

daytot

Where remarkable
journeys start





Supporting babies at risk from early-years developmental delay by introducing life-enhancing products into their daily routine from day one.

Remarkable journeys start with **daytot**

Introducing

daytotjoey

daytot joey

Joey is an early intervention crawler, designed to encourage the development of motor skills for babies at risk of delay.

For use during a baby's first year at home, Joey helps enhance early motor skills, by encouraging independent movement on their tummy. Joey supports the baby, allowing them to move freely, while building the all-important foundations for their future physical and cognitive development.

Joey promotes tummy time and crawling - important floor-centred activities for building muscle strength, balance, coordination, and motor skills.



Promoting Early Movement

Joey facilitates hands-on training of reciprocal movements, encouraging the development of natural crawling skills which leads to independent 4-point crawling.

The patented design provides infants with the optimum support and range of movement to ensure full flexion and extension of the leg, arm and pelvis can be achieved.

Helps support the development of coordination & spatial awareness as well as enhancing proprioception (balance)



daytotjoey

Sizing

Size 1



Size 2



Size	Age (Corrected) Approx.	Max User Weight
Size 1	0 – 2 months	5kg / 11lbs
Size 2	2 – 6 months	10kg/ 22lbs

How to Measure



A – Shoulder to bottom
B – Top of Head to Shoulder

C – Chest
Width

D – Knee to Groin
(femur length)

Product Features

Machine washable covers (40 degrees). Available in fabric & wipe-clean Vinyl



Supportive & Adjustable 5-point harness



Lightweight & durable (1.3kg / 3lbs)



Adjusts for tiny babies & growing babies



Adjustable, breathable bibs keep Joey cleaner for longer

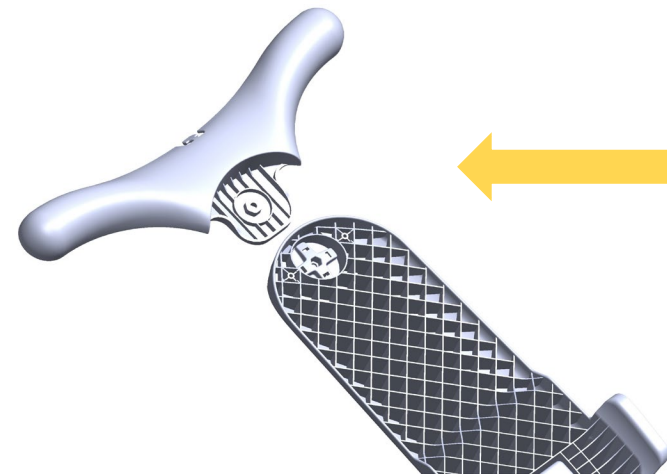


Ball castors enable movement 360 in any direction

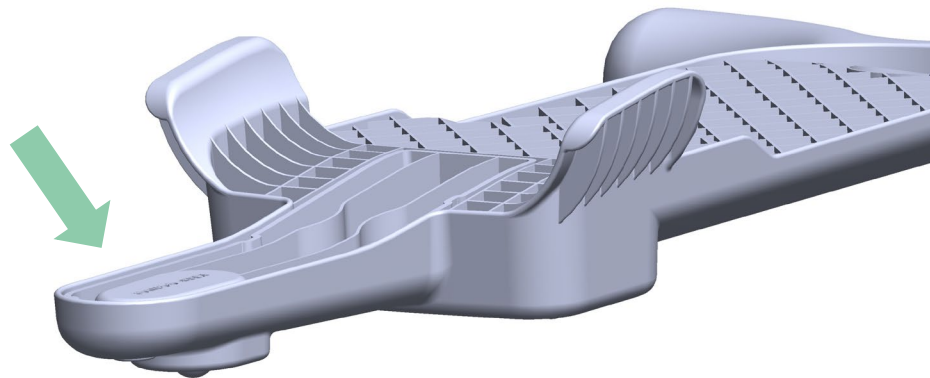


daytotjoey

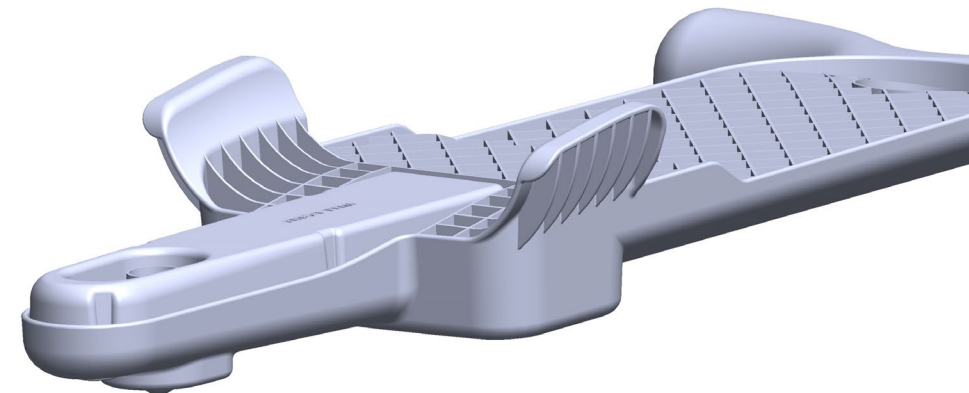
Design Features



Detachable stabiliser – for portability & storage



Size 2 – Small insert for smaller babies aged 2-4 months (approx.)



