

Smart Self-Expandable Airway Stent

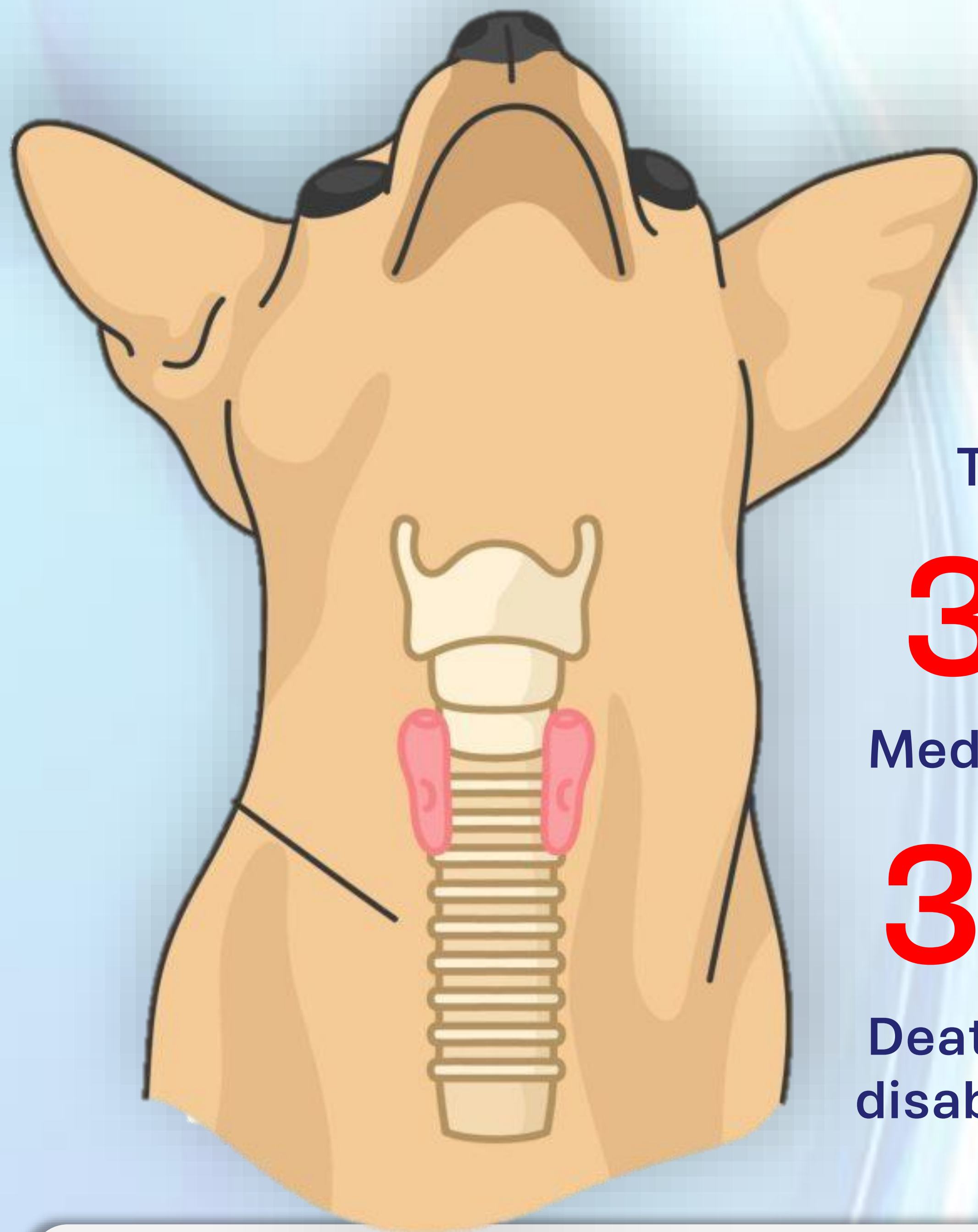
A Breakthrough Solution for Canine Tracheal Collapse

