



MEDIWOOD CO.,LTD

GATE STENT



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A smaller version of the MediWood GATE logo, consisting of a stylized green and blue flower-like icon.

INTRODUCTION

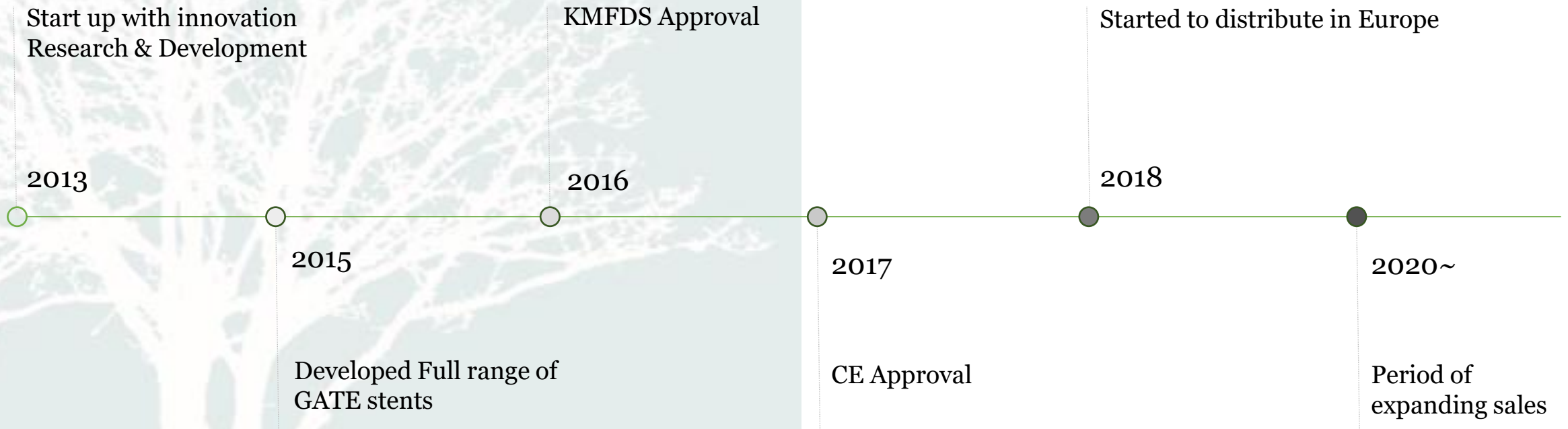
Mediwood was founded in 2013 upon the knowledge and scientific developments. Since then, Mediwood has been developing unique non-vascular stent, GATE STENT.

Mediwood started business abroad after obtaining product qualification certificates in Europe. And we are continuously expanding our business around the world.

Our objective is to create bright lives for people today and generations to come. Mediwood will always continue to deliver qualified and innovative products to patients.



HISTORY



PRODUCTS





NON-VASCULAR STENT

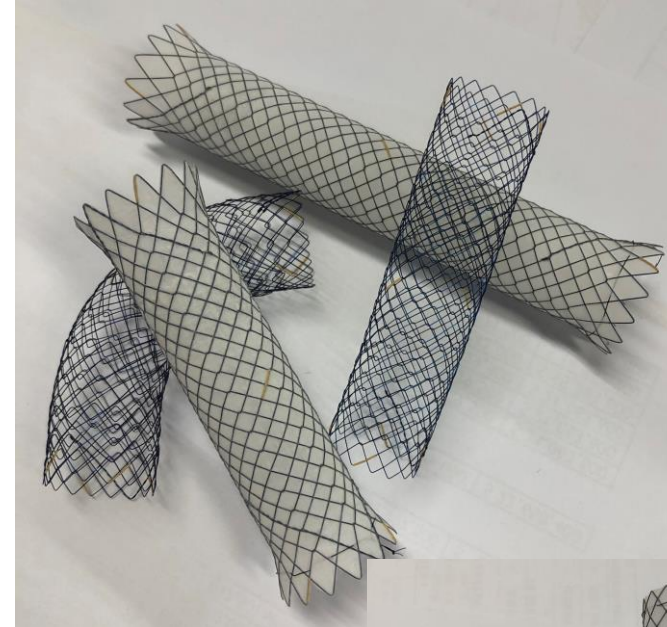
*GATE is a brand of Mediwood.