Size 2 – Large insert for babies aged 4-6 months (approx.)

Recommended Use
0-2 Months

Building up to 5
minutes per day



daytotsjoey



Recommended Use
2-6 Months

Building up to 2x 5
minute sessions per day

Suitability

Joey is suitable for babies at risk of developmental disability or delay. This may include but is not limited to the following conditions.

- Prematurity
- Down Syndrome
- Post Surgical Recovery
- Developmental Delay
- Hypotonia
- Torticollis
- Severe Plagiocephaly
- Diagnosed or suspected neurodevelopmental conditions (we recommend the infant is assessed for suitability by his/her therapist, doctor, or pediatrician).



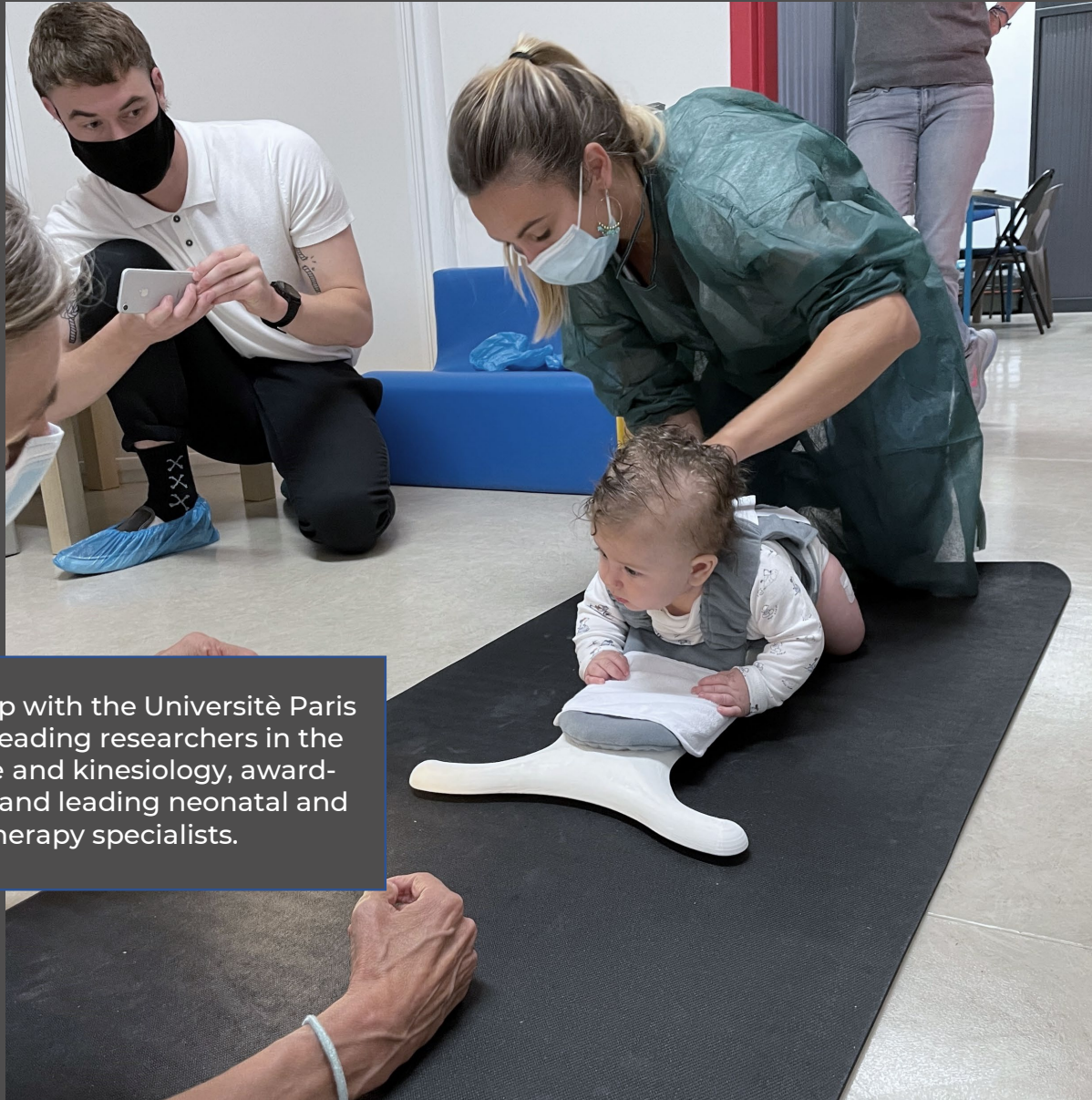
daytot activity mat

The Remarkable Part!

Scientific research shows that the use of high contrasting colours, such as **black & white shapes** scaled to a specific ratio, supports **visual & cognitive development**, and stimulates quadrupedal (four-footed) movement in newborns – the building blocks for learning to crawl.

Our product designers have worked with leading researchers in the field of infant neuroscience and kinesiology, to create a **bespoke** black & white mat pattern which promotes infant visual development, while providing the best possible training surface for use with the **daytot** joey





Our collaborative partnership with the Université Paris Cité has brought together leading researchers in the field of infant neuroscience and kinesiology, award-winning product designers and leading neonatal and pediatric physical therapy specialists.

