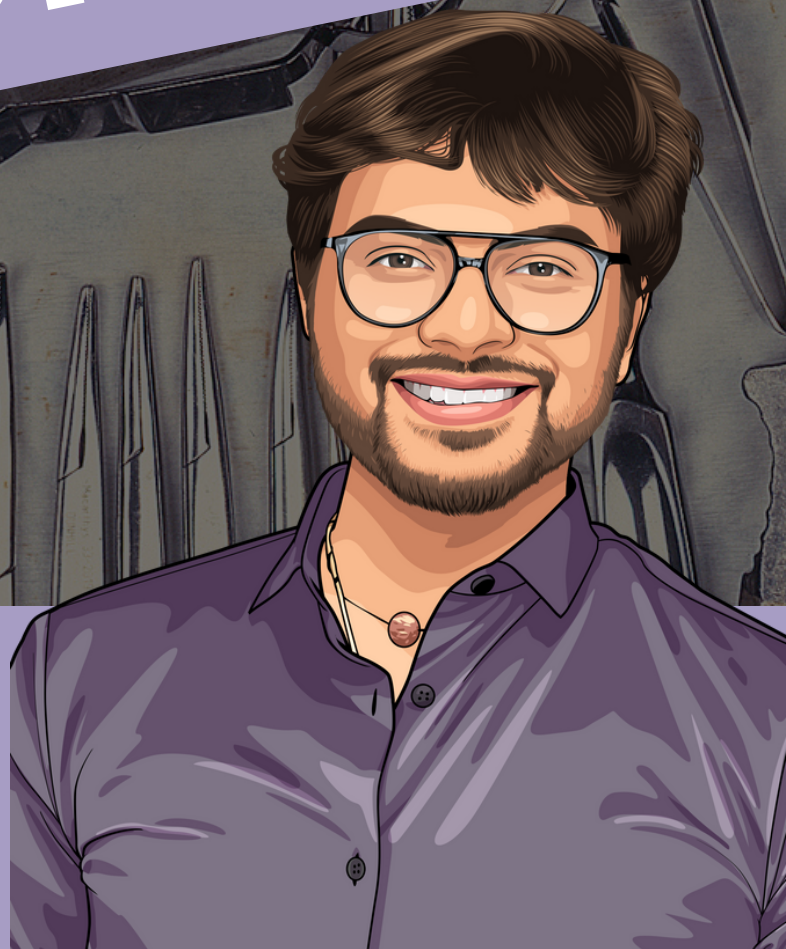


HOW DO YOU START WITH THE ADOPTION OF AI IN YOUR SPD?

ARTIFICIAL INTELLIGENCE EXPERT

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Yeshwanth Pulijala, PhD
Founding Director & CEO | Scalpel Ltd

Beyond Clean Artificial Intelligence Expert™:

How Do You Start With The Adoption Of AI In Your SPD?

*Yeshwanth Pulijala, PhD
Founding Director & CEO | Scalpel Ltd*

ATTN Cleanfreaks (All SPD staff, managers, and thought leaders)

Congratulations! So, you have decided to adopt AI within your Sterile Processing Department. But you are not sure where to start?

Here are three simple steps to get you started.

1. IDENTIFYING THE OPPORTUNITIES

Are you looking to improve staff efficiency, reduce error rates, or enhance the quality of instrument inspection? Identify the areas with the biggest opportunities in your Sterile Processing Department. We recommend that you look at your historical data to analyze the root causes of major issues on your site. We also suggest conducting a workshop to analyze key areas that need improvement.

2. DETERMINING THE USE CASES

This is a critical step. Once you've identified the key areas, it's important to determine use cases of AI to address these opportunities. For example, if missing instruments is your biggest challenge, identify use cases of AI in washing or packing trays that will reduce instances of missing instruments. The use cases should then be evaluated for the value they will generate, prioritizing short- and long-term benefits.

3. SELECTING THE TECHNOLOGY AND SCALE

Now that you have identified use cases, research the market to find companies offering AI-based technology to address use cases you have identified in your Sterile Processing Departments. Visit websites, request demos, and sign up for trials before selecting the right technology for your intended use case. Start small, like a single workstation, a specific specialty, or even a specific tray. It's always wiser to take incremental steps with the current technology while planning for transformational change within your Sterile Processing Department.

Adopting AI is an exciting journey that requires patience, understanding, and strategic planning. Implemented correctly, it will take your Sterile Processing Department to new heights!

Have more questions for this expert? Contact Yesh at: yesh@scalpel.ai

Beyond Clean Artificial Intelligence Expert™ Biography:

Yeshwanth Pulijala, PhD

Founding Director & CEO

Scalpel Ltd



Dr. Yeshwanth Pulijala (Yesh) is the founder and CEO of Scalpel. In this role he leads a highly motivated team building AI tools to enhance patient safety across the peri-operative pathway. Scalpel provides a clinically validated surgical intelligence platform that uses computer vision to provide real-time insights into clinical workflows - starting with managing surgical instruments. Trained as a dentist, Yesh has over nine years of interdisciplinary experience in healthcare and technology (Virtual Reality, Augmented Reality, and Computer Vision). In his doctoral research, he has designed and evaluated one of the first immersive virtual reality training tools for Oral and Maxillofacial Surgery.

Pulijala has spent thousands of hours in operating rooms where he has first-hand experienced several surgeries going wrong - of which, to his surprise, nearly 50% were preventable. That significantly impacted him - sparking his mission to improve current surgical processes and prioritize patient safety. In 2017, he founded Scalpel to make surgery safer.

In the last few years, Scalpel has been on an incredible journey to engage healthcare institutions globally to align with their mission to improve patient safety in surgery. They have partnered with some of the most innovative healthcare providers and manufacturers. Today, Scalpel is shaping the future of surgery by connecting surgical data science with clinical performance, not only inside the operating rooms but across the perioperative pathway.

Stay tuned to his Expert Series so you can learn more about how to use AI in your Sterile Processing unit and streamline your operations to make surgery safer.

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