This stent is used as a palliative treatment for stenosis caused by benign & malignant tumors.

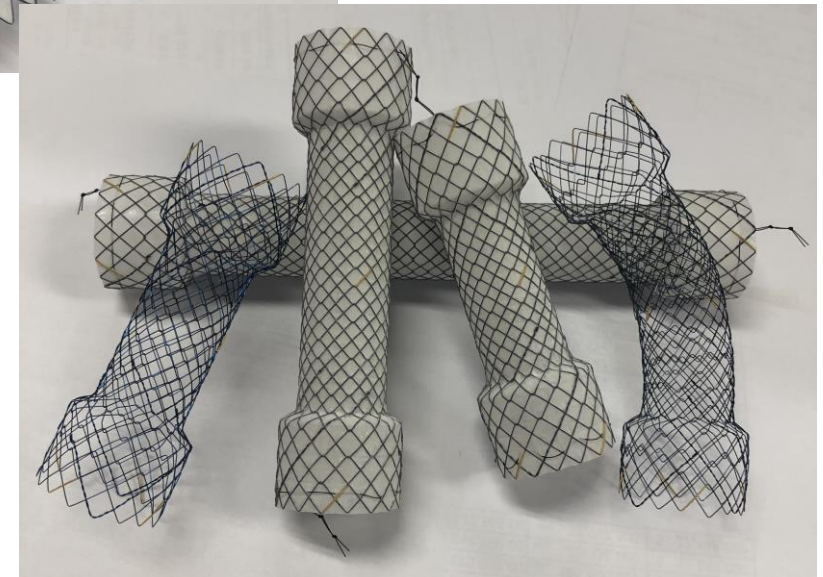
- GATE Biliary Stent
- GATE Duodenal / Pyloric
- GATE Colon / Rectal Stent
- GATE Esophageal Stent

* Type: Covered & Uncovered

* Proximal & Distal type: Flare & Straight



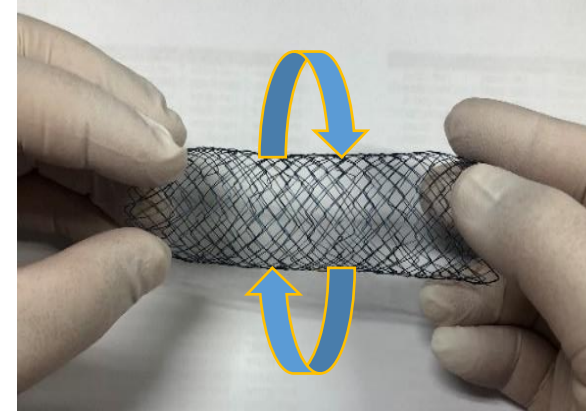
- Biliary Stent
- Duodenal/Pyloric Stent
- Colon/Rectal stent



