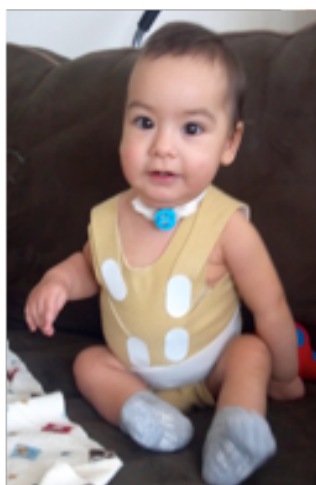


Aurora Rowland, OTR/L trials a Wunzi on an infant with Prune Belly Syndrome.

In only 30 days, Lazlo experienced a boost in left side engagement, and significant time increase for Tummy Time and seating in Bumbo chair



Lazlo's Story: Upon initiating Occupational Therapy services, Lazlo was observed to be wearing a traditional abdominal binder due to his diagnosis of Prune Belly Syndrome (aka Eagle-Barrett Syndrome). Lazlo's rolling was limited to his right side where he would arch his neck and back to complete the movement. He made attempts to reach toys positioned close to him but was unable to grasp, and would strike at them instead. Lazlo favored turning his head towards his right side and required tactile and visual cues to turn his head to the left side. His left arm and shoulder were noticeably tight, which explained why he maintained his left hand in a fisted position. It was difficult for Lazlo to engage in exercise without becoming visibly upset regardless if he was lying on his back or stomach. He could only tolerate tummy time exercises on a therapeutic ball for 10 seconds before becoming upset. On January 28, 2013, a loaner TheraTogs Wunzi system was provided to Lazlo on a trial basis as a therapeutic support to facilitate postural reinforcement necessary for his overall development.

The Wunzi provided abdominal support thus improving his neurodevelopment in preparation for crawling, increased upright postural activities and facilitation of abdominal and trunk muscle memory for increased functional mobility of his upper extremities.

Days Wunzi Worn	Hours/Day Wunzi Worn	Goal 1: Engage Left Side, Hand (Roll to left side, Side lying exercise, hand clap)	Goal 2: Supported seating in Bumbo chair	Goal 3: Tummy Time on Therapeutic Ball
0	0	Limited to right side, tight left arm and shoulder, left hand in fist		Tolerated for 10 seconds
7 days	6-12 hours/day	Rolled to left side, place elbows under chest, tolerated side lying position for 5 minute increments, bringing right hand to left to clap	Tolerated 20 minutes, with complaints	
14 days	12 hours/day	Rolling more frequently to the left side	Improved upright sitting posture	Tolerated for 10 minutes with supported weight bearing through lower extremities
21 days	24 hours/day	Trying to clap more, reach more frequently with left hand to grab toys	Tolerated for 15 minutes, without complaints	Tolerated 15 minutes while weight bearing through lower extremities
30 days	24 hours/day	Extend left arm more than right arm to counterbalance	Unsupported static sitting for 15 sec increments	Tolerated 10 minutes on a firm surface and 10 minutes of supported kneeling

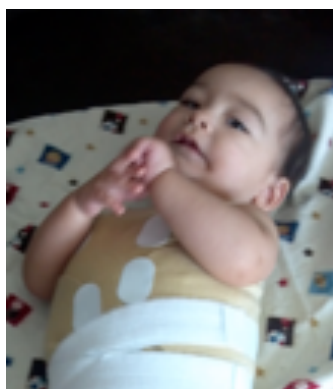


After 7 days of wearing the Wunzi for an increment of 6-12 hours during the day, Lazlo started to roll to his left side and place his elbows under his chest;

bring his right hand to his left hand to clap; tolerate a side lying position for 5 minute increments (more on his right side versus his left side); and tolerate 20 minutes of supported sitting in a Bumbo seat (with complaints).



On day 14, he started to wear the Wunzi system for 12 hours during the day with reports of rolling more frequently to his left side; exhibit improved upright sitting posture in his high chair; and tolerate 10 minutes of tummy time on a therapeutic ball with intermittent periods of supported weight bearing through his lower extremities.



By day 21, he started to wear the Wunzi for 24 hour increments with observations of trying to clap more; tolerate sitting in a Bumbo seat for 15 minutes (without complaints); reach more frequently with his left hand to grab toys; tolerate 15 minutes of tummy time on a therapeutic ball while weight bearing through his lower extremities; exhibit unsupported static sitting balance of 5 to 10 second increments; exhibit improved upright semi- supported static sitting for 5 minutes (using the therapeutic ball as a backrest); continue to roll to his left side more frequently; and lean forward while in a supported sitting position and return to his original position independently.

By day 30, Lazlo was observed to tolerate unsupported static sitting for 15 second increments; ironically he would extend his left arm out more than his right arm to counterbalance himself; tolerate 10 minutes of tummy time on a firm surface; and tolerate 10 minutes of supported kneeling.

Therapist Comments: The Wunzi Insert was extremely helpful with step-by-step instructions that include visual diagrams. The cross strap was essential in securing Lazlo's abdomen to midline, thus reinforcing his center of gravity, which influenced his overall progress and results after 30 days of use.

TheraTogs experience: This was therapist, Aurora Rowland's, first experience using TheraTogs.

Parents Comments: During the period of which Lazlo awaited his own Wunzi system, his bowel movements were less frequent without the use of the Wunzi.



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Location: Contracted through Lanterman
Regional Center- Early Intervention Services, Los
Angeles, CA <http://www.lanterman.org>