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PAIN POINT



1-5%

Prevalent of
Tracheal Collapse

30%

Medicine Ineffective

35%

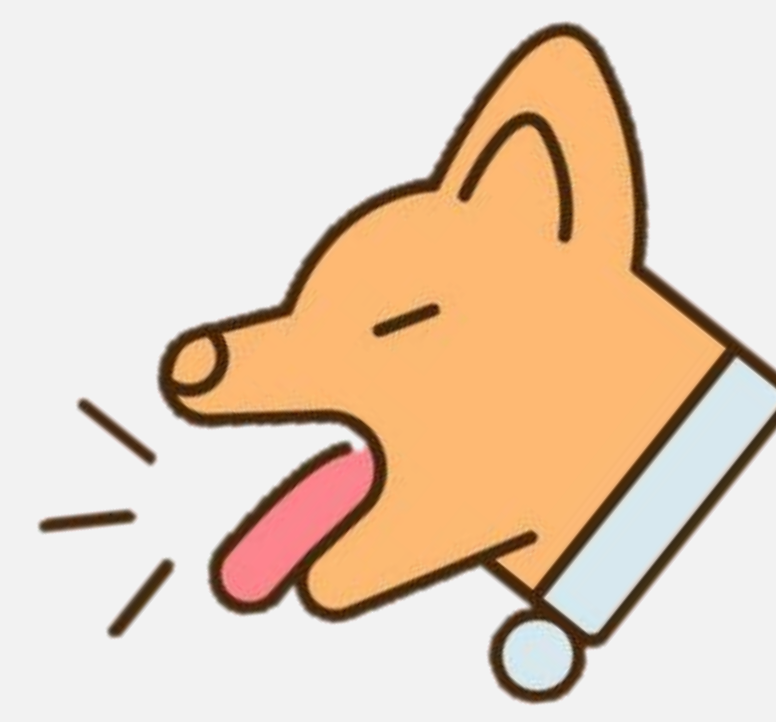
Death, Complications,
disability after surgery



Tracheal Collapse In Dogs

- Difficult to breath
- Cough
- Effect to daily life

High rate of
Fatal



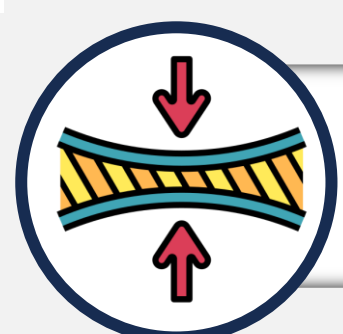
High Cost of Import Device
and Treatment



Risk of **Death** and **Disability**

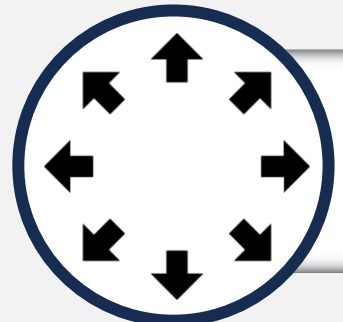
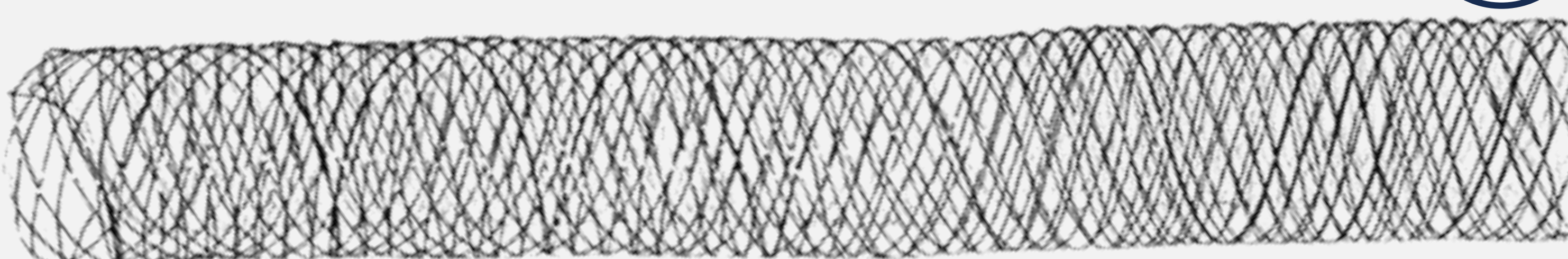
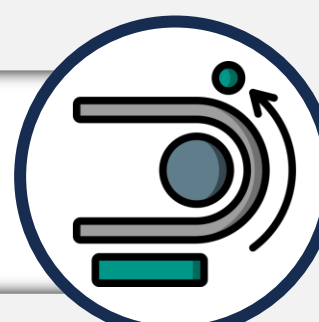
Invasive Treatment

