

# PEG-Clear™

In-patient Tube Clearing Device

Patent Pending

Today's most advanced technology for quick, easy and comfortable clog removal.



*“There is definitely a need for innovative feeding tube cleaners.”*

+ Mark Delegge, MD, FACG, FASGE, CNSP, AGAF

*“Innovative and easy to use”*

+ Janice Penrod, Ph.D., RN, FGSA

*“A lot of time savings, easy to use”*

+ Conclusion from Nursing Focus Group, State College, PA

Actuated Medical, formerly Piezo Resonance Innovations, Inc., has developed the PEG-Clear™ for clearing percutaneous gastrostomy (PEG) tube clogs in 12Fr lumens and greater. The device exhibits a mechanical motion at the tip that chips away the clog while the tube remains in the patient, clearing the tube in a few minutes.

Clogging of PEG tubes is a significant problem in the treatment of critically ill or severely compromised patients. While several approaches exist for clog removal, none are 100% successful, and when they fail, an uncomfortable and expensive process is required to replace the tube. Existing processes for cleaning PEG tubes can be time consuming, even when they succeed. The PEG-Clear™, an activated device, passes into a tube and breaks up food/medication clogs, quickly and reliably, without removing or damaging the tube. The PEG-Clear™ will ease the burden on nursing staff and patients dealing with the frustration of clogged tubes.



- + 50+ nurses and physicians positively reviewed in 6 focus groups
- + Operates in-situ, no need to remove the tube to clear clog
- + Lab testing shows that it clears the tube in minutes restoring patency
- + Cost-savings since no new tube required, therefore, no need for out-patient procedure to replace tube
- + Pending 510(k) not available for sale within the United States

Method	Number of Runs	Number of Runs Unclogged	Average Time to Unclog	Average Cleanliness (1-5; higher = better)
PEG-Clear™	3	3	Less than 1 minute	3.3
Cola	3	2	8.12 minutes	3.0
Screw-Unclogging Device	3	3	2.23 minutes	2.7
Enzyme Treatment	1	1	85 minutes	5.0

\*Model tube used in study had similar inner diameter to a 24Fr PEG tube.

Actuated Medical has involved nursing and physician experts during design and testing phases to ensure that PEG-Clear™ is desired by clinicians, and is reliable and easy to use.



Innovative motion + Positive outcomes

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