



## Reimagining the Infant Spinal Tap Experience

WWW.SMOLTAP.COM



# Introducing SMöLTAP

**SMöLTAP is an innovative positioning cradle that secures infants in a consistent position for a lumbar puncture/spinal tap.**

## CURRENT PROBLEM

**> 25%**

of lumbar punctures are unsuccessful, often leading to hospitalization due to diagnostic ambiguity.

**30M** INFANTS

visit an emergency room a year in the US

**\$5K** AVG.COST

of hospitalization tied to spinal tap complications

**3.6M** BIRTHS

in the US each year

## THE SMöLTAP SOLUTION

By centering the tap procedure around the cradle positioning device, the process becomes more consistent and replicable. Further, the energy and focus of the team shift from physically positioning the infant to tap accuracy and infant comfort.



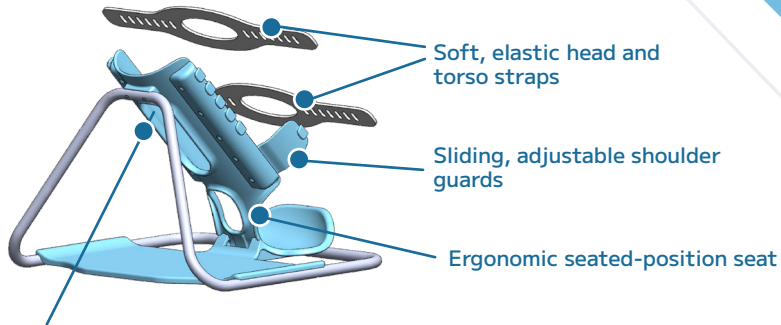
The SMöLTAP cradle elegantly meets the positioning needs of both infants and clinicians. Its design includes features that simplify the positioning steps for tap procedures.

“Babies cried more when we took them out than when we put them in.”

Natasha Collia, MD, PE

## THE SMÖLTAP CRADLE

- Fits infants height: from 5<sup>th</sup> percentile at 37 weeks to 57 cms
- May reduce the likelihood of unsuccessful taps
- 2-year useful life
- Single use, disposable straps



Face window opening: breathing and sucrose solution









## OUR "AHA MOMENT"

Founders, Dr. Brian Averson and Dr. Ravi D'Cruz are colleagues who are passionate about their clinical care work. Brian is a seasoned pediatric ER clinician who has performed thousands of infant spinal taps over decades. Ravi, who was formerly an architect before a pivot to medicine, retains a keen design thinking approach to his medical practice. When Ravi prompted Brian about 'challenges' he faced as a pediatric MD, Brian had just completed an infant tap, which he described as among "the most frustrating and difficult" procedures he performs. Their discussion imagined a fixture that held the infant without the direct physical contact of care team members. Both realized it as an 'aha' moment and enlisted the world-class industrial designer Dan Nelsen, to help develop SMöLTAP. Like all great 'in the room' stories, this one is best told first person.

For more information please visit us at [www.smoltap.com](http://www.smoltap.com)

### CONTACT US

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### VISIT OUR WEBSITE



Cradle/Device: STCR1  
Strap 10 Pack: STSTR10



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