

Chen-Chia Yang*, Yueh-Ling Hsieh. The Immediate Influences of Hippotherapy on Dynamic Sitting Balance in Para-equestrian Athletes With Cerebral Palsy. The 22nd International Conference On Health Promotion Hospitals & Health Services. April 21-26, 2014, Barcelona, Spain. Poster presentation

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Research & Best Practice for patients, staff and community

The 22nd International Conference on Health Promoting Hospitals & Health Services



Changing hospital & health service
culture to better promote health

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Barcelona,
Spain
Abstract Book



Editorial Office

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University of Copenhagen, Denmark

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Hospitals and Health Services
The South-eastern European Health Network

Program

Monday, April 21, 2014

09:00-17:00
HPH Summer School

Tuesday, April 22, 2014

09:00-12:00
HPH Summer School

13:00-17:00
HPH Coordinators Workshop

Wednesday, April 23, 2014

09:00-16:00
General Assembly for HPH Network and Taskforce coordinators -
upon invitation only

09:00-15:30
Proposal of ENSH Module on Tobacco Control in Health Care
Services

16:00-17:00
Meeting of the HPH Governance Board Upon invitation only!

18:00-18:30
Formal Opening

18:30-20:00
Plenary 1 - Opening Lectures: Introduction to the conference

20:00-22:00
Welcome Reception

Thursday, April 24, 2014

09:00-10:30
Plenary 2 - Health literacy: an emerging concept for more patient-
oriented healthcare

10:30-11:00
Coffee, tea, refreshments

11:00-12:30
Parallel oral sessions 1 from papers received & symposia by HPH
task forces & conference workshops

12:30-13:30
Lunch

13:30-15:00
Parallel oral sessions 2 from papers received & symposia by HPH
task forces & conference workshops

15:00-15:30
Poster presentations 1 from papers received

15:15-15:45
Mini oral sessions 1 from papers received

15:30-16:00
Coffee, tea, refreshments

16:00-17:30
Plenary 3 - Enhancing the health environment for
professionals: Developing a more salutogenic culture for
healthcare staff

19:30-22:00
Conference dinner

Friday, April 25, 2014

09:00-10:30
Plenary 4 - Better health care responses to communities
through a culture of cooperation

10:30-11:00
Coffee, tea, refreshments

11:00-12:30
Parallel oral sessions 3 from papers received & symposia
task forces & conference workshops

12:30-13:30
Lunch

13:30-15:00
Parallel oral sessions 4 from papers received & symposia
task forces & conference workshops

15:00-15:30
Poster presentations 2 from papers received

15:15-15:45
Mini oral sessions 2 from papers received

15:30-16:00
Coffee, tea, refreshments

16:00-17:00
Plenary 5 - Take-home-messages: How can we make
change happen?

17:00-18:00
Farewell refreshments

Saturday, April 26, 2014

09:00-12:00
HPH Newcomers Workshop



origins of our patients are intense care units of the medical centers(73.9%). There were 2 patients admitted for the respite care. The outcomes of our patients are as follows : stays in our PRCW :7, went home: 7, transferred to the medical centers:5 ; death: 4.

Conclusions

Our PRCW can enhance the utility of intense care unit and also lessen the economic and mental loads of their families. This also reflected in the policies of the department of health of Taipei city government, to help those who need help, to respect the life of every citizen and to take care of the minorities.

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Six-year Follow-up of Hippotherapy on Gross Motor Function in a Child with Hypotonic Quadriplegic Cerebral Palsy

YANG Chen-Chia, CHAN Shu-Ya, LO Hong-Ji, HSIEH Yueh-Ling

Introduction

Hippotherapy has been shown to produce beneficial effects by improving the motor function in children with spastic cerebral palsy (CP). However, its long-term therapeutic effects for children with hypotonic CP have not been thoroughly examined.

Purpose/Methods

The purpose of this report is to document the 6-year longitudinal changes of gross motor function in a 5-year-old girl with generalized hypotonic CP and global delay in development treated with a long-term hippotherapy regimen. She received a 15-minute intervention twice a week for six years with special treatment positions, sitting backwards, prone propped and sitting forwards on horseback. Gross Motor Function Measure (GMFM-88) and certain functional GMFM items evaluated on the horseback (GMFM-h) were followed up every 3 months.

Results

There was sustained improvement in gross motor function every year after hippotherapy. Her GMFM scores increased in dimensions A (from 21 to 42) and B (from 0 to 21) and the increment percentage of total GMFM-h scores also achieved 80% after 6-year hippotherapy.

Conclusions

According to the case report of this 6-year follow-up, we suggest that hippotherapy might enhance and maintain the gross motor performance and functional ability in quadriplegic hypotonic CP.

Comments



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Hippotherapy may provide an alternative treatment strategy that utilizes horse movement as the primary part of an exercise intervention for CP individuals with hypotonia and a variety of disabilities.

