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Release notes (2021-10-11)  
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## **NEW MINOR VERSION: LAPSIM 2021.2**

### **Major Features**

- Dr. LapSim has been replaced with snackbar messages. There are four types of snackbar messages:
  1. Instruction snackbars show the instructions for proceeding with the exercise.
  2. Confirmation snackbars are shown when an important step in the exercise has been completed.
  3. Non-fatal error snackbars are shown when the trainee makes a non-fatal error or either once a parameter value has been increased or when the parameter no longer has optimal value.
  4. Fatal snackbars are shown when the trainee makes a fatal error or when a parameter has reached a failure value.
- A major update has been done to the touch button functionality. The touch buttons available on the side touch screen can now also be fully controlled on the main screen. Interactions with the trackpad replacing the side touch screen have also been implemented. The touch button icons have a brand-new design.
- There is now a pop-up with a QR code containing a link to a survey shown once a trainee completes a course. The QR code with the link to the survey can also be accessed through the Give Feedback menu.
- The instrument models are now more detailed and are shaded using PBR (Physically Based Rendering).
- A new font is used in the simulation for languages other than Chinese and Japanese.
- Translation update.

### **Changed**

- The course level on each module in the demo course has been removed.
- There is now a different font (SimSun) used for Chinese in the GUI. This font renders Chinese characters correctly.
- The instruction video for the last step in the Colorectal exercise has been re-recorded.
- Syncing of large databases to the cloud has been improved.

### **Bugfixes**

- The animated background in the Suturing exercise is working once again.
- The Endobag is now rendered correctly.
- In Colorectal the purple stapler has been replaced with a tan stapler