

***dami* 达米医疗**

**Focus on the most reliable and comfortable airway  
products**

Dami Medical Technical Technology Co.,Ltd.

## **Who are we ?**

With 30 independent intellectual properties, Dami Medical, a national high-tech enterprise and a State-owned Assets Supervision and Administration Commission fund participating enterprise, is a leader in China's intelligent airway industry.

Our main innovated products includes: anesthesia mask, oxygen mask, laryngeal mask airway, bite block, oropharyngeal airway, and more new type products will be on markets within one year.

Dami Medical has established the Flexible Biosensors Technology Center jointly with Zhongke Institute of Emergency Technology, National Laboratory of Flexible Electronics and Research Institute of Soft Matters and Biomimetics of Xiamen University.

Dami Medical has provided a number of airway products for hundreds of hospitals above grade in China since it' s established in 2016. Our mission is to build the world's leading innovative airway platform and incorporate the latest technological designs and processes in order to produce the most reliable and comfortable innovative airway products for doctors and patients persistently.

As the first innovative airway transformation platform in China, Dami Medical won a prize in the MedEngin Medical Entrepreneurship and Innovation Competition which jointly held by the Chinese Academy of Medical sciences and the Chinese Society of Biomedical Engineering, and participated in the national finals of the sixth China Innovation and Entrepreneurship Competition on behalf of Anhui province after winning the third prize in Anhui region. The founder of Dami Medical has also been selected into the talent center of the Ministry of Science and Technology of China.



## *Our core team*



**Wu Zhou**  
CEO

15 years of management experience in medical industry of state-owned enterprises and foreign enterprises. 2007-2015, Partner of Tibet pharmaceutical industry; 2004-06, Sales Manager of AstraZeneca.



**Xia Ming**  
CTO

16 years working experience in surgery and anesthesiology; Owned over 100 patents; Sci. & Tech innovation and entrepreneurship talents of talent center of China Ministry of Sci. & Tech; Member of the third Executive Committee of China cardiovascular doctors Innovation Club (CCI);



**Qian Junchao**  
Artificial intelligence  
scientist

PhD in Biophysics, Chinese Academy of Sciences; Researcher of Hefei Center for Medical Physics and Technology, Chinese Academy of Sciences; presided over more than 10 National Natural Science Foundations, National Key R&D Programs, etc.



**Chai Xiaoqing**  
Chief medical expert

Director of the Department of Anesthesiology at the First Affiliated Hospital of University of Science and Technology of China; Chairman of Anhui Society of Anesthesiology; Director of Anesthesia Quality Control Center; Member of American Association of Anesthesiologists (ASA).

## Anesthesia Mask



High quality soft air cushion, fit the face, close tightly, effectively avoid air leakage and avoid the indentation on the face

The water drop shaped mask conforms to the contour of human face; The facial fitting effect has been improved for the patients with missing teeth, elderly cheek depression, obesity and other patients

The U-shaped groove and convex groove are convenient for fingers to grasp; Easy to operate with one hand, effectively avoid finger fatigue caused by long time holding



U-shaped groove and convex groove



“EC” hold method



“Finger buckle” method

● First aid, respiratory and other departments

● Critical care department

● Anesthesiology department

## **A new generation oxygen mask**



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**Multi-function oxygen mask**

**All round protect for medical workers**

**More comfortable for patients**

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There is an opening with a flap design in the middle can be used for painless diagnosis and treatment, intubation and other operations

Both sides are designed with carbon dioxide outlet and filter element, which can effectively prevent droplet and aerosol spreading

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### **Application:**

- ① Anesthesia recovery room
- ② Endoscopy center
- ③ Infection, ICU, respiratory and other departments

