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## Evaluation of a Term Case with Antenatal Intracranial Hemorrhage in the Neonatal Intensive Care Unit in terms of Physiotherapy and Rehabilitation

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**Purpose:** The aim of this study is to present the results of physiotherapy and rehabilitation evaluation of a term patient with antenatal intracranial hemorrhage in the neonatal intensive care unit (NICU).

**Materials and Methods:** General Movements (GMs), Hammersmith Infant Neurological Assessment (HINE) and Alberta Infant Motor Scale (AIMS) were used to perform the motor evaluation of the infant at postmenstrual 41 and 45 weeks. Positioning within the scope of physiotherapy, massage application to the extremities 3 days a week, neurodevelopmental practices and family training were given. After the infant was taken out of the intensive care unit, physiotherapy was followed.

**Results:** As a result, the GMs result at the 41st week was poor repertoire, the score was 20, and the cramp synchronized GMs was observed at the 45th week, while the score was 11. HINE was found to be 35 at week 41, 45 at week 45, and AIMS to be 7 at week 41, 8 at 45th week.

**Discussion:** The motor development level of the baby with antenatal intracranial hemorrhage started to be followed up in the NICU was found to be below optimal results.

It is thought that babies with antenatal bleeding should begin early physiotherapy follow-up and be directed to physiotherapy and rehabilitation program.

### Speaker Biography

Seda KARAMAN is a lecturer of Ondokuz Mayıs University, Department of Physiotherapy and Rehabilitation. She completed her master's degree at Izmir Demokrasi University and she is studying for a doctorate at the Bolu Abant İzzet Baysal University. She had worked as a physiotherapist at pediatric rehabilitation department of Ministry of Family, Labor and Social Services for two years. She took place in several conferences and forum about Health Science and Health Care Services with her papers and oral presentations such as "Investigation of Spinal Posture, Depression and Quality of Life of Formal Caregivers International Conference on Fibromyalgia and Chronic Pain (June 15-16, 2016 Philadelphia, USA) of The Disabled Children and Elderly Individuals". She attended "Intra-muscular Manual Therapy", "Dry Needling (Trigger Point Therapy)" and "Cupping and Hirudotherapy" courses organized by AC-OMT and Dura Osteopathy Association. She received "Space Therapy System Training" in 2019. She has completed a course taught by a certified Basic DNA Theta Healing™ Instructor, and has been a Basic DNA Theta Healing™ Practitioner in 2022. She currently attends vocational courses on physiotherapy and rehabilitation in women's health such as "Pelvic Floor Rehabilitation Online Module Series By Quadroathletics-All About Pelvis Group.

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