Supported By Clinical Research

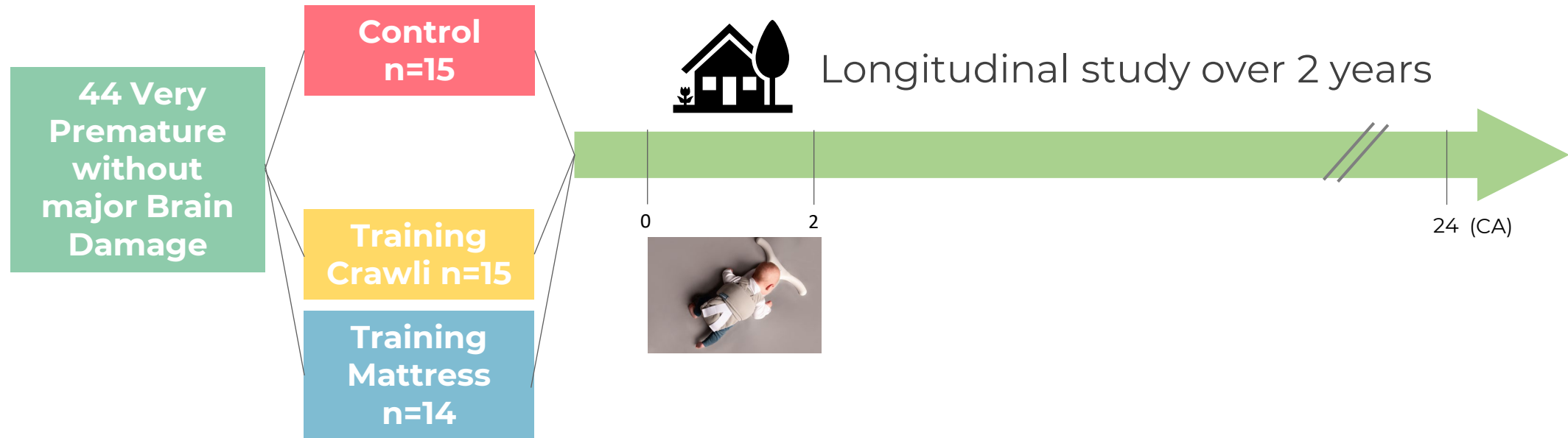
Research conducted by the Université Paris Cité has shown encouraging findings based on early motor training of extremely premature infants. This research shows that early training has a positive effect in reducing the risk of gross motor delay when implemented from term.

Forty-four very premature infants (born 24-32 weeks) were randomly split into 3 groups;

- Joey Training (Crawliskate)
- Mattress Training (tummy time)
- Control Group



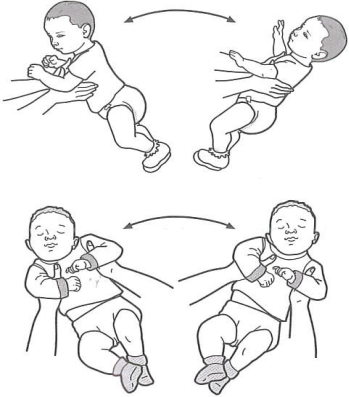
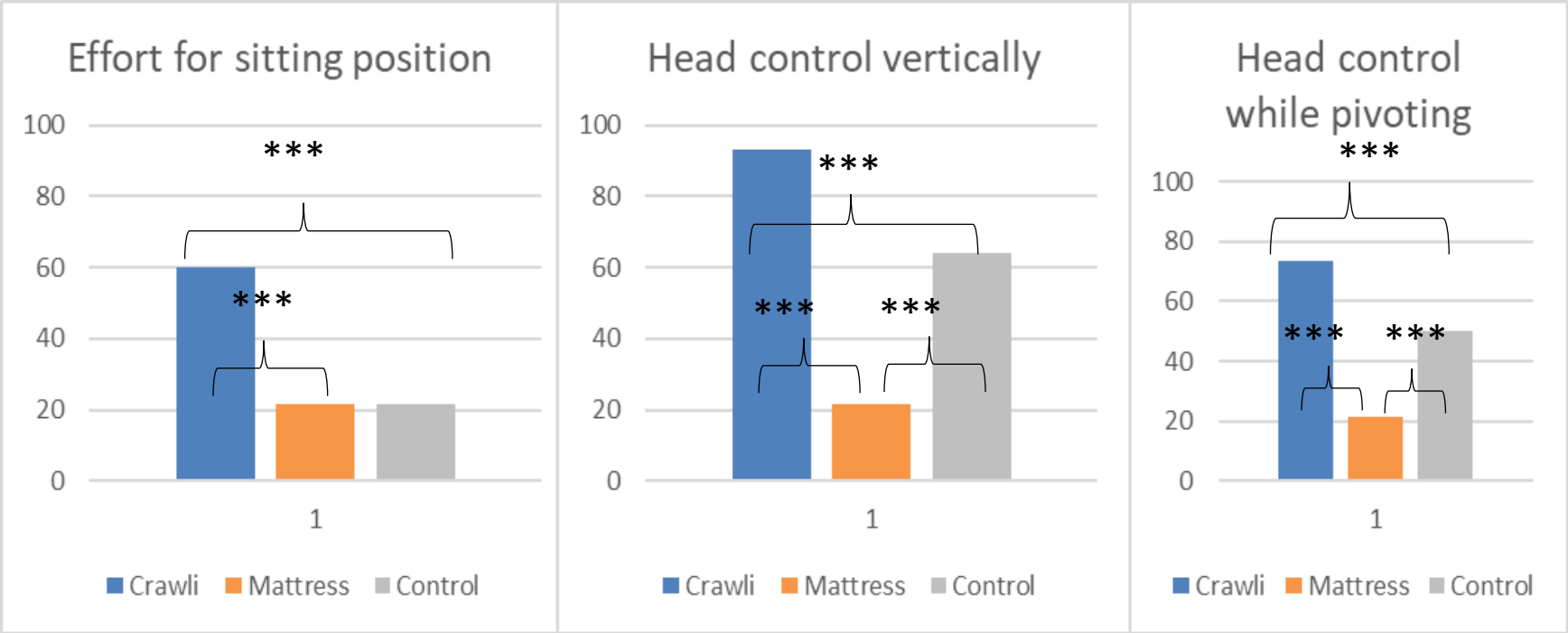
Protocol



