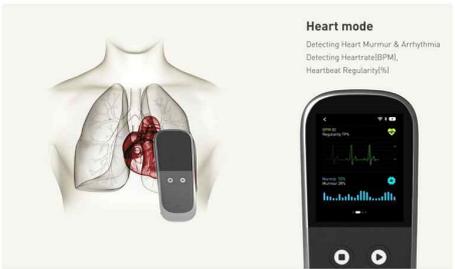


# □ [K-NIGHT 1:1 BIZ Matching] Participating Company Information

<b>Attendant 1</b>	Name) LEE, JUNGHO	<b>Attendant 2</b>	Name)
	Position) CEO		Position)
<b>Company name</b>	SMARTSOUND CORPORATION		
<b>LOGO</b>			
<b>Address</b>	171 Yangjaecheon-ro, Gangnam-gu, Seoul, 06302, Korea		
<b>Homepage</b>	<a href="http://www.ismartsound.com">www.ismartsound.com</a>	<b>E-mail</b>	<a href="mailto:jhojholee@ismartsound.com">jhojholee@ismartsound.com</a>
<b>Tel</b>	+82-2-575-2252	<b>Fax</b>	+82-2-575-2201
<b>Company Introduction</b>	<p>Smartsound corporation has been working to secure key technologies (HSC™, instrument design, AI diagnosis) to diagnose diseases based on bio sound in the 12 years since its foundation in 2011. Since 2021, in cooperation with 12 of the nation's top university hospitals, it has begun collecting and analyzing clinical data on the sounds of the hearts and lungs of hospitalized/inpatient patients in the largest scale in the country. Through this, it has secured "AI diagnosis technologies and solutions" that can accurately diagnose and there are symptoms of lung disease(5 types) and heart disease(5 types), respectively, and focuses on certification of related medical care at home and abroad and secures intellectual property rights.</p>		
<b>Introduction to Technology &amp; Product(s)</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  </div> <div style="width: 50%;">  <p><b>Heart mode</b> Detecting Heart Murmur &amp; Arrhythmia Detecting Heart rate(BPM), Heartbeat Regularity(RI)</p> </div> <div style="width: 50%;">  <p><b>AP</b> Octa-core AP Embedded Edge AI Solutions</p> <p><b>Storage</b> + 36,000 Measure Data</p> <p><b>Wireless Communication</b> Bluetooth, Wi-Fi</p> </div> <div style="width: 50%;">  <p><b>Lung mode</b> Detect abnormal noise such as Crackle, Wheeze, etc.</p> </div> </div> <p>1-1. Sleeper AI (Artificial Intelligence) : Based on smart stethoscope and Sound Artificial Intelligence.</p> <ul style="list-style-type: none"> <li>- Securing of clinical data for AI diagnosis</li> <li>- AI lung/heart sound classification algorithm</li> <li>- Disease classification AI</li> </ul>		

- Skeeper Edge AI

1-2. AI lung/heart sound classification algorithm

- Application of 5-step clinical verification process to secure reliability of clinical data
- Securing disease classification data with high reliability through prospective clinical research
- Maintenance of no loss of the original sound for each stage of transmission

1-3. Skeeper P1 (Patch Type Smart Stethoscope)

- 8 hrs measurement
- Edge AI
- Normal/Abnormality Detection