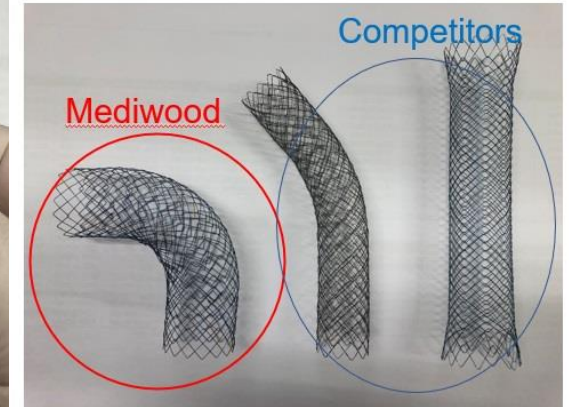
- Esophageal Stent

FEATURES

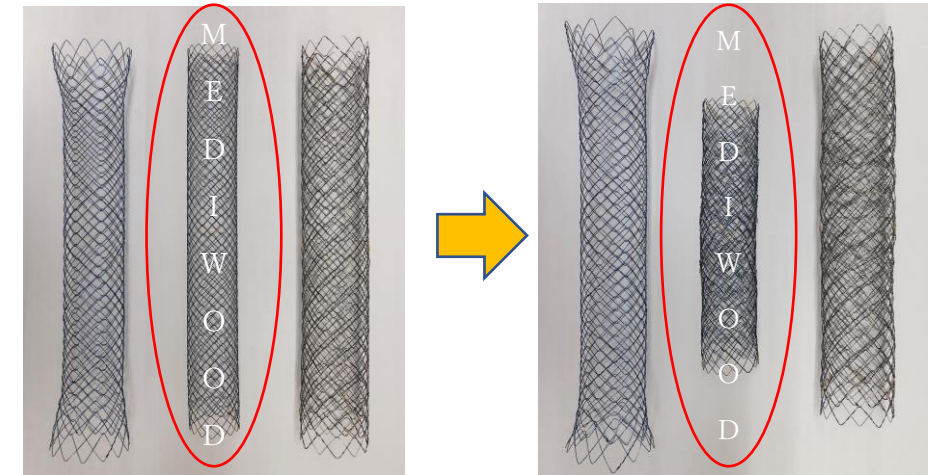
1. The special structure of the gate stent allows the stent to move in both directions. This increases flexibility and compliance.
2. With high anatomical compliance and excellent flexibility, it is suitable for areas with a lot of peristalsis and the stent damage caused by peristalsis is less.
3. Low axial force makes less pain and less irritation.
4. Small cell size and silicone cover minimize the internal growth of tumors and tissues.