Trained infants were positioned prone on Joey or on a mattress for 5-minutes daily at home over a 2-month period, when they left the NICU. The gross motor development of the 3 groups was assessed over 12 months of corrected gestational age (CGA).

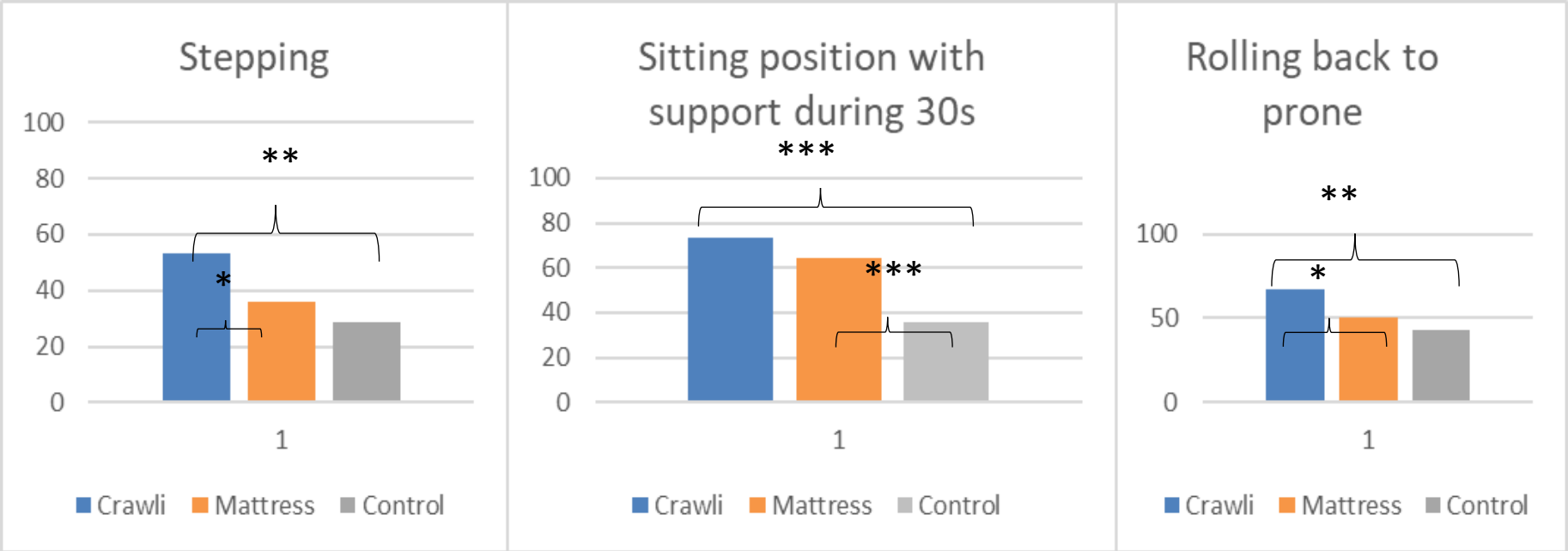
BSID III: Gross Motor specific items at 2 months

