



# RENÚ<sup>®</sup>

## VOICE

**Calcium Hydroxylapatite (CaHA)**

*for long term management of  
vocal fold insufficiency*

## GEL

**Sodium Carboxymethylcellulose (Na-CMC)**

*for short term management of  
vocal fold insufficiency*

RENÚ Voice and RENÚ Gel provide  
greater value and cost-effectiveness  
compared to other injectables.<sup>1</sup>

***The power of voice!***

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TECHNOLOGIES<sup>®</sup>

# Your Lower Cost, Higher Volume Option



## The choice for long- or short-term augmentation

RENÚ Voice is for long-term augmentation:

- A buffered hydrogel with synthetic, proven-biocompatible calcium hydroxylapatite (CaHA) particles 25 to 45 microns in size for consistent and easy injection.<sup>1</sup>

RENÚ Gel is for short-term augmentation:

- A buffered hydrogel of sodium carboxymethylcellulose<sup>2</sup> (Na-CMC) and glycerin.
- Resorbs slowly *in vivo*, providing a scaffold for local tissue infiltration.<sup>3</sup>

## Higher volume, less waste

Both RENÚ Voice and RENÚ Gel provide a greater volume of material than competitive products: 1.5 cc vs. 1.0 cc.<sup>1</sup> The greater volume:

- Helps eliminate waste and inconvenience.
- Reduces the added cost of opening additional syringes.

## Convenience and comfort at your fingertips

RENÚ Voice and RENÚ Gel are provided in sterile, ready-to-use 1.5 cc syringes with ergonomic finger grips and a 2-year shelf life.

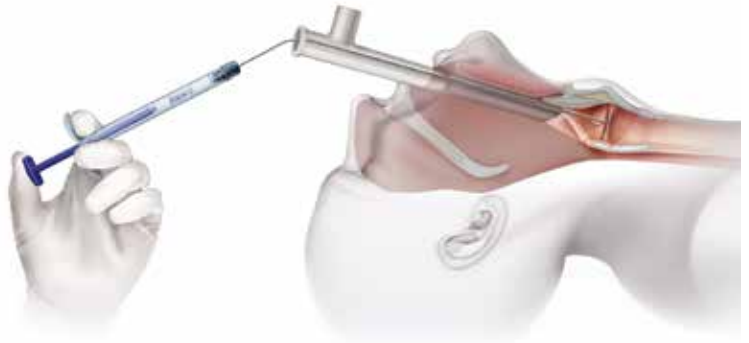
Inject RENÚ Voice or RENÚ Gel percutaneously with a needle of your choice or with the RENÚ Double-Bevel, Transoral Needle, supplied separately.<sup>3,4</sup>

## INJECTION OPTIONS:

Procedures completed by a healthcare professional

### Operating Room (OR) Trans-Oral Injection

- Visualization via direct laryngoscopy or micro-laryngoscopy



Operating Room Trans-Oral Injection

### Office Based Trans-Oral Injection

- Topical anesthesia
- Attach appropriate needle to RENÚ
- Prime needle with RENÚ (dead volume equals  $\approx 0.28\text{cc}$ )



Office Based Trans-Oral Calcium Hydroxylapatite (CaHA)

### Office Based Percutaneous Injections



Cricothyroid Cartilage approach



Thyroid Cartilage approach



Thyroid approach

# RENÚ<sup>®</sup>:VOICE RENÚ<sup>®</sup>:GEL

RENÚ Voice is FDA-cleared and CE-marked for injectable VFI augmentation applications.

RENÚ Gel is FDA-cleared for injectable VFI augmentation applications.<sup>1</sup>



## Support from a trusted global leader

RENÚ Voice and RENÚ Gel are backed with comprehensive support from InHealth Technologies, a global leader.

REF	Description	Rx
08-015-00-V04	RENÚ Gel Hydrogel Implant, 1.5cc	■
08-015-04-V04	RENÚ Voice Calcium Hydroxylapatite Implant, 1.5cc	■
08-015-04-VOI	RENÚ Voice Calcium Hydroxylapatite Implant, 1.5cc, CE	■
12-000-00-ND1	RENÚ Transoral Needle, 24 gauge needle tip, 9.8 inches long, 16 gauge shaft	■

*These products are restricted to sale or use by a licensed professional only.*

For more information or to order RENÚ Voice and RENÚ Gel, call InHealth Technologies at **800.477.5969, +1.805.684.9337** or visit [www.inhealth.com](http://www.inhealth.com).

Billing Code	Description	Rx
31570	Direct laryngoscopy with injection (office and OR)	■
31571	Micro-laryngoscopy with injection (OR only) (microscopic or telescopic)	■
31574	Laryngoscopy, flexible; with injection(s) for augmentation	■
31575	Laryngoscopy, flexible; diagnostic	■
31579	Laryngoscopy, flexible or rigid telescopic, with stroboscopy	■
31599	Flexible laryngoscopy with injection (trans-oral or percutaneous)	■
L8607	Injectable bulking agent for vocal cord medialization, 0.1 cc	■

Source: FindACode.com 12.3.19

### References:

1. Data on file, InHealth Technologies.
2. Mallur PS, et al. Safety and efficacy of carboxymethylcellulose in the treatment of glottic insufficiency. *The Laryngoscope*. 2012;122:322–326. <https://doi.org/10.1002/lary.21930>.
3. Hughes RGM, Morrison M. Vocal cord medialization by transcatheter injection of calcium hydroxylapatite. *Journal of Voice*. 2005;19(4):674-678.
4. Carroll TL, Rosen CA. Long-term results of calcium hydroxylapatite for vocal fold augmentation. *The Laryngoscope*. 2011;121:313–319.

## Important safety information

RENÚ<sup>®</sup> Voice is indicated for vocal fold medialization and vocal fold insufficiency that may be improved by injection of a soft tissue-bulking agent. RENÚ<sup>®</sup> Voice injection augments the size of the displaced or deformed vocal fold so that it may meet the opposing vocal fold at the midline for improved phonation. Vocal fold insufficiency associated with serious aspiration difficulty may be an urgent indication.

RENÚ<sup>®</sup> Gel is indicated for vocal fold medialization and vocal fold insufficiency that may be improved by injection of a soft tissue-bulking agent. RENÚ<sup>®</sup> Gel injection augments the size of the displaced or deformed vocal fold so that it may meet the opposing vocal fold at the midline for improved phonation. Vocal fold insufficiency associated with serious aspiration difficulty may be an urgent indication.

After injection of RENÚ<sup>®</sup> Voice or RENÚ<sup>®</sup> Gel, patients may experience transient throat soreness, bruising, swelling, or other local side effects. More rare side effects may include over-injection or under-injection that may require repeated intervention. As with any injection, there may be a risk of infection.

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