

# Troop Elevation Pillow: Instructions for Use and Care

## Description

The Troop Elevation Pillow is a foam positioner specifically designed to improve airway management and safety when anesthesia providers care for obese and morbidly obese patients. This system helps to quickly achieve the Head Elevated Laryngoscopy Position (H.E.L.P) which allows the airway axes to begin to align so that the obese patient can breathe more easily at the time of pre-oxygenation or spontaneously while under regional / local or block technique.

## Use

**Intended Users:** Trained airway management medical providers.

1) Place the Troop Elevation Pillow (TEP) at the head of the O.R. table and cover the TEP with an **impermeable surgical or barrier cover**; (this cover provides added patient comfort and helps to keep the EP clean. The cover is **an infection control feature**.) **Place a standard intubation pillow or foam donut on the upper plateau / top section of the TEP.** The head cradle should be covered with a surgical towel or bouffant surgical cap. Place a sheet ‘cross wise’ *underneath* the Elevation Pillow. If post intubation the patient needs to be moved down the O.R. table (into lithotomy position for example), by lifting with the sheet, the Troop Elevation Pillow & patient can be moved as a unit and the patient remains in the same head elevated laryngoscopy position (H.E.L.P.).

2) Put the O.R. table in ~5-10 degrees ‘back down’ position  
(The patient can then transfer from stretcher to O.R. table on a “level plane”.)

3) The patient’s shoulders should be resting on the upper curve of the **Troop Elevation Pillow.** The patient’s head should rest on the standard intubating pillow at the upper edge of the Troop Elevation Pillow.

4) After the patient is on the O.R. table and resting on the **Troop Elevation Pillow & standard intubating pillow,** adjust the O.R. table ~5-10 degrees ‘back-up’ as needed.

5) ‘Build-up’ the arm boards with foam and / or folded blankets or place the **Elevated (vinyl covered) Arm Board pads (sold separately).**

6) **Place a ‘regular’ hospital pillow under the patient’s knees.**

**CAUTION:** If a steep head down position is planned for the surgery; it is recommended that the Elevation Pillow **be removed** post intubation.

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### **The Troop Elevation Pillow / Set-up Instructions**

*(Designed for use with a standard intubation pillow)*

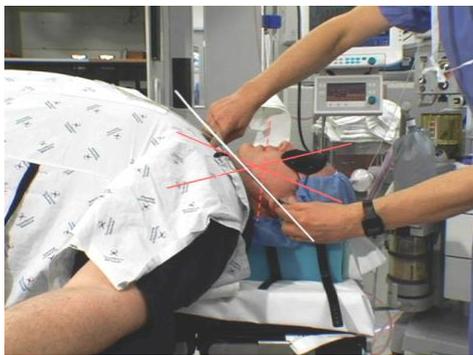
*(Place a 'cross sheet' under the Elevation Pillow (TEP); if needed this will Facilitate moving the patient as a 'unit' with the TEP)*



*(Put the O.R. table in a slight back down position...facilitates patient transfer; post transfer, raise the back up to achieve **the H.E.L.P. position**)*

*(Place a 'regular' pillow under the patient's knees)*

### **Use a Surgical Barrier Cover over the Vinyl Covered Elevation Pillow**



### **Morbidly Obese Patient: from fully supine to the Head Elevated Laryngoscopy Position... (H.E.L.P.)**

*(Watch instructional video at the teaching web site...[www.troopelevationpillow.com](http://www.troopelevationpillow.com)) Rev. January 2019*

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## Care

### Cleaning Instructions:

**Virex, Fantastik or Formula 409** are the recommended cleaning agents for the Troop Elevation Pillow product line. Each positioner must be cleaned after every patient use.

1. Remove the disposable surgical barrier cover from the Troop Elevation Pillow and dispose of as clinical medical waste.
2. Apply the cleaning fluid liberally to the top, sides and underside of the Elevation Pillow and wipe with a clean lint-free cloth. Use a clean cloth dampened with water to remove any cleaning solution. Then use a final clean cloth to remove any remaining residue.
3. Position the Troop Elevation Pillow so that it can thoroughly air dry.
4. Repeat the cleaning procedure for the Head Cradle, Troop Addition, and Arm Board Pads if they are used as well.

