

Immersion Touch-Sense Technology

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Immersion Corporation was created in 1993. This company specializes in computing involving touch in addition to the traditional senses used: sound and sight. Immersion Corporation



has obtained over 140 patents in tactile feedback technology – also known as haptics, the science of touch. The company also has more than 220 pending patents world wide. Immersion is currently developing devices in the following areas: 3-D, Immersion Medical, Automotive, Computing and Entertainment, and Custom Solutions.

Immersion Medical develops stimulators to recreate realistic medical procedures. These simulators allow healthcare providers to practice without the use of animals or putting patients at risk. They also allow the user to choose various medical situations while experiencing real-life sight sound and touch sensations.

Immersion Medical is currently developing the following procedures:

CathSim® Vascular Access Simulator

- This help train health care practitioners in the area of intravenous therapy
- Allows patients to practice using more effective techniques then



oranges, other students and plastic arms.

AccuTouch® Endoscopy Simulator

- Helps train individuals for use on the following procedures:
 - Flexible Bronchoscopy, Flexible Sigmoidoscopy and Colonoscopy.
- Even though these procedures are common they are difficult to train and asses
- Device allows the user to see real-time imaging and get a feel for the procedures with outputting any at risk



AccuTouch® Endovascular Simulator

- Developed to practice endovascular procedures such as pacemaker lead placement, angiography and angioplasty.
- These procedures require careful attention to be paid to many of variables. This simulator mimics these senses



References:

- http://www.popsi.com/popsi/bown/medical_54_imme.html
- <http://www.immersion.com>