

- **Tympanic Membrane Regeneration: otolaryngology**

- New therapy developed by Dr. Shinichi Kanemaru, Kitano Hospital (supported by Biomedical Research and Innovation at Kobe, former TRI)
- Outpatient therapy, not requiring frequent visits
- “This discovery is potentially the greatest advance in otology since the invention of the cochlear implant.” Prof. Robert K. Jackler (Stanford Univ.) *Otology & Neurotology*, 33, 289, 2012
- December 2014 – September 2016:
Investigator initiated trial (Kyoto Univ., Keio Univ., Kobe City Medical Center General Hospital)
- Sep 2018: Japanese NDA filed
- Sep 2019: Approved in Japan
- World’s first Indication: tympanic perforation
- Nov 2019: National Health Insurance listed
- Dec 2019: Launch in Japan