

# ASSI **ASSI Study Group on Enabling Technologies**

## **Webinar on “Robotics vs Navigation: Is There Incremental Value in Pedicle Screw Fixation and Beyond?”**

### **Convenor**



**Dr. HS Chhabra**

### **Chairpersons**



**Dr Shankar Acharya**



**Dr Saumyajit Basu**

**JAN 2026**

**SATURDAY**

**10**



**7:30**

<b>Opening Context &amp; Objectives</b>	<b>Dr. H S Chhabra</b>	<b>7.30–7.35 pm</b>
<b>Structured Debate: Robotics vs Navigation in Pedicle Screw Fixation</b>		
<b>Debate Motion</b> “Robotic-assisted pedicle screw fixation provides meaningful incremental value over navigation-assisted techniques.”		
<b>Opening presentations</b> <b>Proposition (Robotics)</b> <b>Opposition (Navigation)</b> <b>Rebuttals &amp; Closing Statements</b> <b>Robotics rebuttal:</b> <b>Navigation rebuttal</b>	<b>Dr. Bhavuk Garg</b> <b>Dr. Shailesh Hadgaonkar</b>  <b>Dr. Bhavuk Garg</b> <b>Dr. Shailesh Hadgaonkar</b>	<b>7:35 – 7:42 pm</b> <b>7:42 – 7:49 pm</b>  <b>7:49 – 7:52 pm</b> <b>7:52 – 7:55 pm</b>
<b>Beyond Pedicle Screws: Does Robotics Add Value Elsewhere in Spine Surgery?</b> <b>Focus: Deformity, Revision surgery, Tumor, MIS workflows, Evidence gaps and future directions</b>	<b>Dr. Mirant Dave</b>	<b>7:55 – 8:05 pm</b>
<b>AiBLE in Spine Robotics: How Learning Algorithms Improve Accuracy and Reduce Error</b>	<b>Dr. Lukas Bobinski</b>	<b>8:05 – 8:17 pm</b>
<b>Discussion</b>		<b>8:17 – 8:32 pm</b>
<b>Panel Discussion</b> <b>From Evidence to Adoption: What Should Surgeons and Systems Do Now?</b>	<b>Panelists:</b> <b>Dr. Lukas Bobinski, Dr. Bharat Dave, Dr. Vidyadhar S, Dr. Gururaj S</b>  <b>Moderator: Dr. HS Chhabra</b>	<b>8:32 – 9:00 pm</b>

**Webinar Live on the ASSI You Tube**