The weave rotates in both planes in different directions



Axial force

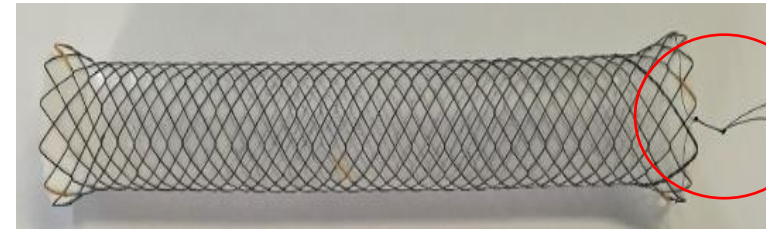


Suitable for areas with a lot of peristalsis

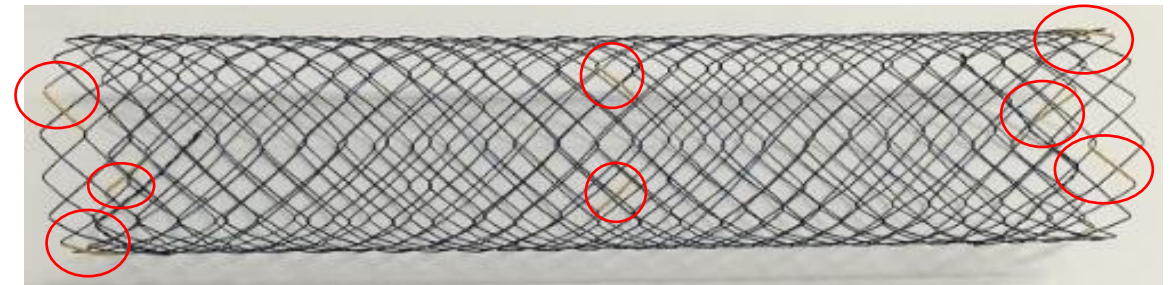


FEATURES

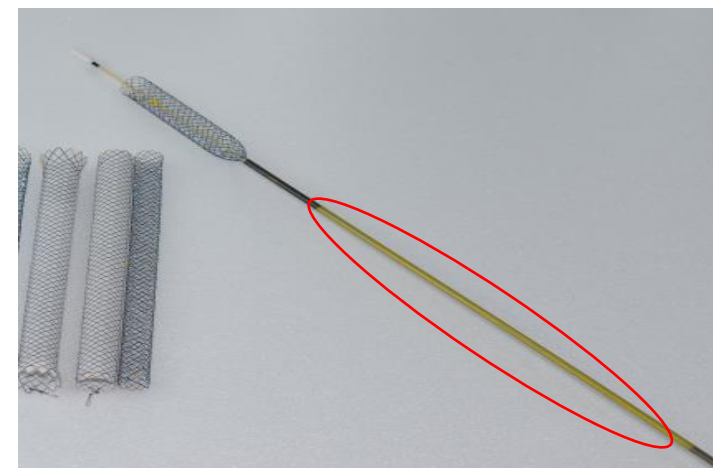
5. The risk of stent migration is minimized by making both ends of the stent in a flare (skirt) type.
6. The high radial force helps to secure the lumen even in the bent or severely narrowed area.
7. By attaching a radiopaque marker, it can be checked on a fluoroscope.
8. Lasso is used on the stent distal to facilitate stent removal.
9. The yellow marker of the delivery system is designed to increase the accuracy of stent placement and can be checked with an endoscope.



Lasso on distal



radiopaque marker

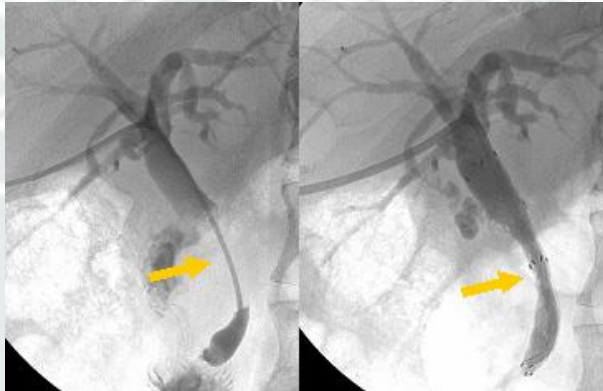


yellow marker



FEATURES

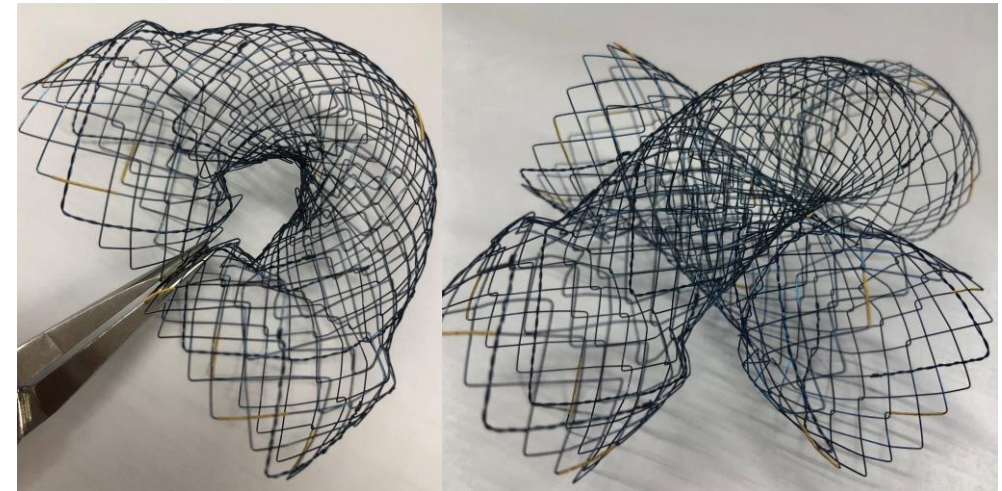
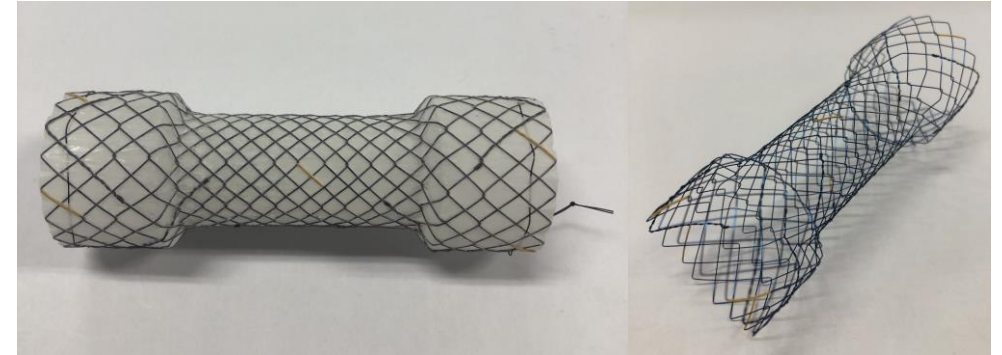
- 9. The Dumbbell shape of the esophageal stent reduces foreign body sensation and prevents stent movement.
- 10. The esophageal stent uses a lasso at both ends to facilitate the removal of the stent through the inside-out method.



