

# NG-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”*

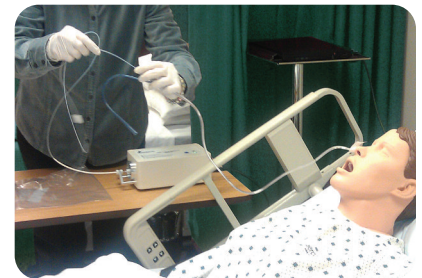
+ Janice Penrod, Ph.D., RN, FGSA

*“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 **NG-Clear™** for clearing nasogastric (NG) tube clogs in 10Fr 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 NG 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 NG tubes can be time consuming, even when they succeed. The **NG-Clear™**, an activated device, passes into a tube and breaks up food/medication clogs, quickly and reliably, without removing or damaging the tube. The **NG-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 x-ray confirmation of replacement tube
- + Two pilot clinical studies are pending
- + Pending 510(k) not available for sale within the United States

Method	Number of Runs	Number of Runs Unclogged	Average Time to Unclog
NG-Clear™	5	5	3 minutes
Warm Water + Cola	5	3	23 minutes
Enzyme Treatment	5	4	84 minutes

Study compared Levin 12 Fr 48 inch long nasogastric tubes with clogs made from 1:1 ratio of feeding formula and fiber.

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



Innovative motion + Positive outcomes

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