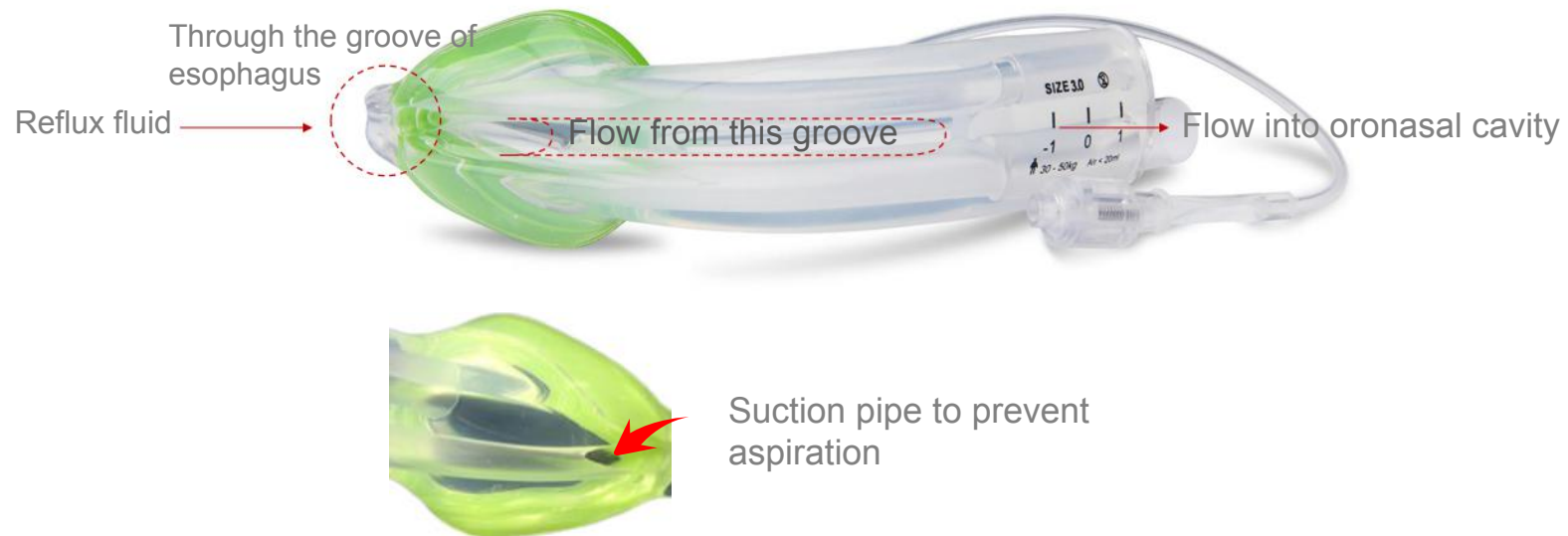
## Double tube multi-channel laryngeal mask



New type double tube multi-channel, more safety, more comfortable

It is made by medical polymer material with soft texture, super smooth treatment and little damage to oropharyngeal soft tissue

It has grooves to avoid stimulating the nerve densely distributed area of uvula and central sulcus of tongue and improve the comfort of patients



Double tube

Ventilation tube  
Reflux attract tube

Multi-channel

Channel for ventilation  
Channel for reflux discharge  
Channel for attract the reflux to oronasal cavity.

## Bite mouth



### Multi-function Type

#### Characteristic:



Tracheal cannula protection groove: Fix and protect the tracheal cannula

Tube fixed cylinder: The tracheal cannula can be wound on the cylinder to be fixed

Lip protection sheet: Adhesive tape can be pasted on it to protect lips

Tooth support: The upper and lower teeth are embedded in the tooth support to prevent sliding out.



### Smart Type

#### Characteristic:



Tube protection groove: fix and protect the endotracheal tube

Tube fixed cylinder: the endotracheal tube can be wound on the cylinder to be fixed

