

DISRUPTIVE NEEDLE TECHNOLOGIES FOR DECREASING PAIN PERCEPTION IN PATIENTS



A Global Medical Technology Company

The Client engaged PreScouter in this Research Support Service project to investigate disruptive technologies that could serve as a suitable pain-free alternative product to hypodermic needles and catheters.



CHALLENGE

The challenge for PreScouter was to help the Client understand the landscape of major innovators in needle technologies and identify new technologies that could replace current needles or dramatically decrease patients' pain perception in existing needle technologies.



APPROACH

PreScouter identified and profiled impactful players in the field and mapped promising technologies. Additionally, the team interviewed Subject Matter Experts (SMEs) in the fields of manufacturing, product development, and medicine. PreScouter identified 39 stakeholders, gathered medical information from 24 clinical studies to analyze pain perception scoring, and interviewed 5 SMEs.



OUTCOME

Based on their findings, PreScouter mapped **36 new technologies** that showed the potential to disrupt the needle technology landscape and improve patient pain perception scores.