Features of Innovation



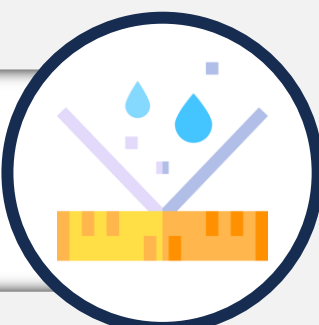
Ni-Ti; **Excellent Superelasticity**

High Kink Resistance



High Radial Strength

High Corrosion Resistance



Benefits of Innovation



Decrease Device import



Improve quality of life



Non-invasive Treatment

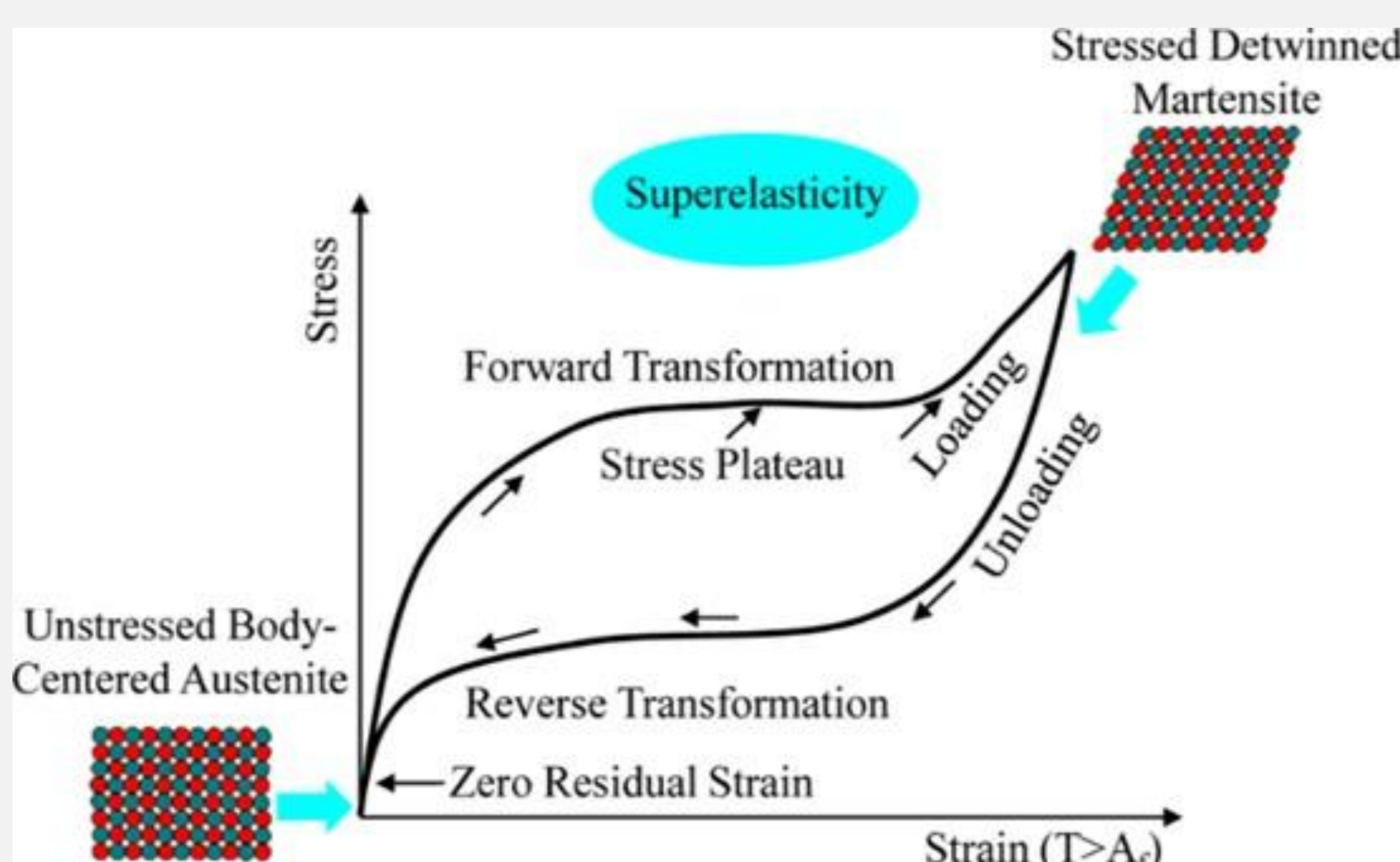


More Affordable Price

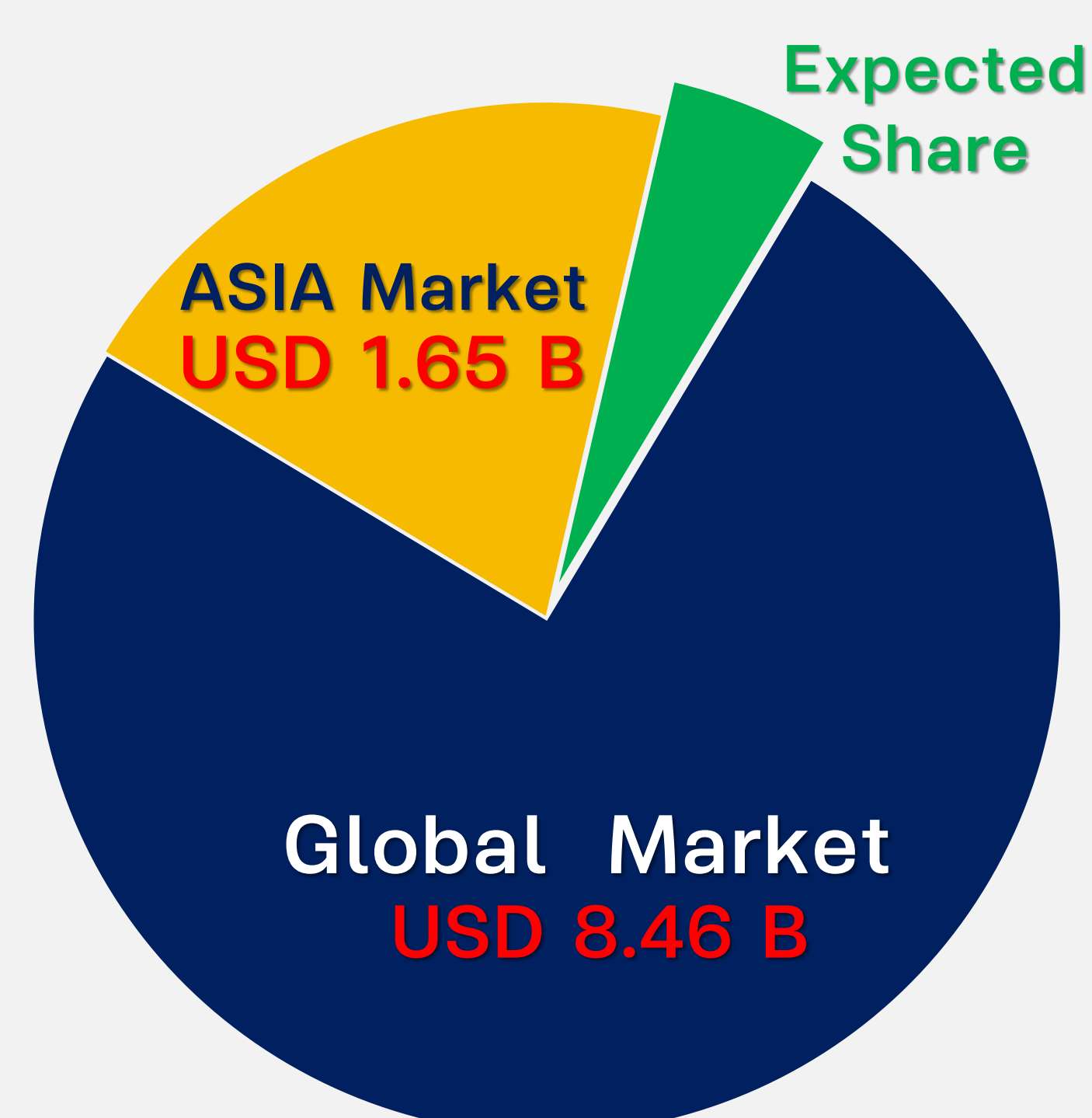
Patent No. : 1801006917

Super Elasticity

Excellent Properties for easy Deployment
By Catheter



Market Possibilities



Expected product price

» 1,000 USD/piece

» 1,000 pieces/year

Expected Sales Values

» 1 M USD/year

Expected Profit Values

» 250 K USD/year



Development Pathway

Standard Testing

Performance Test

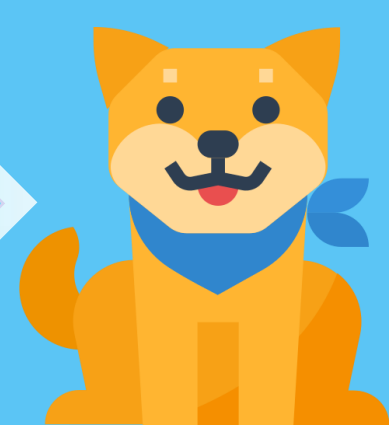
Clinical Testing

CSDT Standard

Launched to Market



- Mechanical Test
(ISO25539-2)
- Biocompatibility
(ISO10993)



- Dogs Study
and Testing



- ISO13485



- Risk Management
- FDA submission



- Launched Product