A hydrogen peroxide cleaning solution such as Virex may discolor the vinyl or (overtime) change the 'feel' of the vinyl. We do not recommend our product line be machine washed, machine dried, gas sterilized or autoclaved. Our positioners should never be soaked in cleaning solution as it might seriously compromise the integrity of the product.

### Storage and Handling:

The following storage conditions are recommended to maintain the integrity of the Troop Pillow Products such that hardening, softening, cracking or other surface degradation can be avoided:

Heat: The storage temperature should preferably be between 4°C and 25°C. Direct contact with sources of heat should be avoided.

Humidity: The relative humidity in the storeroom should be between 30% and 70%. Very moist or very dry conditions should be avoided.

Light: It is best to avoid exposure to direct sunlight for long periods of time. Our products are designed for use in normal indoor environments.

Do not make contact with sharp edges or any surface that could puncture, tear, cut or pinch the positioner. Handle the positioners carefully to avoid any damage.

### Disposal Procedures:

The Troop Elevation Pillow product line does not consist of any medicinal substances. The vinyl positioners should be disposed as general medical waste. The surgical barrier covers should be disposed of as clinical waste and can either be heat treated or incinerated.

## Construction

Materials used are a vinyl surface with polyester substrate and polyurethane foam.

### Fire Code Compliance:

All materials are compliant with fire code regulations: the State of California Department of Consumer Affairs Technical Bulletin #117-2013 and TB129. This includes all covers and foam fillers. All materials are compliant with The Boston Fire Code Flammability Requirements.

The vinyl covering has antimicrobial protection and is mildew resistant. All materials are anti-static, phthalate free and not made with natural rubber latex.

Revised: March 2021

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## Warranty:

Warranted to be free of defective materials and workmanship at the time of purchase and are serviceable for a period of two years excepting misuse, negligence, abuse or failure to follow the Care and Use Guidelines provided herein. A disposable surgical barrier cover must be used to cover the Troop Elevation Pillow and Addition for protection with every use for the warranty to be valid. Bone Foam, Inc. reserves the right to determine if a pad is repairable and whether or not it has suffered misuse, negligence or abuse. The customer accepts full cost of return shipping charges. Proof of purchase is required for all warranty inquiries. All specific warranty questions and serious incidents should be directed to Bone Foam Inc. in Corcoran, Minnesota: 763-559-1830 and the competent authority of the member state in which the user is established.

Cautions, Warnings and Precautions: To prevent injury, all parts of the Troop Elevation Pillow (TEP) should be placed securely on the hospital bed in use. The user is instructed to place the pre-formed barrier cover or impermeable surgical cover over the TEP. Never wrap the TEP in plastic during patient use. Discontinue use if there are signs of material degradation.



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**Made in the USA**



“Not made with natural rubber latex”

Symbols used on labels:

Symbol	Symbol Ref No.	Title of Symbol	Symbol Description
	5.1.1	Manufacturer	Indicates the medical device manufacturer, as defined in EU MDR 2017/745.
	5.1.2	Authorized representative in the European Community	Indicates the authorized representative in the European Community.
	5.1.3	Date of Manufacture	Indicates the date when the medical device was manufactured.
	5.1.5	Batch code	Indicates the manufacturer's batch code so that the batch or lot can be identified.
	5.1.6	Catalog number	Indicates the manufacturer's catalog number so that the medical device can be identified.
	5.2.7	Non-sterile	Indicates a medical device that has not been subjected to a sterilization process.
	5.3.2	Keep away from sunlight	Indicates a medical device that needs protection from light sources.
	5.3.7	Temperature limit	Indicates the temperature limits to which the medical device can be safely exposed.
	5.3.8	Humidity limitation	Indicates the range of humidity to which the medical device can be safely exposed.
	5.4.3	Consult instructions for use or Consult electronic instructions for use	Indicates the need for the user to consult the instruction for use.
	5.7.7	Medical device	Indicates the item is a <i>medical device</i>