% of successful infants



BSID III: Gross Motor specific items at 6 months

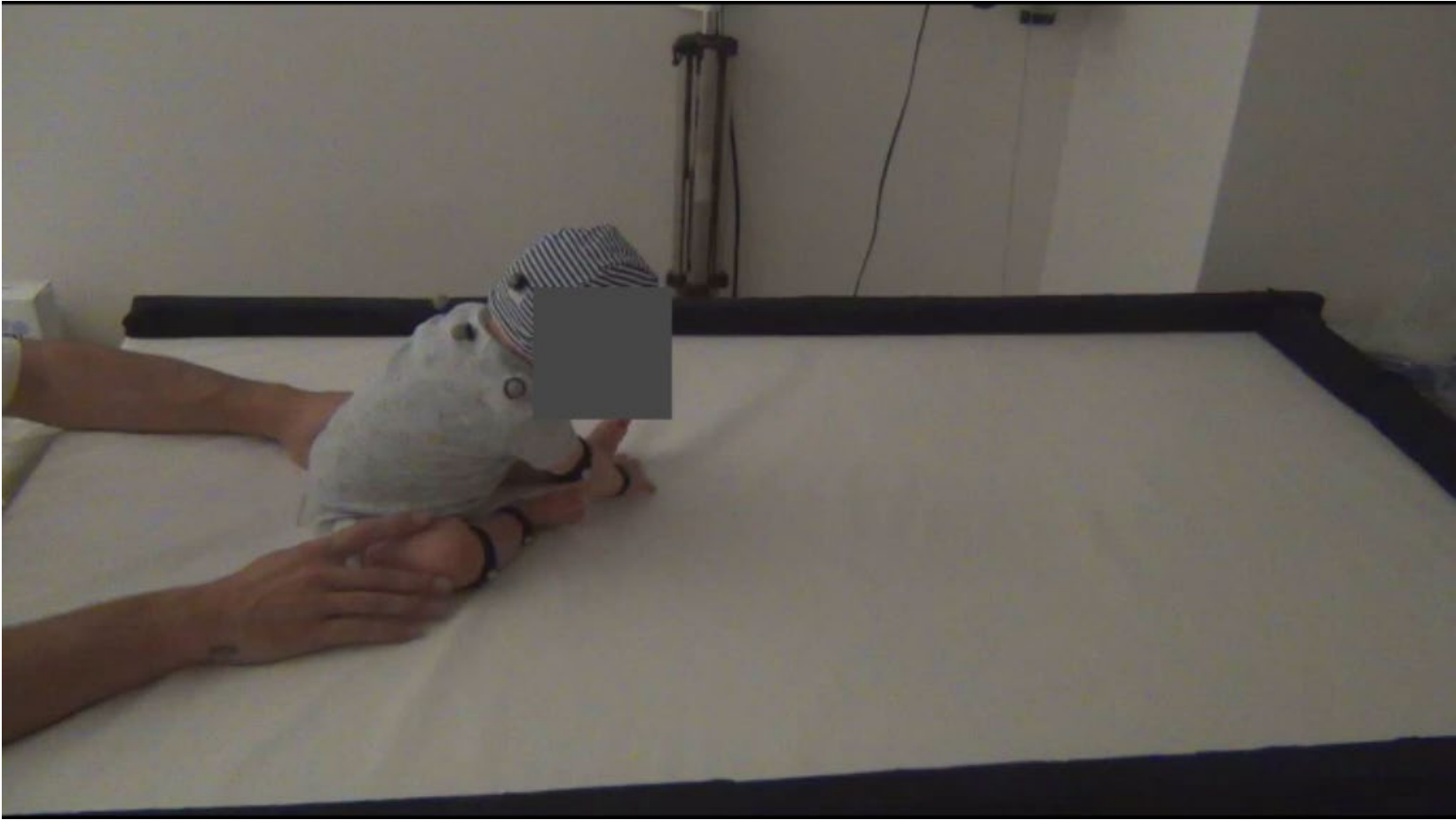
% of successful infants



Sitting at 6 months - Control Group



Sitting at 6 months – Joey Trained Group



Stepping at 6 months - Control Group

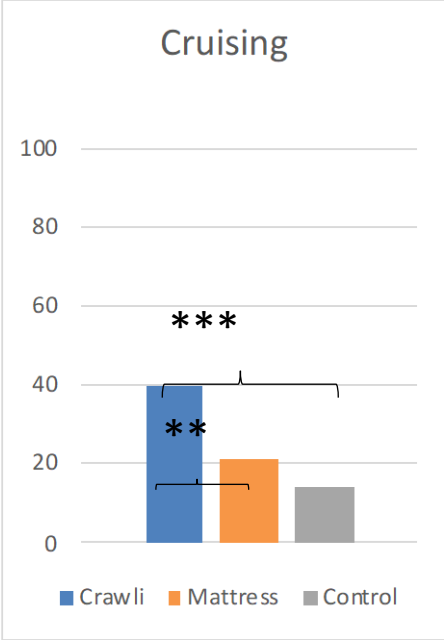
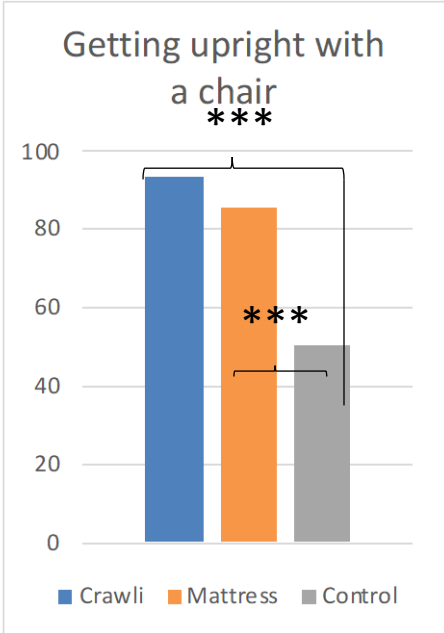
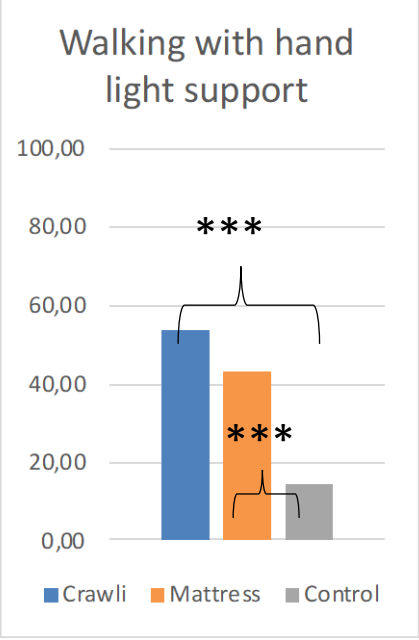
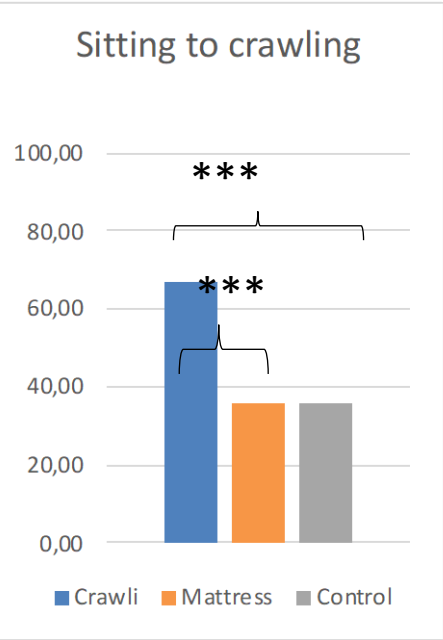
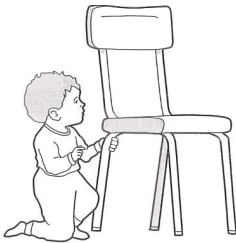


