
CATHI Launches Remote Customizable Training Console as Part of Simulation System

22 March 2021 – German-based endovascular simulator specialist CATHI has launched the Instructor Cockpit, an innovative training console, as an integral part of its flagship system. The device can be operated completely remotely, with the instructor in a separate room to the trainee, thus providing a more realistic and therefore challenging environment. The console is also totally customisable according to client requirements, delivering completely individualised features.

Using the remote console, the instructor can fully control steering of the angio machine, angio suite and C-arm, as well as instruments and hemodynamics - from a distance. Furthermore, the instructor can select and control any instrument at any time simultaneously with the training procedure. With the Instructor Cockpit, unanticipated events can also be superimposed on routine procedures, such as embolization or perforation.

With an add-on the console can also function as an additional ECG monitor, which can be freely positioned anywhere in the room, connected via WLAN or Bluetooth with the CATHIS® Simulator. This hemodynamic monitor is completely self-sufficient and facilitates the display of breathing curves or saturation, invasive and non-invasive blood pressure curves – even the simultaneous display of several blood pressure curves. It will also handle change of scaling according to individual requirements. The display can be paused at any time for discussion.

The Instructor Cockpit provides further functionalities such as the simultaneous display of overlay on the live monitor and native image on the assist monitor or the individual setting of frame rates. It can also act as a device for analysing and displaying training results.

"Our unique Instructor Cockpit can replace the entire angio console as a fullscale simulator", said Manuela Werner, Managing Director of Marketing and Sales for CATHI. "It has been specifically designed for instructors, providing them with a full range of options, including personal customization, which cannot be matched by competitor training consoles."

The newly-launched Instructor Cockpit joins a previously-available basic version, which connects via a cable and therefore can't be used remotely. It features 15 buttons which can be pre-programmed to carry out specific tasks, as customers require, such as activating 3D mode, moving the table, turning the angiosuite on and off, deploying the contrast medium and moving the wire.

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