



# SIMBALL® BOX

## PRODUCT OVERVIEW

### UNIQUE FEATURES

- Use your own instruments - easy to connect
- High-class models for suturing and grasper training
- Excel in economy of movement with instrument tracking
- Data visualized in convenient diagrams
- Easy to plot learning curves and benchmark performance
- Benchmarking in relation to expert level performance
- Real-time visual feedback
- Structured learning with video tutorials and intuitive user interface
- Objective assessment and certification
- Robust and user-friendly

### HARDWARE

- Computer
- Monitor
- Rolling, height-adjustable cart
- 2 Simball joysticks
- 1 High-definition camera
- 2 Instrument holders
- 3 Magnetic Basic Skills models
- 1 Magnetic Suturing model

### EXTENDED WARRANTY

- Coverage for breakdown
- All replacement parts included
- Priority over non-contract customers
- Travel and labor included

EXCERSISES	SKILLS TRAINED
	<b>BASIC SKILLS</b>
<b>ROPE RACE</b>	<ul style="list-style-type: none"> <li>▪ Learn how to properly control the needle driver</li> <li>▪ Train on skills needed for suturing</li> <li>▪ 3D perception</li> <li>▪ Hand-eye coordination</li> <li>▪ Bi-manual coordination</li> </ul>
<b>PEG PICKER</b>	<ul style="list-style-type: none"> <li>▪ Train with graspers to learn a secure, safe and gentle grip</li> <li>▪ 3D perception</li> <li>▪ Hand-eye coordination</li> <li>▪ Bi-manual coordination</li> </ul>
<b>PRECISION CUTTING</b>	<ul style="list-style-type: none"> <li>▪ Train on the coordination between two different instruments, grasper and scissor</li> <li>▪ 3D perception</li> <li>▪ Hand-eye coordination</li> <li>▪ Bi-manual coordination</li> </ul>
	<b>SUTURING</b>
<b>BASAL SUTURING</b>	<ul style="list-style-type: none"> <li>▪ Train to master the perfect suturing technique</li> <li>▪ Single knot</li> <li>▪ Continuous knot</li> <li>▪ Test with water weather the stitching is tight enough</li> </ul>
<b>VAGINAL CUFF CLOSURE</b>	<ul style="list-style-type: none"> <li>▪ Suturing of the cuff after removal of the uterus</li> <li>▪ Barbed suturing</li> <li>▪ Interrupted suturing</li> </ul>
<b>GASTRIC BYPASS</b>	<ul style="list-style-type: none"> <li>▪ Suturing of the different anastomoses associated with a gastric bypass</li> <li>▪ Gastro-entero Anastomosis</li> <li>▪ Side-to-side Anastomosis</li> </ul>