

PROGRAMME



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THE EFFECTS OF A COMBINED PORTAGE EARLY CHILDHOOD EDUCATION AND BOBATH THERAPY PROGRAM IN CHILDREN WITH INTRACRANIAL ANEURYSMS: A CASE REPORT

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INTRODUCTION/BACKGROUND

- Cerebrovascular events in childhood are not as often as adults. But lead to similar clinical outcomes.
- Intracranial aneurysms are the most common causes of subarachnoidal hemorrhage in childhood.
- The aim of this study is to examine the results of physiotherapy and special education program of the girl.

MATERIAL AND METHODS

- A three years a month -old girl participated in a combined Portage Early Childhood Education and Bobath therapy program.
- The girl was evaluated before and after the combined therapy program. The Gross Motor Function Measure (GMFM), Gross Motor Function Classification System (GMFCS), Functional Independence Measure for Children (Wee-FIM) and the Denver Developmental Screening Test II (DDST II) methods were used to evaluate the girl.
- The girl received special education per a week and physiotherapy two times a week. The girl followed by a team included neurosurgery, physiotherapists, child development experts and special educators.

RESULTS

| BEFORE THE TREATMENT PROGRAM | SCORE | AT THE END OF THE TREATMENT PROGRAM | SCORE | PERCENTAGE |
|---|-----------|---|-----------|------------|
| GMFM Total Score | 21.55% | GMFM Total Score | 87.56% | 97.56% |
| GMFCS | IV | GMFCS | II | 97.56% |
| Wee-FIM Total Score | 39 | Wee-FIM Total Score | 77 | 97.56% |
| DDST II (Fine Motor Developmental Age) | 7 Months | DDST II (Fine Motor Developmental Age) | 20 Months | 97.56% |
| DDST II (Gross Motor Developmental Age) | 10 Months | DDST II (Gross Motor Developmental Age) | 21 Months | 97.56% |

CONCLUSION

- Mental and motor development can be supported by physiotherapy and special education program in these patients.
- In order to improve the quality of life of these patients, it is important to start early physiotherapy and special education program.

EPS53 • A.4.4. Cancer (I)

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Luh Karuni Wahyuni (Jakarta/ID)
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Chien-Wei Peng (Taoyuan/TW)
- PA647 The Effects of a Combined Portage Early Childhood Education and Bobath Therapy Program in Children with Intracranial Aneurysms – a Case Report
Erdoğan Kavlak (Denizli/TR)
- PA648 Late Onset Pompe Disease
Filipe Quintas (Ponte De Lima/PT)
- PA649 The Observation of Curative Effect of Virtual Scene Training Treatment on Motor Function and Muscular Tension of Children with Spastic Cerebral Palsy
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- PA655 The Importance of Respiratory Rehabilitation in Preterm Newborn – Case Report
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