips, palms and soles. The term "Dermatoglyphics" was coined by Dr. Harold Cummins the father of dermatoglyphics. The hand has drawn great attention in the diagnosis of various pathologies. In the field of medical research, the specific pattern seen on the finger tips and palmer regions on the hand of a person are unique and forms a distinctive imprint of an individual. This study aims to systematically review and to assess the correlation between dermatoglyphics and deafness-mutism. An electronic search was initiated in the Pub Med, embase and google scholar databases about the articles discussing the relationship between dermatoglyphics and deafness-mutism. The search methodology yielded and was excluded and included. Extraction of data revealed a positive correlation between dermatoglyphics and deafness-Mutism. Dermatoglyphics can be used as a predictive model to diagnose deafness-mutism disease conditions. The present paper throws light on various dermatoglyphic patterns reported in deaf mutism disorders and speculates the use of these patterns as potential diagnostic tool in deaf mutism disorder.

Keywords: Dermatoglyphics, Deafness mutism, pathologies, Diagnostic tool.

INTRODUCTION:-

The scientific study of epidermal ridges and their configurations present on the fingers, palms and soles of the foot is called dermatoglyphics. Cummins and Midlo in 1926 coined the term "dermatoglyphics"⁽¹⁾ It was derived from Greek words 'derma' means skin and 'glyphic' means carvings⁽²⁾. The uniqueness and



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