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The Immediate Influences of Hippotherapy on Dynamic Sitting Balance in Para-equestrian Athletes With Cerebral Palsy

YANG Chen-Chia, HSIEH Yueh-Ling

Introduction

Hippotherapy is an equine activity that uses the horse to assist with various types of therapy, either physical, occupational or speech language therapy. Hippotherapy collaborated with Para equestrian training program can further advance equestrian skills of Para riders. However, its therapeutic effects on balance control in sitting for Para-equestrian athletes with cerebral palsy (CP) have not been thoroughly examined.

Purpose/Methods

The study aimed to examine the immediate changes of sitting balance in Para-equestrian riders after a session of hippotherapy. Para-equestrian riders (male, ranged from 12-18 years old) with spastic diplegic CP (GMFCS Level III) who experienced in International Para-equestrian competitions were recruited for assessing their sitting balance. The modified functional reach tests obtained reach distances and corresponding center of pressure (COP) excursion of forward, rightward, and leftward reach before and after 30-minute hippotherapy were examined. Reach distance was obtained by tape measure and COP excursion was measured using Zebris FDM-S system.

Results

After a session of hippotherapy, all riders revealed an increase in the value of reach distance in all directions. Average increase in distances for forward, rightward, and leftward reach were 9.1, 1.2, and 7.1 mm. The change of distance for forward and leftward reach was considered as moderate to large (effect size = 0.75 and 0.96). Moreover, increase in the value of COP excursions was observed only in three riders for forward (8.1 mm of average increase) and leftward reach (12.1 mm of average increase) and in all for rightward reach (14.8 mm of average increase). However, the changes in COP excursions for all directions were considered as small (effect size ranged from 0.23 to 0.36). Nevertheless, inspection of the COP time series revealed an improved smoothness of trajectories and curve shape immediately after hippotherapy.

Conclusions

The findings were preliminary and suggested that para equestrian riders with CP might exhibit improvement in dynamic sitting balance after a session of hippotherapy.

Comments

Hippotherapy strengthening on abdomen-back muscles seems to provide an adjuvant training programs for improving sitting balance in para-equestrian riders with CP.

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Promotion and evaluation of the respect for the child's rights in hospital

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Introduction

Compliance with the Charter of the rights of the child hospitalized is one of the most significant commitments in the field of health promotion; it also helps to reinforce a cultural model in which the caring precedes the diagnosis and the child's care. The hospital must take account of their needs, their affections to their emotions. To make concrete these statements, we must move from state to assess how these rights and how they are implemented in practice.

Purpose/Methods

A working group composed of medical personnel working in "Regina Margherita" Children's Hospital of Turin (OIRM) and representatives of Schools and Voluntary Associations has produced a manual to evaluate the application of the Charter of Rights of the child hospitalized composed of 40 items graded on four incremental levels to guide quality improvement. Health professionals, volunteers and school teachers have been trained as evaluators. Groups composed of three auditors visits the departments, those assessed themselves using the same manual.

Results

Six evaluation visits have been conducted; they allowed to verify compliance with the rights of children hospitalized; it produced satisfactory results especially from the point of view of the involvement of professionals and volunteers. The work program plans to conduct at least two visits per month to conclude the evaluation of all departments of OIRM by 2014. We have a system to promote quality of children care that is based on

principles of shared evaluation and development of improvement actions.

Conclusions

The project shouldn't be confined to a single reality, even if relevant of OIRM, because it has its own natural development on a regional basis in the context of health promotion. The HPH network in Piedmont was involved in these aims and in related activities, above all specific training activities will be planned so that there will be a greater number of evaluators involved and a larger assessment to all the locations of hospitalization of pediatric patients in the region.

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"The Chibicco Theatre" in Oizumi Health Coop Hospital for ten years.

FUJITA Akiko, KURIHARA Yumiko, HAYASHI Setsuko, THE CHIBICCO THEATRE
An executive committee of, SAITOH Fumihiko, NEGISHI Kyota

Introduction

We have held an event as "The Chibicco (children's) Theatre" since 2002. Aim of this event is to create and promote children's healthy mind. We expect children to feel that a hospital is a comfortable and delightful place and that all medical staffs like doctors and nurses are friendly. To this purpose, community members and medical staffs cooperated each other and planned these activities.

Purpose/Methods

When we held the first time theatre ten years ago, we read books for children in the out-patient clinic of the hospital by community volunteers of our co-op. Recently we have puppet theatre that is made by mothers, and teach playing the violin by medical staffs. We held these events twice a year, and now we planned 23 times.

Results

40 participants of children, parents, and volunteers joined to the first time theatre. Recently 90 persons are getting together. Community members and medical staffs cooperate and plan events. This deepens the bond and increases consciousness that Oizumi Health Cooperative Hospital is "Our" hospital. As a result of planning regularly, participated parents came to have a stronger sense of community. Some of the children became to be interested in music, and a few of them came to play the violin.

Conclusions

In modern society, there are thin human relations like nuclear family, single-person households and super-aging society. We

