



Feeding Tube Clearing System

Quick, easy and effective technology to clear clogged feeding tubes in the patient.



Feeding tubes get clogged. It's as simple as that. With roughly 7 million tubes used worldwide,<sup>1</sup> for feeding and decompression, the clogging rate is approximately 25%.<sup>2</sup> Actuated Medical developed the TubeClear System to help healthcare practitioners rapidly clear feeding tubes without the expense and risk of tube replacement.

### How it Works

The TubeClear System works inside the feeding or decompression tube. Using proprietary mechanical motion, it clears the clog while the tube remains in the patient at bedside. This eliminates the need to remove and replace the clogged tube. The system is effective in clearing medication, feeding formula, ground food, and aspirate clogs.

### The TubeClear System Works in Minutes

#### Using the TubeClear System to Unclog a Nasoenteral Tube

Method	Number of Runs	Number of Runs Unclogged	Average Procedure Time
TubeClear	30	30	2.8 minutes
Warm Water	30	26	42.2 minutes
Enzyme Treatment	30	29	57.1 minutes

Benchtop Study evaluated at AMI with Levin 14 Fr 48 inch long nasoenteral tubes. Half of the occlusions were made from 2:1 ratio of coagulated protein and ground medication. Half of the occlusions were made from 1:1 ratio of feeding formula and fiber.

### Indicated for Use with NE, NG, G, and J Tubes<sup>3</sup>

The TubeClear System consists of a reusable Control Box paired with a single use Clearing Stem. Control Box Model 101 and Clearing Stem Models NE-1036, NE-1042, NE-1043, NE-1045, NE-1048, NE-1050, NE-1055, G-1008, G-1009, G-1010, G-1011, G-1012, and G-1014 are:

- + FDA Cleared and CE Marked for clearing occlusions / clogs in Feeding and Decompression Tubes in adult patients that have a Tube size of 10 to 18 Fr.

***“ This is one of the best devices to come out in a long time to allow critical care nurses to do what they do best... care for their patients! ”***

+ Marcia Belcher, MSN, BBA, RN, CCRN-CSC, CCNS

***“ TubeClear has been a great tool. We used to spend exorbitant amounts of time trying to clear clogged tubes, we now can clear them in a minute or two. Easy, intuitive and functional – the perfect combination. ”***

+ Jim Mercer, RN, BSN

### Key Advantages

- + Works at bedside.
- + Reduces interruptions to feeding and medication regimens.
- + Reduces painful tube replacements<sup>4</sup> and potential re-hospitalizations.
- + Billing codes B4034, B4035, and B4036 applicable.
- + Potential savings of time and money – see our ROI Calculator at [TubeClear.com/ROI](http://TubeClear.com/ROI).



Rx ONLY



FDA Clearance #: K131052, K123659, K121571

## The TubeClear System Clearing Stem Models

### Nasoenteral and Nasogastric Tubes

French Size (Fr)	Tube Length (cm)	Tube Length (in)	Model #	Stem Color
10 - 18	91	36	NE-1036	Yellow
10 - 18	107	42	NE-1042	Grey
10 - 18	109	43	NE-1043	Purple
10 - 18	114	45	NE-1045	Orange
10 - 18	122	48	NE-1048	Clear
10 - 18	127	50	NE-1050	Blue
10 - 18	140	55	NE-1055	Green

**NE MODEL CLEARING STEMS HAVE WHITE HAND GRIPS AND STEM LABELS**

### Gastrostomy and Jejunostomy Tubes

French Size (Fr)	Tube Length (cm)	Tube Length (in)	Model #	Stem Color
10-18	20	8	G-1008	Yellow
10-18	23	9	G-1009	Grey
10-18	25	10	G-1010	Purple
10-18	28	11	G-1011	Orange
10-18	30	12	G-1012	Clear
10-18	36	14	G-1014	Blue

**G MODEL CLEARING STEMS HAVE BLACK HAND GRIPS AND STEM LABELS**

**EXAMPLE:** If the Patient has a Nasoenteral tube, 12 Fr, 109 cm (43 in) long, select Model Number NE-1043 (Purple). If the Patient has a Gastrostomy tube, 16 Fr, 23 cm (9 in) long select Model Number G-1009 (Grey). If the Patient has a Jejunostomy tube, 14 Fr, 30 cm (12 in) long, select Model Number G-1012 (Clear).

## HealthCare Savings from the TubeClear System

- + No x-ray or surgical intervention.
- + Patient remains in home or facility, works at bedside.
- + Nutrition and/or medication restored quickly.
- + Healthcare practitioners stay focused on patient care, not hardware issues.

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## Fast Facts

### Control Box

- + Control Box is a reusable device.
- + Model 101 runs on 110 - 240 V AC power.

### Clearing Stems

- + Multiple Models for most NE, NG, G, and J tube sizes.
- + Stems are single use devices.
- + Rounded and flexible tips minimize risk of tube damage.
- + Stems are color-coded for easy selection.
- + Collars on Stems serve to limit insertion depth of the Stem.
- + Labeling shows model number and selection criteria.

1. Botoman VA, Kirtland SH, Moss RL. A randomized study of a pH sensor feeding tube vs a standard feeding tube in patients requiring enteral nutrition. *JPEN J Parenter Enteral Nutr.* 1994;18(2):154-158.

2. L.M. Lord, NP, MS, CNSN, "Maintaining Hydration and Tube Patency in Enteral Tube Feedings", *Safe Practices in Patient Care*, Saxe Communications, 2012.

3. Nasoenteral (NE), Nasogastric (NG), Gastrostomy (G), and Jejunostomy (J) feeding and decompression tubes.

4. M. Farrington, D. Bruene, M. Wagner, "Pain Management Prior to Nasogastric Tube Placement: Atomized Lidocaine", *ORL - Head and Neck Nursing*, 2015 Winter; 33(1): 8-16.

