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ASIA EDITION

Korea introduces low-cost artificial cochlear implant 'Sullivan'

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Developing low-cost but highly effective cochlear implant system based on micro-fabrication process

South Korea-based startup TODOC has developed an artificial cochlear implant 'SULLIVAN'.

Based on the vision of connecting the human nerves and the world, TODOC has been providing solutions to curing various neuropathic disorders and conditions.

Based on high-density electrode technology, they developed SULLIVAN, the world's first 32-channel artificial cochlear implant system that delivers more frequency band sound information than ever (existing artificial cochlear implants support just up to 22 channels).

TODOC's articial cochlear implant is characterized by increased usability by supporting user-customized neuromodulation and audio streaming services through an easy-to-wear external ear wearable vagus nerve regulator.

The product will be displayed at "CES 2022" (Consumer Electronics Show) which will be held in Las Vegas on January 5, 2022, after being selected in the 'Top 10 Korean Products of CES 2022.'