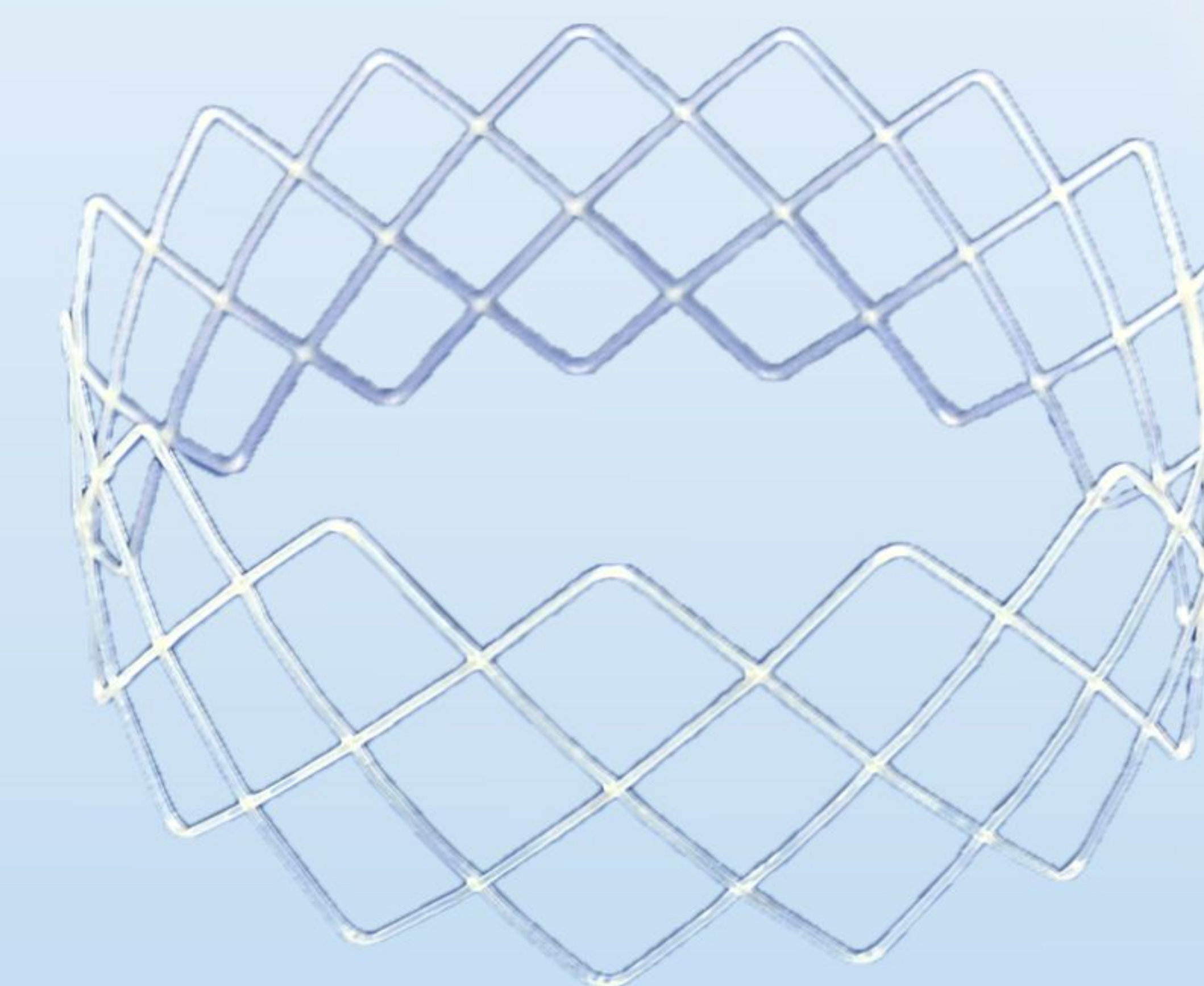




Innovative • Efficient • Professional • Honest



Fully degradable steroid-eluting sinus implants system



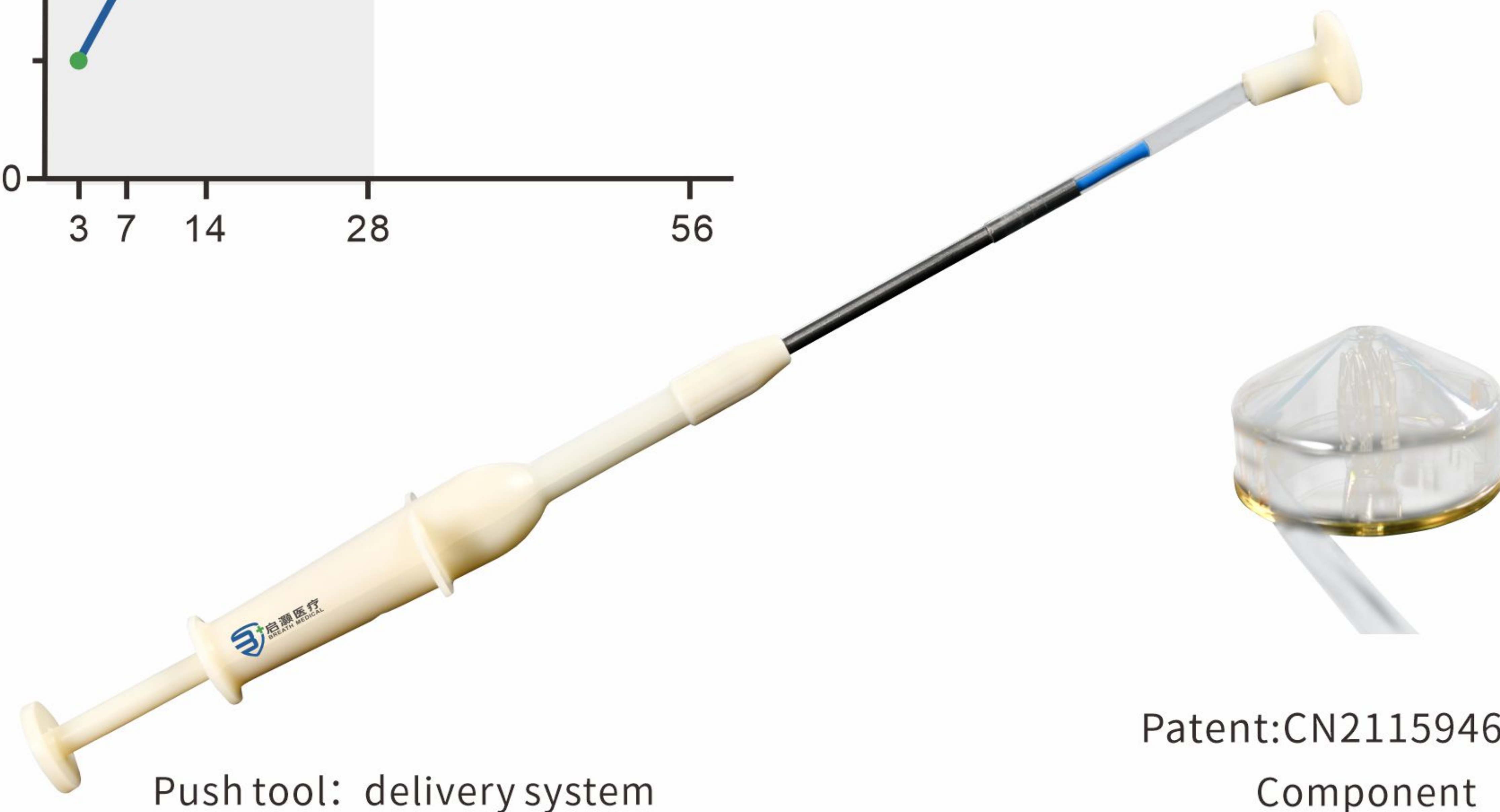