Stepping at 6 months – Joey Trained Group

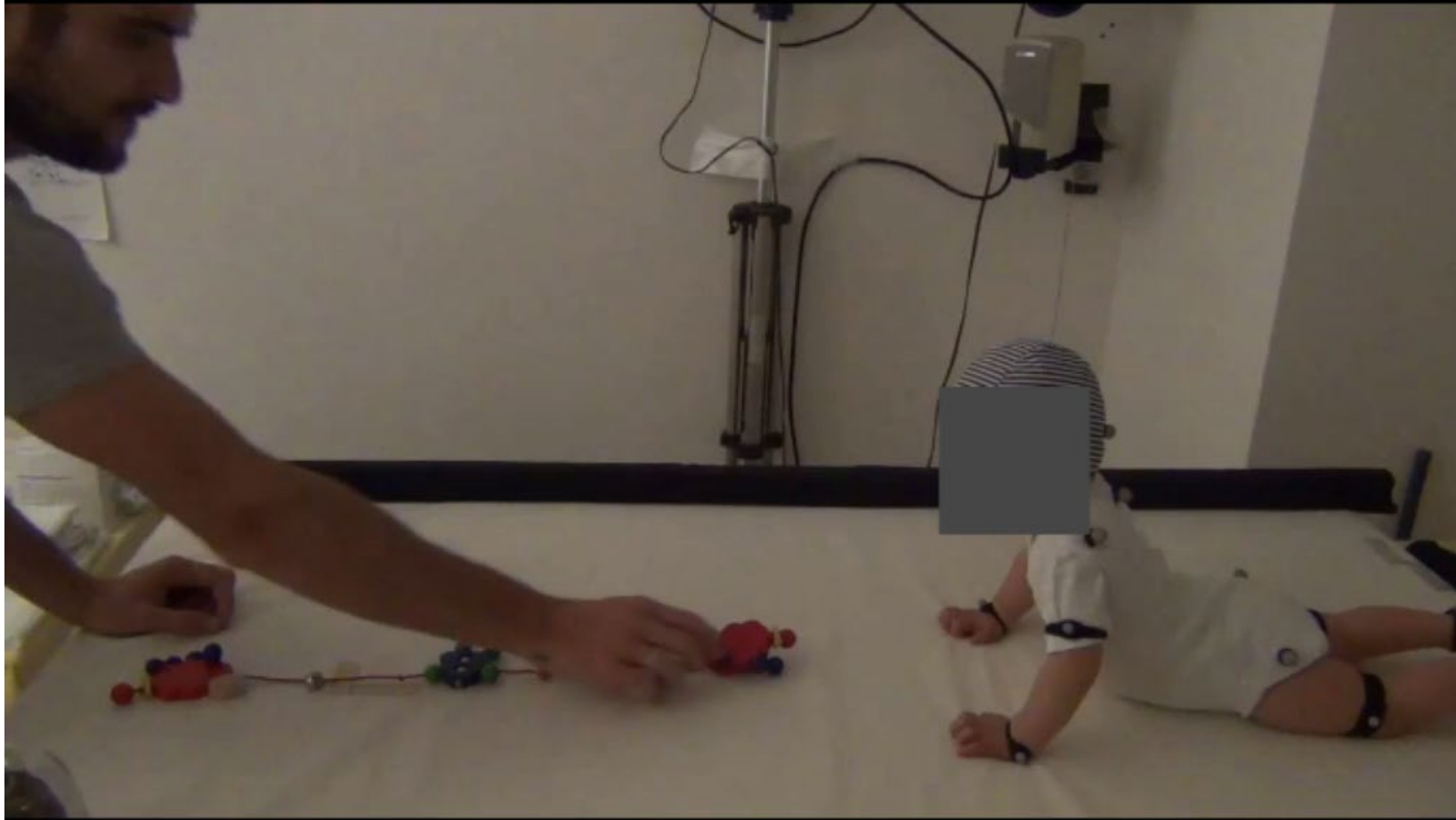


BSID III: **Gross Motor** specific items at 9 months

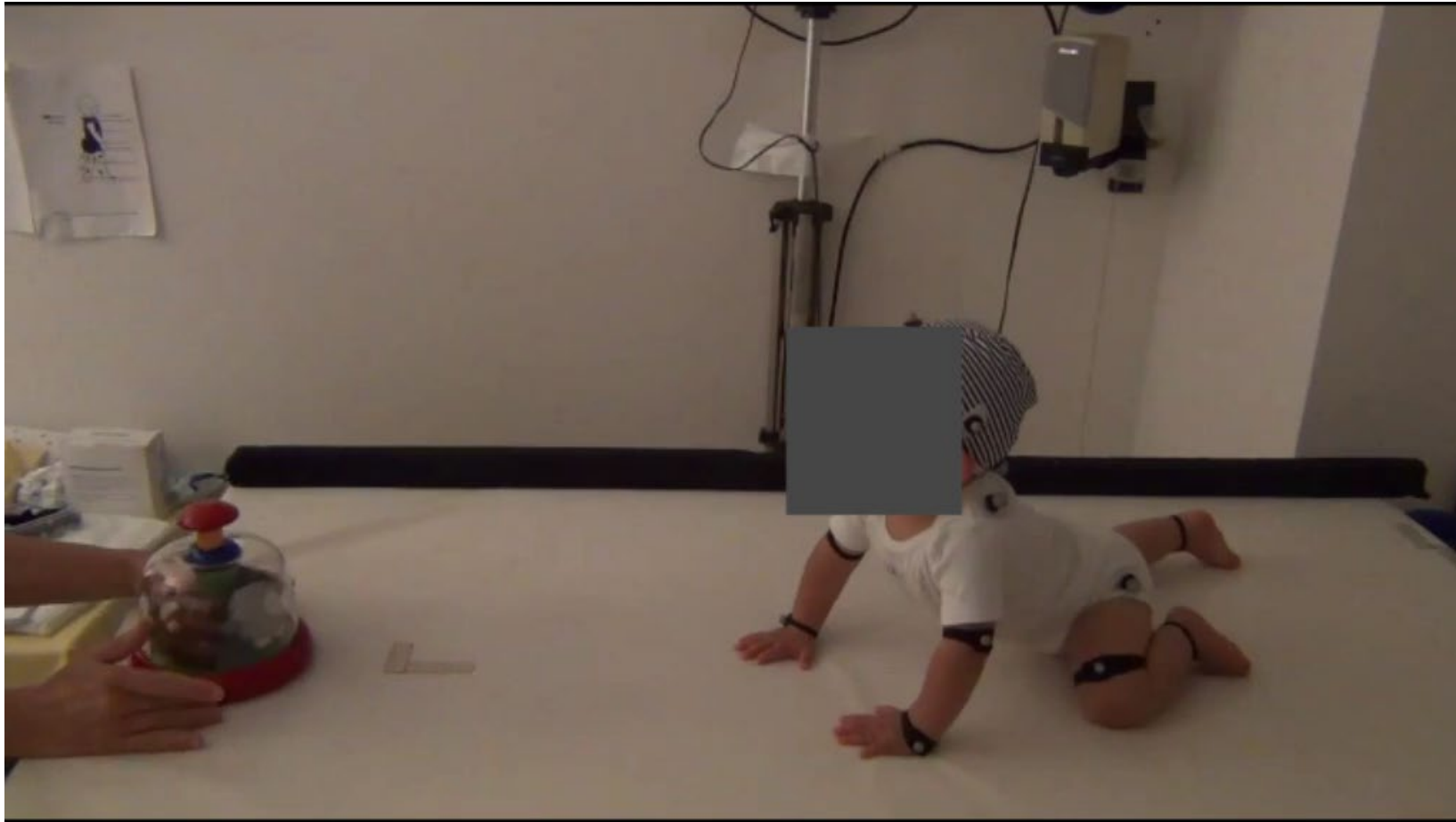
% of successful infants



Crawling at 9 months - Control group

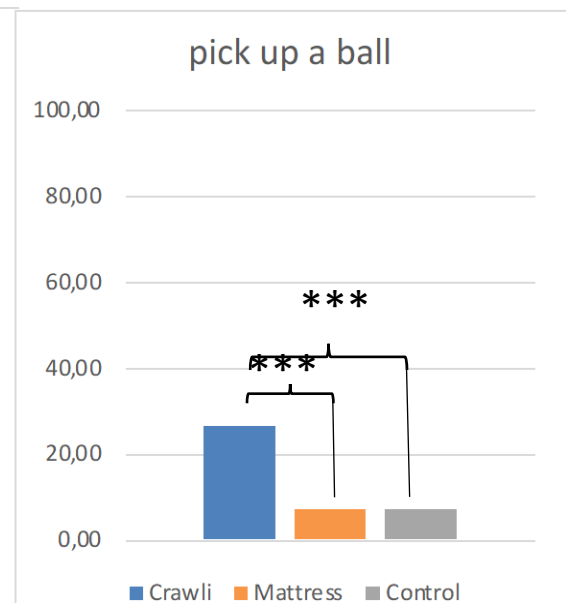
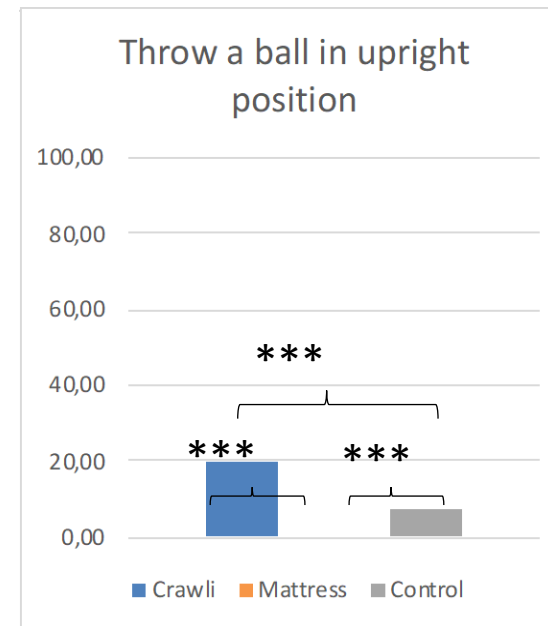
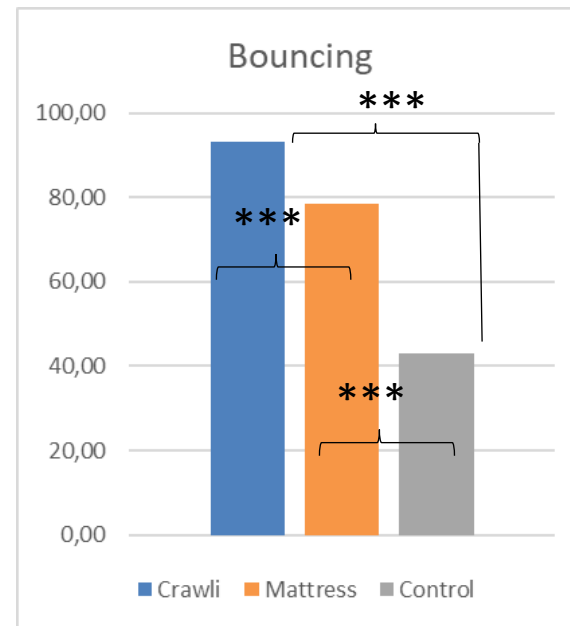
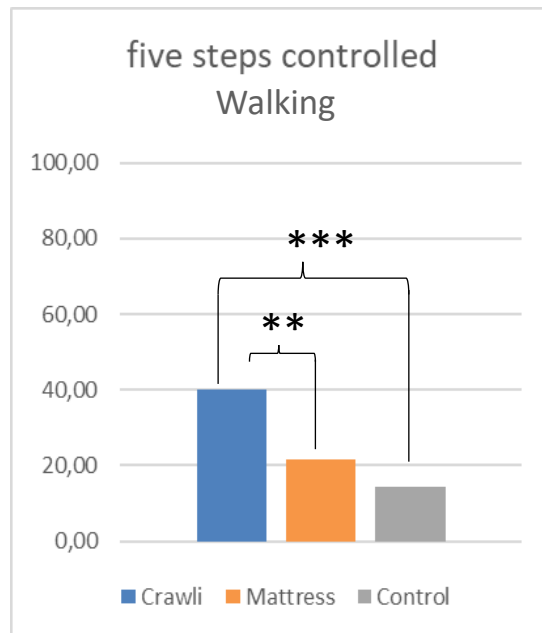


Crawling at 9 months – Joey Trained Group



BSID III: **Gross Motor** specific items at 12 months

% of successful infants



The Results

- 85% of Joey trained infants had head control vertically at 2 months, compared to 15% of mattress trained infants.
- At 6 months, 50% of Joey trained infants could step with light hand support, compared to only 30% in the control group.
- At 9 months, 60% of Joey trained infants could crawl independently compared to only 20% in the Mattress and 38% in the Control group.
- At 12 months, 40% of Joey trained infants could walk with five independent steps compared to only 14.3% in the control group.
- Joey trained babies developed better head control, better, rolling, and standing postures, compared to the other groups after 12-month assessment.

Case Stories

Our case stories provide further insight into the therapeutic outcomes that Joey can provide babies with developmental delay.

We have worked alongside highly specialised neonatal and pediatric therapists, to provide evidence-based case stories with babies with a range of conditions.

- Extreme Prematurity
- Down Syndrome
- Torticollis *in development



Target Markets / Users

- Neonatal Therapists – Hospital based
- Pediatric Physiotherapists – Private
- Developmental Follow-up Clinics
- Early Intervention Services/Providers

New Market Potential – We believe Daytot products serve as way to establish new relationships with neonatal and pediatric therapists, therefore building life-long customers.



Thank you.

We'd love your feedback.

daytot



**ALLIED
MEDICAL
LIMITED**