Natural bending radius: fit inside the mouth, easy to use

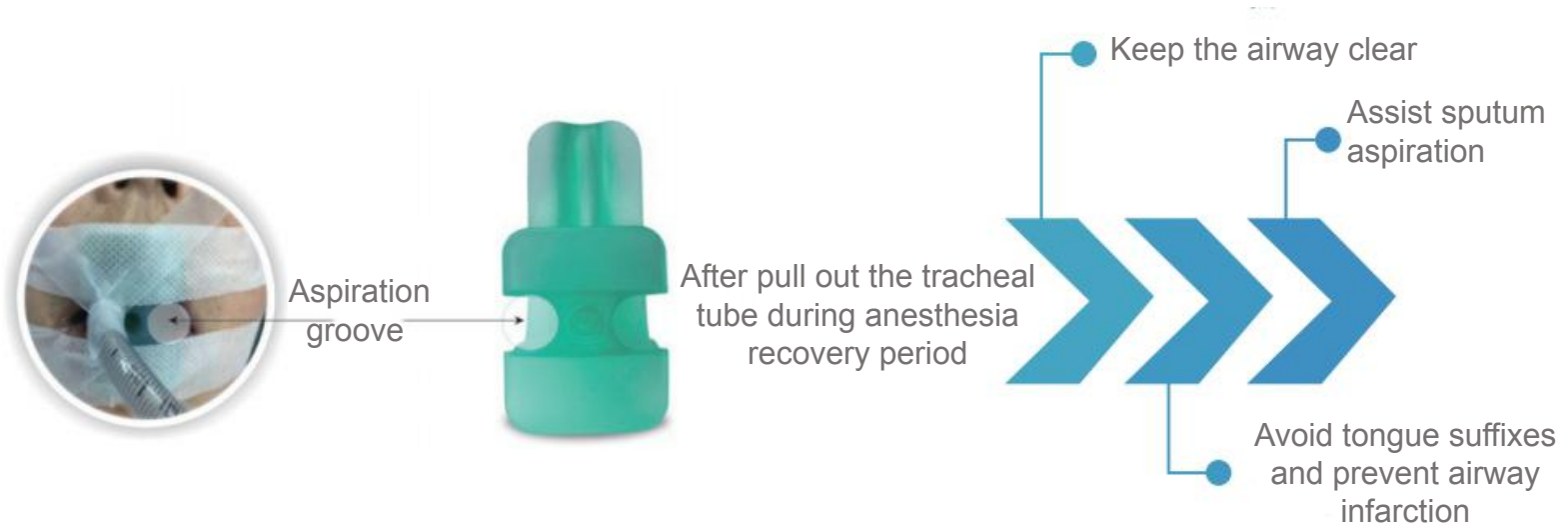
Groove: avoid the nerve dense area of mouth and tongue, less irritation, more comfortable

Medical elastic material, soft texture, super smooth surface treatment



More comfortable, Less damage to oral soft tissue

**Weak stimulus oropharyngeal airway**



- Medical elastic material, soft texture
- The surface is super smooth to reduce the damage of oropharyngeal soft tissue
- The uvula and the central region of the tongue are elevated
- Avoid the dense area of nerve endings
- It reduces the stimulation and improves the comfort

**n 1**

Anesthesia induction period

Assist aspiration

**n 2**

Anesthesia maintenance period

Fix and protect the endotracheal tube

**n 3**

Recovery period

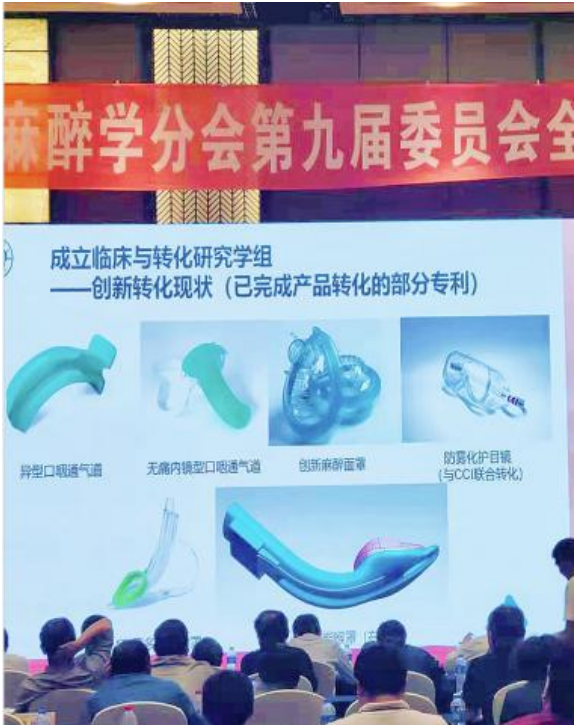
Prevent tongue suffixes, assist to sputum

Our Honor

- In 2017, Won the third prize of the growth group of the Sixth China Innovation and entrepreneurship competition in Anhui Province
- In 2018, Recognized as a national high-tech enterprise.
- In 2019, Won the third prize of Anhui Province for scientific and technological progress in the "Application of supraglottic airway management tools in comfort and precision medicine"
- In 2021, The project of "intelligent laryngeal mask based on flexible pH sensing technology" won the first prize in the final of the first health innovation competition sponsored by Chinese Academy of Medical Sciences.



In Anhui medical association anesthesiology branch, our airway products have been solemnly recommended



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*More than 200 hospitals adopt our products*

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