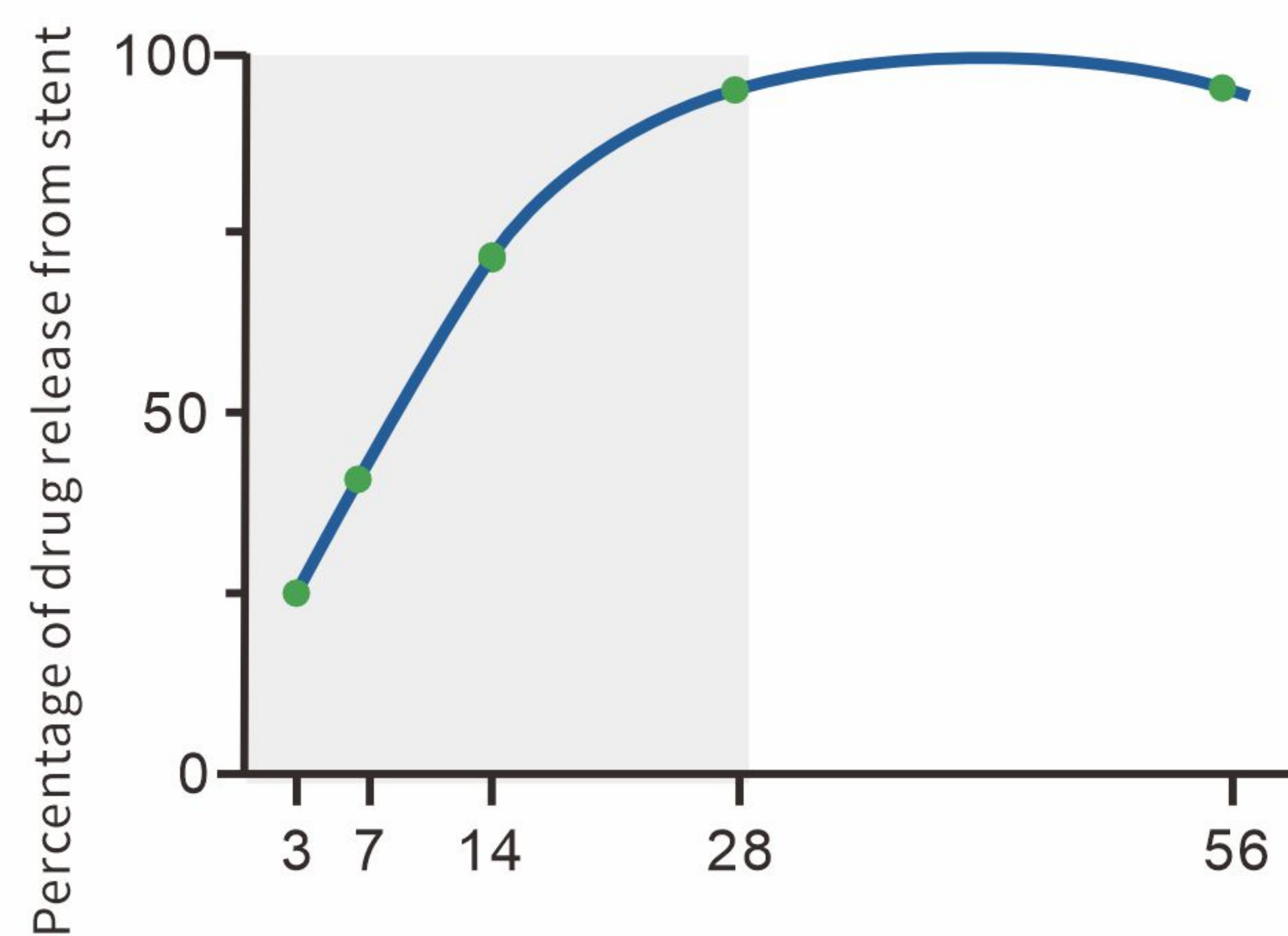
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Joint Laboratory
Established by Lanzhou Institute of Chemical Physics and Breath Medical

