



**Know the story:** In 2001 Yamile C. Jackson (Ph.D. in ergonomics and human factors engineering and certified Kangaroo Care Professional) gave birth prematurely to Zachary, who weighed less than 2 lbs. and was hospitalized for 155 nights. He survived the deluge of Tropical Storm Allison that flooded his hospital in Houston and shut-down all power to his life-support machines. His parents and NICU staff kept him alive "by hand" for 9 hours until he was evacuated. Against incredible odds, Zachary is healthy and smart.

More than products, Zachary inspires her mother to design ergonomic tools that effectively facilitate evidence-based developmental care 24/7 while engaging the parents' natural instincts to nurture and heal.

For her work and inventions, Yamile has won over 16 awards including "Groundbreaking Latina Entrepreneur of the Year" by Catalina Magazine, "Outstanding Woman-Owned Small Business of the Year" by the SCORE Foundation, "Ultimate Latina Award - Health Category" by the US Hispanic Chamber of Commerce, and was a finalist for the Institute of Industrial Engineers' "Creativeness in Ergonomics Practitioner of the Year Award."



Complement the Zakys with The Kangaroo Zak for 24/7 proper developmental care

**Prolonged, effective, safe, and hands-free Kangaroo Care sessions. Guaranteed.**

While kangarooing, place The Zaky behind the neck to scent it and warm it naturally. Leave it with the baby when the skin-to-skin session ends.



**nurtured by design**  
It's in your hands™  
(formerly Zakeez, Inc.)



Neonatal ergonomics and evidence-based neonatal developmental care

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**The Zaky® is the right (and left) hand of those who know about neonatal developmental care**



The results suggest that The Zakys significantly improve self-regulation and organization and decrease apnea and bradycardia in NICUs.<sup>[\*]</sup>

[\*] "Effect of a Maternal Simulated Intervention [The Zaky] on Physiologic and Developmental Behaviors of 28-34 Week Gestation Infants in a Level III NICU" (Russell, Weaver, Vogel, 2011)



**the parents' scent**  
hold to the chest for at least one hour



**wash/dry it**  
in the washing bag provided



**warm it**  
in the dryer or towel warmer



**control its weight**  
and firmness by shifting the filling



Two Zakys virtually replace all positioners, bonding items, transitional and soothing aids, and developmental tools on the bed, reducing cost while providing evidence-based results



They facilitate proper nesting in any position without restraining movement



They provide effective support during "tummy time"



They help children of any age



They simulate the shape, scent, weight, and touch of the parents' hands. They provide a sense of protection that is important to fall and stay asleep



**COLORS AVAILABLE FOR ZAKY**

Blue

Lilac

Cream

Lime

Rose

Gray

**HANDS**

Right / Left



During hospital discharge, they keep the baby safe, comfortable, and centered under the harness



The Zakys facilitate proper posture and musculoskeletal development decreasing or eliminating the need for future physical therapy



They reduce the baby's association of touch with pain, and of movement with stress

They help positioning during pregnancy and bed rest



They make it easy for new nurses and parents to learn about properly positioning healthy newborns and premies

**The Zakys are used in hundreds of hospitals globally because they**

- May be used at all times when the baby is not being held in Kangaroo Care (skin-to-skin contact).
- Improve the baby's habitat and his/her ability to process stimuli.
- Improve the physical, social, emotional, physiological, and neurological development of the baby.
- Are an effective non-medicinal pain management aid, making it ideal for post-op care.
- Provide therapeutic touch, positioning, boundaries, and containment even to withdrawn babies.
- Decrease crying and its harmful effects.
- Decrease unscheduled nurse interventions and minimize false alarms (reducing decibel levels).
- Promote bonding and attachment with the family and reduce separation anxiety.
- Help the baby recognize and be soothed by the mother's scent and learn the father's scent.
- Enable parents to actively participate in the care of their baby.
- Help moms relax and produce more breast milk.
- Ensure that the baby is first: The baby is properly positioned first, then secured with the Zakys.
- Become the transitional item that soothe the baby for years to come.