



JANET T. MILLS  
GOVERNOR

STATE OF MAINE  
DEPARTMENT OF PUBLIC SAFETY  
MAINE EMERGENCY MEDICAL SERVICES  
152 STATE HOUSE STATION  
AUGUSTA, MAINE 04333



MICHAEL SAUSCHUCK  
COMMISSIONER

J. SAM HURLEY  
DIRECTOR

To: Members of the Maine EMS Board  
From: Marc Minkler, Maine EMS-C Program Manager  
Date: December 6, 2023

Ask

The Maine EMS for Children is requesting an expenditure of \$10,000 of funds from the EMS-C budget.

Funding

The Maine EMS-C funds are federal grant funds (Health Resources and Services Administration (HRSA) grant #6-H33MC31622-06-02) and do not represent any state tax funding or source.

Details

As a result of fiscal responsibility and planning, the Maine EMS-C program was under budget for the 2022-2023 grant year and is seeking approval to utilize \$9,201 from carryover funds, and \$799 from the 2023-2024 budget (for a total of \$10,000) to be used to purchase newborn transfer devices, as approved by HRSA. This funding is being matched with \$90,000 from Maine Department of Health and Human Services (DHHS) and the Maine Medical Association-Center for Quality Improvement (MMA-CQI). With this combination of funds, the Maine Medical Association will purchase a Ferno KangooFix Neonatal Transport Device for each Maine based EMS licensed ground transporting service (as of December 6, 2023, totalling 131 devices). Additionally, the Maine EMS-C program, in conjunction with Ferno, will develop training and education (with CEH credit) on the use of these devices on MEMSEd for all clinicians and agencies. Agencies are not required to accept these devices, but must ensure they remain in compliance with Maine EMS Rules and protocols for safe transport of children.

Background

Maine has seen an increase of prehospital transports of newborns. These transports are the result of unplanned home/prehospital births, planned home births with unexpected complications, and a reduction of hospitals with inpatient obstetrical capacity. Maine EMS agencies have been challenged with safe transport of newborn people. In the stable newborn person, effective and safe transport in ground ambulances has not been possible with the ability for EMS clinicians to assess the newborn for medical conditions, maintain warmth, and allow for bonding with mother. Traditional car seats do not allow for this to occur, and are designed for safe transport in personal vehicles, not ambulances. Additionally, pediatric restraint devices designed for EMS use often require a dedicated stretcher during transport. This results in the postpartum maternal person needing to be in a separate ambulance or sitting on a bench or other suboptimal seating arrangement for a postpartum patient. This opportunity is a collaborative between the Maine Department of Health and Human Services and the Maine Bureau of EMS, specifically the Maine EMS for Children (EMS-C) program. The goal of this collaboration is to increase availability of safe transport devices for EMS transport of newborns, allowing for reduction in mortality, increased family centric care and parent-infant bonding, and reduced operational impacts of transport of both the newborn and maternal persons to the appropriate health care destination.

Thank you for the consideration of this request.

- Excellence ● Support ● Collaboration ● Integrity ●

PHONE: (207) 626-3860

TTY: (207) 287-3659

FAX: (207) 287-6251

With offices located at the Central Maine Commerce Center, 45 Commerce Drive, Suite 1, Augusta, ME 04330



# KangooFix™

## Neonatal Restraint System



The **KangooFix Neonatal Restraint System** was developed to safely and effectively cradle and secure a newborn during non-critical ambulance transportation, allowing the baby to travel with their parent.

Not only does this eliminate the need to use two vehicles and crews for transfers, but it also ensures a safer and improved environment for both parent and baby throughout the journey.

- **EN 1789 compliant** for safety
- **Skull cap included** to help maintain baby's body heat
- **Quick release system** allows fast access for EMS professionals
- **"Face-up" mode** enables EMS professionals to quickly monitor newborn



**Safely secures** newborn to parent, maintaining close contact at all times



**Inner harness and warming cover** ensure breathability and comfort



**Material was clinically tested** to guarantee no negative reaction on sensitive baby skin

# KangooFix

## Specifications



ITEM NUMBER	0374906
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LENGTH (MAX)	43.3 in   110 cm
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LENGTH (MIN)	9.8 in   25 cm
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WIDTH (MAX)	36.6 in   93 cm
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WIDTH (MIN)	5 in   13 cm
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HEIGHT (MAX)	1 in   2.4 cm
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HEIGHT (MIN)	1.6 in   .4 cm
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WEIGHT	2.2 lb   1 kg
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WEIGHT CAPACITY (MAX)	11.1 lb   5 kg
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WEIGHT CAPACITY (MIN)	3.5 lb   1.6 kg
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MATERIAL	"Breath-o-prene" Oeko-Tex 100, polyester, metal, and plastic
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## Features

- **5-point outer harness** attaches to the ambulance cot harness
- **Inner harness and heat cover** are sewn in to enable secure fit
- **Snug cocoon design** and integrated skull cap keeps baby warm and secure
- **Close contact** between parent and baby is clinically proven to improve condition of both parent and baby during transfers
- **Lightweight** and easy to store
- **Easy to clean**

## Compliance

The **KangooFix** has been designed to meet international test standards to increase safety for you and your patient.

- EN 1789