

SOLUTIONS FOR NEONATAL
JAUNDICE MANAGEMENT
AND
NEONATAL
DEVELOPMENTAL CARE

SPRING 2024

A close-up photograph of a woman with long brown hair, smiling and holding a newborn baby. The baby is wearing a white onesie. The woman is looking down at the baby with a gentle expression. The background is a soft, out-of-focus light blue and green.

Little Sparrows
Technologies
Big ideas for little babies

Little Sparrows Technologies, Inc.
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bili·hut™

Neonatologist-designed to combine unrivaled efficacy
with developmentally supportive care



ultraportable for easy
set up next to mom in
the hospital or at
home to support
breastfeeding and
bonding during
phototherapy
treatment



a game changing
curved light canopy
provides full-body
multidirectional
illumination and
focuses light away
from the eyes, curing
jaundice rapidly and
safely



a unique bassinet-
style design with a
stable internal
temperature and
no noisy fans offers
a supportive and
stress-free sensory
environment



durable, high-
intensity LEDs are
rated for 50,000
hours of use at the
optimal
wavelength to
breakdown
bilirubin

bili·hut™

emphasizes family-centered care

Featuring a highly effective curved LED light canopy, bili-hut exceeds the American Academy of Pediatrics threshold for high-intensity phototherapy so babies can be kept out of the NICU and remain with their families during inpatient care.

bili-hut is shown with the “perch” bassinet cart adapter, demonstrating setup in the postpartum room



prevents hospital readmissions

Babies diagnosed with jaundice after discharge from birth admission can be treated quickly and comfortably at home to prevent hospital readmission, reduce infection exposure risk and support breastfeeding and bonding.



bili·hut™

SPECIFICATIONS



The bili-hut™ phototherapy system standard package contains one (1) bili-hut phototherapy device and one (1) fully disposable nest/mattress set. Additional nests are sold separately.

PERFORMANCE

Peak irradiance: $56 \mu\text{w}/\text{cm}^2/\text{nm}$
Average irradiance: $47 \mu\text{w}/\text{cm}^2/\text{nm}$
Effective treatment area: 890cm^2 (138 in^2)

LED

Peak wavelength: 450-470 nm
Bandwidth: 430-490 nm
Lifespan: 50,000 hours

ELECTRICAL

120-230 VAC
50/60 Hz

SHIPPING

Flat-packed box
Dimensions (L x W x D) : 80 x 46 x 18 (31.5 x 18 x 7 in)
Weight: 6.8kg (15 lbs)

jaundice screening

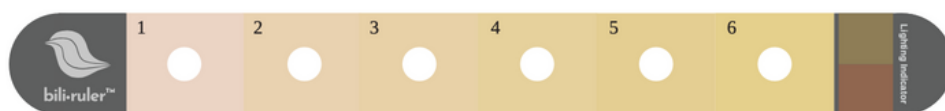


Clinical jaundice affects up to 84% of healthy newborns ≥ 35 weeks' gestation in the first week of life.¹

Unaided visual assessment is unreliable as a screening tool to detect significant neonatal jaundice.²

How do you know which babies are at risk?

the solution is at your fingertips...



1. Keren R, Tremont K, Luan X, Cnaan A. Visual assessment of jaundice in term and late preterm infants. Arch Dis Child Fetal Neonatal Ed. 2009;94(5):F317-F322

2. Riskin A, Tamir A, Kugelman A, Hemo M, Bader D. Is visual assessment of jaundice reliable as a screening tool to detect significant neonatal hyperbilirubinemia? J Pediatr. 2008 Jun;152(6):782-7, 787.

bili·ruler™

clinically validated visual aid for neonatal jaundice screening



bili·ruler™ is simple to use



ordering information

0203A bili-ruler™
individually packaged
25 units/carton

- 1 Place the infant in natural lighting conditions. The Lighting Indicator will appear uniform in color.
- 2 Gently press each of the clear viewing windows in the center of each color block against the tip of the baby's nose to slightly blanch the skin. Compare to the surrounding color swatch.
- 3 Determine the color swatch that matches best and note the number.
- 4 Refer to the table on the protective sleeve to determine the corresponding risk level and assess need for further diagnostic evaluation and treatment.

supporting
developmental care



Our swaddles and wraps are designed by neonatal clinical experts to support comfort and healing during the positioning and handling of newborns.

sparrow swaddle™

mesh front procedural support garment

A see-through mesh front panel features 90% light transmission, enables full view of chest wall and allows for auscultation without removing garment.

Ample leg room allows flexion for healthy hip development



4-way stretch fabric on the back panel and "womb-shaped" design creates developmental boundaries for comfort

A double zipper allows easy access for diaper changes, heel-stick blood sampling, ID band checks, etc.

Newborn wearing sparrow swaddle™ during bili-hut™ phototherapy treatment



feather swaddle™

single use sheer support garment

Ultra-lightweight sheer fabric allows 90% light transmission on both front and back and enables 360° view of infant.

Shoulder snaps and V-neck design make putting on and taking off a breeze.

A simple tie bottom makes access for diaper changes and blood sampling quick and easy. Adjustable for even the longest newborns.

Intended for single patient use, feather swaddle™ is the ideal solution to provide supportive, gentle boundaries during phototherapy and other procedures when laundering is not available for decontamination.

neonatal nurse
designed!

nurture swaddle™

safe sleep support garment for newborns

neonatal nurse
designed!



safe swaddling just got simpler!

- no loose fabric!
- promotes safe sleep
- two-way zipper for easy diaper access
- soft 4-way stretch fabric provides secure boundaries
- gentle compression of upper body calms startle reflex
- ample leg room supports healthy hip development
- customizable with your institution's logo and brand colors

sweet dreams air wrap™

breathable, stretchable cotton swaddle blanket

NEW

Say goodbye to dangerous loose flannel blankets and repeated reswaddling when babies break free!



Finally... a 100% cotton swaddle blanket that stretches!



- stretches and conforms to aid neurodevelopmental positioning
- stays secure
- unique vented fabric helps prevent overheating
- ideal second layer for infants who require double-wrapping for neurostability
- soft, washable and reusable
- available in preemie and term newborn sizes

**COMING
SOON**

bili·hut™

components and accessories



0130A

bili-hut™ neonatal phototherapy system

includes one (1) bili-hut™ phototherapy device, one (1) fully disposable nest/mattress set, power supply, instruction manual, box



0133AFD5

bili-hut™ fully disposable nest & mattress (5-Pack)

shown assembled
individually bagged and sealed

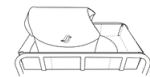


0108A

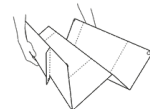
bili-hut™ perch (hospital bassinet stand insert)

provides platform for setup in bassinet stand

assembled dimensions:
28.5 x 15 x 5.5 inches (72.5 x 38 x 13.5 cm)



set up in
bassinet
stand



fold for
storage



0154A

bili-hut™ carrying case

for transport and storage of bili-hut™
phototherapy system

dimensions (excluding handle and shoulder strap):
31.25 x 18.25 x 7.75 inches (79.4 x 46.4 x 19.7 cm)

interior view



top view



developmental care

swaddles and wraps



0301A

sparrow swaddle™

mesh front
washable and reusable
individually packaged and sealed



0302FS

feather swaddle™

fully translucent
recommended for single patient use
individually packaged and sealed



0303NS

nuture swaddle™

individually packaged and sealed
custom colors and branding available



0401TAW

sweet dreams air wrap™- term infant size

40 x 40 inches (100 x 100 cm)

0401PAW

sweet dreams air wrap™- preemie infant size

20 x 20 inches (50 x 50cm)

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