



PNEUMERIC

Know you are in with Capnospot®

The revolutionary Capnospot® Pneumothorax Decompression Indicator is transforming the standard of care in needle decompression. As pneumothorax gas flows through the needle, Capnospot's dark blue colorimetric paper turns bright yellow when it comes in contact with CO₂. Capnospot lets you know you are in the first time, improving decompression rates and reducing wasted procedures and costs⁽¹⁾.



"The Capnospot® color change technology took the guesswork out of needle placement and assured us the procedure remained therapeutic during the last needle thoracostomy I performed. We've needed this device for a long time."

— A. McCourry, Paramedic Supervisor for Heritage EMS (NC)



Prior to Decompression

Clarity

Rather than listening for "an audible gush of air", Capnospot® indicates visually if decompression was successful or not, allowing immediate adjustment of the catheter.



Therapeutic Confirmation

Accuracy

Capnospot® provides objective confirmation of decompression by detecting CO₂ from the pneumothorax and showing an obvious color change to the operator within seconds.

Versatility

Capnospot® is compatible with all decompression devices and is easy to attach with a standard luer fitting. The device is small, lightweight, and compact, and functions in low-light environments.



Winner of the 2023 EMS World Expo Innovation Award, recognizing new devices or modifications that improve the delivery of EMS.



Become a part of the new standard of care for decompression of tension pneumothorax. For more information, visit pneumeric-medical.com or scan here.

The New Standard of Care

Tension Pneumothorax has a 100% fatality rate if not treated immediately and is a leading cause of preventable trauma mortalities. Judging needle decompression success is typically based on hearing a “gush of air” and/or vitals assessment, which is subjective and hard to hear in the field or a noisy ER.

The patented and FDA approved colorimetric Capnospot® device offers a straightforward prehospital-based therapy, enabling healthcare providers to overcome fatalities resulting in fewer failures and deaths in the field.

Clinical Data Supports Use of Capnospot®

Guideline changes published by NAEMSP for prehospital chest decompression for tension pneumothorax in November 2024 states two key points:

- When within scope of practice, EMS clinicians should use needle thoracostomy as the primary strategy for pleural decompression of tension pneumothorax...
- EMS systems must investigate and adopt strategies to confirm successful pleural decompression at the time thoracostomy is performed.

There is only one solution that addresses the NAEMSP recommendations, the Capnospot® Pneumothorax Decompression Indicator.



Important Benefits

- Rapid, accurate and visual indication of correct needle placement removes operator subjectivity, even in low lighting
- Lightweight, portable, real-time confirmatory color change
- Compatible with existing decompression devices, catheters, and needles
- Built in one-way valve
- Cost effective solution reduces the need for multiple needles to ensure success
- Made in the United States

Fast Implementation

We have assembled helpful training tools online to facilitate an effective implementation of the Capnospot® device.

Scan QR code to find Instructions for Use (IFU), Clinical Procedural Guide and other documents, all in one convenient location.