为每一次舒畅呼吸
For Every Breath You Take

Fully degradable steroid-eluting sinus implants system

- ▶ Patented compression and grip box. Convenient operation. Patented box design makes operation more convenient.
- ▶ Coated with a formulation containing 650µg mometasone furoate that is gradually released over 30 days.
- ▶ Newly formulated materials provide support performance for more than 28 days.



Push tool: delivery system

Patent:CN211594618U
Component

Specifications and models

Product model number	Diameter (mm)	Length (mm)	Angle
BMS014217DS01	42	17	10°
BMS014217DS03	42	17	70°
BMS014213DS01	42	13	10°
BMS014213DS03	42	13	70°
BMS013515DS01	35	15	10°
BMS013515DS02	35	15	45°
BMS013515DS04	35	15	110°
BMS013015DS01	30	15	10°
BMS013015DS02	30	15	45°
BMS013015DS04	30	15	110°
BMS012515DS01	25	15	10°
BMS012515DS03	25	15	70°
BMS012515DS04	25	15	110°

Application

- ◆ This product is suitable for chronic sinusitis. It is mainly used for preventing adhesions after functional endoscopic sinus surgery (FESS), maintaining nasal patency, and reducing inflammation.

Clinical guidelines

- ◆ In 2018, the Chinese COPS guidelines recommended localized treatment for cases where there is localized edema or polyp recurrence in the sinus mucosa, especially in the frontal recess... Treatments include the placement of sustained-release glucocorticoid drugs in the sinus cavity.
- ◆ The European Position Paper on Rhinosinusitis and Nasal Polyps 2020: The placement of corticosteroid-eluting sinus implants in the ethmoid of patients with recurrent polyposis after sinus surgery has a significant but small (0.3 on a 0-3 scale) impact on nasal obstruction but significantly reduces the need for surgery and reduces nasal polyp score. Based on the moderate to high quality of the evidence the steering group considered the use of corticosteroid-eluting sinus implants in the ethmoid an option (Level of evidence 1a) .

Clinical study result

Provide longer radial support for the nasal cavity.

One month after surgery

Item	Indicator	Experimental group			Control group		
		Left sinus	Right sinus	Total	Left sinus	Right sinus	Total
Degradation of the stent	N(Missing)	85(5)	85(5)	170(10)	84(4)	84(4)	168(8)
	Completely degraded	27	21	48	47	48	95
	Partial degraded	55	60	115	37	35	72
	No significant degradation observed. Other situations	3	4	7	0	1	1
		0	0	0	0	0	0

A chi-square test was conducted on the degradation status of all implanted stents in two groups of subjects at one month post-surgery. The test value was 29.824, $P < 0.001$, indicating a statistically significant difference. In the experimental group, the number of complete degradations was less than that in the control group when evaluated in one month, suggesting that the experimental group's stents provide endure and effective radial support in the nasal cavity.

Operation method

