

Use of Vestibular Rehabilitation in the Pediatric Population

Jennifer Christy 

https://doi.org/10.1044/2019_PERS-SIG7-2019-0002

Abstract

Purpose The purpose of this article was to provide a perspective on vestibular rehabilitation for children.

Conclusion The developing child with vestibular dysfunction may present with a progressive gross motor delay, sensory disorganization for postural control, gaze instability, and poor perception of motion and verticality. It is important that vestibular-related impairments be identified early in infancy or childhood so that evidence-based interventions can be initiated. A focused and custom vestibular rehabilitation program can improve vestibular-related impairments, enabling participation. Depending on the child's age, diagnosis, severity, and quality of impairments, vestibular rehabilitation programs may consist of gaze stabilization exercises, static and dynamic balance exercises, gross motor practice, and/or habituation exercises. Exercises must be modified for children, done daily at home, and incorporated into the daily life situation.

FIGURES REFERENCES RELATED DETAILS

**Volume 4
Issue 6
December
2019**

Pages: 1399-1405

Get
Permissions

 Add to
your
Mendeley
library

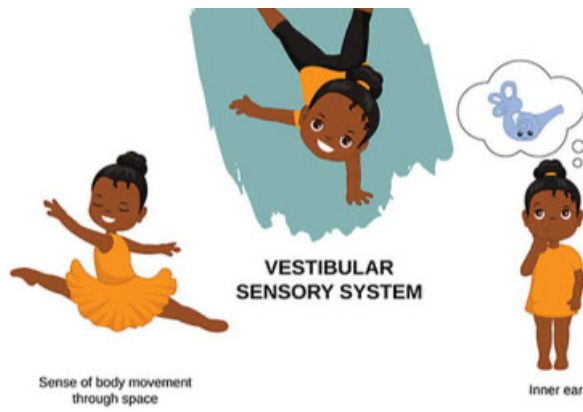
History

Received: Feb 24, 2019

Revised: Apr 18, 2019

Accepted: Apr 29, 2019

Published



Additional Resources

Total	First 90 Days	6 Months	12 Months
-------	---------------------	-------------	--------------

We recommend



Vestibular Disorders and Evaluation of the Pediatric Patient

[Maureen Valente, The ASHA Leader, 2011](#)

Historical Perspective of “How Did We Get Here and Where Are We Going” in the Rehabilitation of Patients With Vestibular Hypofunction

[Susan J. Herdman, SIG Perspectives, 2019](#)

Unspun

[Kristen Janky, The ASHA Leader, 2013](#)

Functional Assessment and Management of Peripheral Vestibulopathy

[Richard A. Roberts, SIG Perspectives, 2009](#)

Maintaining the Balance: Vestibular Help for Children With Hearing Loss

[Jaynee A. Handelsman, The ASHA Leader, 2018](#)

Developmental Implications of Clinically Applied Vestibular StimulationA Review [↗](#)

[Kenneth Ottenbacher, Physical Therapy, 1983](#)

Effects of Vestibular Stimulation on Nystagmus Response and Motor Performance in the Developmentally Delayed Infant [↗](#)

[Robert M. Kantner, Physical Therapy, 1976](#)

Characteristics of Vestibular Function and Static Balance Skills in Deaf Children [↗](#)

[Cynthia N. Potter, Physical Therapy, 1984](#)

Evaluation of Health-Related Quality of Life in Individuals With Vestibular Disease Using Disease-Specific and General Outcome Measures [↗](#)

[Lori J Enloe, Physical Therapy, 1997](#)

Clinical Manifestations of Peripheral Vestibular Dysfunction [↗](#)

[Jay M. Goldberg, Oxford Academic Books-4, 2012](#)