Biliary Stent




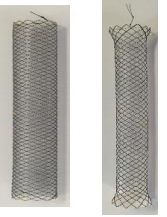






Esophageal Stent



Esophageal Stent



REFERENCE

	Delivery Diameter(Fr)	Delivery Length(mm)	Stent Diameter(mm)	Stent Length(cm)	Type	Straight/Flare	Flare Diameter	Flare Length	Uncovered (Straight)	Covered (Flared) * Biliary(Straight & Flared)
Biliary	8(Braided)	500(Per) 1800	8	4~12 (Incl. Flare length)	Uncovered	Straight	Body diameter + 4mm	1.4cm (7mm + 7mm)		
				4~12 (Incl. Flare length)	Covered	Straight/Flare				
			10	4~12 (Incl. Flare length)	Uncovered	Straight				
				4~12 (Incl. Flare length)	Covered	Straight/Flare				
			12	4~12 (Incl. Flare length)	Uncovered	Straight				
				N/A	Covered	N/A				
Pyloric-Duodenal	10(Braided)	1200 1800 2200	16	4~12 (Incl. Flare length)	Uncovered	Straight	Body diameter + 6mm	1.6cm (8mm + 8mm)		
				4~12 (Incl. Flare length)	Covered	Flare				
			18	4~12 (Incl. Flare length)	Uncovered	Straight				
				4~12 (Incl. Flare length)	Covered	Flare				
			20	4~12 (Incl. Flare length)	Uncovered	Straight				
				4~12 (Incl. Flare length)	Covered	Flare				
			22	4~12 (Incl. Flare length)	Uncovered	Straight				
				N/A	Covered	N/A				
Colon-Rectal	10(Braided)	700 2200	18	4~12 (Incl. Flare length)	Uncovered	Straight	Body diameter+ 6mm	1.6cm (8mm + 8mm)		
				4~12 (Incl. Flare length)	Covered	Flare				
			20	4~12 (Incl. Flare length)	Uncovered	Straight				
				4~12 (Incl. Flare length)	Covered	Flare				
			22	4~12 (Incl. Flare length)	Uncovered	Straight				
				N/A	Covered	N/A				
Esophageal	18(Teflon)	700	18	4~12 (excl. Flare length)	Uncovered	Flare	Body diameter + 8mm	4cm (2cm+2cm)		
				4~12 (excl. Flare length)	Covered	Flare				
			20	4~12 (excl. Flare length)	Uncovered	Flare				
				4~12 (excl. Flare length)	Covered	Flare				
			22	4~12 (excl. Flare length)	Uncovered	Flare				
				4~12 (excl. Flare length)	Covered	Flare				



THANK YOU

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