

Lifenest® Sleep System

A breakthrough in neonatal mattress technology

"Life in the NICU is already demanding. Nurses shouldn't have to adapt to new equipment."

J. Bensoussan, MD, PhD - Founder of Ubimed, Inc

Ensuring an infant's comfort and health is an ongoing challenge in neonatal care. The innovative design of the Lifenest® Sleep System makes unprecedented improvements in healthcare for premature and critically ill infants.

Invented by a doctor with the help of nurses, Lifenest addresses some of the most pressing issues simply and brings a cost effective solution to a wide range of challenges.

The unique and ingenious woven cradle offers diverse and essential applications to the NICU setting.

Pressure Ulcers and Positional Plagiocephaly

By placing the baby on a netting area, the contact surface is increased, and thus the pressure reduced. Pressure is redistributed away from the soft spots. This helps to **preserve skin integrity** and prevent **positional Plagiocephaly**.

Phototherapy

Lifenest improves the efficiency of phototherapy treatment by allowing for the first time ever, treatment through the mattress. It raises the infant closer to the light source, maximizes the area affected by light, and allows for a better perfusion in sites at a capillary level. Moreover, Lifenest offers a higher translucence (up to 95%) with the Diamond sheets™.

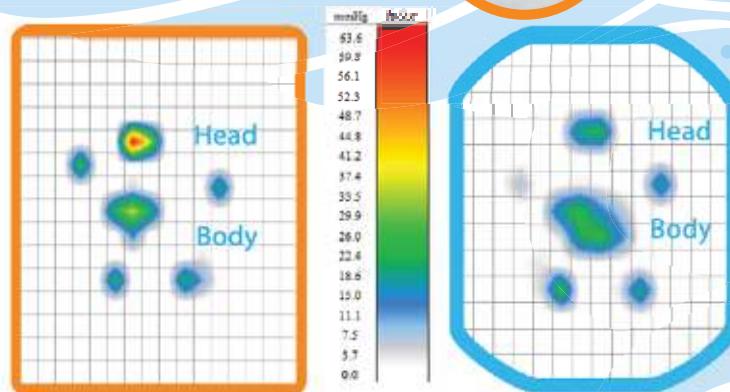
Thermoregulation and Rebreathing

Thanks to the airflow provided by the mattress and the sheet, Lifenest places the infant in a cradled position, suspended in a nest. This helps to maintain skin integrity, but also **disperse any heat excess as well as exhaled gases**. This feature is critical for patients that require phototherapy treatment since they exhale more Carbon Monoxide.

Hospital Acquired Infections (HAIs)

Up to 50% of HAIs are attributed to environmental contamination. Discarding the bed linen is an effective way to help prevent HAIs. Lifenest disposable sheets are ethically priced so you **easily and affordably** raise the level of care provided. The sheets are tailored to the Lifenest, fit on the mattresses you already use and are 100% recyclable.

Model shown above:
HMINC002UBIA



Regular Mattress for Incubator

Weight: 2,600g
Peak Pressure: 63 Hgmm
Duration: 100 minutes

lifenest for Incubator

Weight: 2,600g
Peak Pressure: 27 Hgmm
Duration: 100 minutes

* US Patent, Other US and international Patents pending



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Reference	Dimensions	Max. Weight	Compatible with
	HMINC001UBIA 63x48x6 cm 24.8"x18.9"x2.3"	4.5 kg 10 lbs	GE Giraffe Dräger Caleo
	HMINC002UBIA 75x39.5x6 cm 29.5"x15.5"x2.3"	4.5 kg 10 lbs	Dräger Isolette 8000
	HMINC003UBIA 74x36x6 cm 29.1"x14.2"x2.3"	4.5 kg 10 lbs	ATOM V2100-G ATOM V2200
	HMINC004UBIA 61x40x6 cm 24"x15.7"x2.3"	4.5 kg 10 lbs	NATUS Natal Care LX
	HMINC005UBIA 63.5x35x6 cm 25"x13.8"x2.3"	4.5 kg 10 lbs	NATUS Natal Care PC-305
	HBAS001UBIA 66x31.5x6 cm 26"x12.4"x2.3"	4.5 kg 10 lbs	Most Hospital bassinets
	HSPM004UBIA 85x68x10 cm 33.5"x26.8"x4"	9 kg 20 lbs	Most Hospital Cribs
	HSPM005UBIA 85x59x10 cm 33.5"x23.2"x4"	9 kg 20 lbs	Most Hospital Cribs

Additional Specs.

Mesh component: 100% polyester

Warranty: 1 Year

Standard compliance:

16CFR1632

16CFR1633

UL Greenguard Gold Certified

FDA Listed

CE

For other standard compliance, please contact us.