

Trauma Pod & Robotics Media Coverage Report

March 2008

Asbury Park Press: Surgery In the da Vinci Mode

This article discusses the da Vinci Surgical System, which became the first robotic system to be approved by the FDA for use in general laparoscopic surgery. It explains that the prototype for da Vinci was developed in the late 1980s at SRI, which was under contract for the Army to come up with a robotic system for battlefield surgery.

<http://www.app.com/apps/pbcs.dll/article?AID=/20060801/NEWS01/608010335/100>

DesignFax: The Slow Speed of Surgery

This article reports that surgery performed using the the da Vinci Surgical System allows surgeons to perform the most minimally invasive procedures to date. The article also says that the da Vinci Surgical System is based on foundational robotic surgery technology developed at SRI International.

<http://www.manufacturingcenter.com/dfx/archives/0902/0902motionfeature.asp>

IEEE Spectrum: Robots with Scalpels

This article explains how remote surgery technologies are maturing and where they could be headed in the future. Under the aegis of the U.S. Army, Jacob Rosen and Blake Hannaford, co-directors of the University of Washington's BioRobotics Laboratory, recently deployed a distance-medicine system to California for field-testing and ran it through surgical procedures on anatomical dummies. While Rosen and Hannaford feel that the surgical robots need much improvement, future deployments "will use imaging technologies such as ultrasound, MRI, and CT scans as their 'eyes', and they will break free from centuries of surgical convention, entering the body through existing openings and moving inside the patient as they make their way to the surgery area." The article also explains that the BioRobotics Laboratory participates in another military-funded initiative, the US \$12 million Trauma Pod program, begun last year by the Defense Advanced Research Projects Agency and managed by SRI International.

<http://staging.spectrum.ieee.org/oct06/comments/1615>

IEEE Spectrum: Doc at a Distance

This article reports that robots will be used to save lives in future disasters and wars, and describes the \$12 million Trauma Pod program, launched last year by the Defense Advanced Research Projects Agency (DARPA). Managed by SRI International, the program aims to develop an unmanned, mobile operating room that is equipped with a host of automated surgical systems that could be quickly dispatched anywhere in a war zone.

<http://www.spectrum.ieee.org/oct06/4667>

KGO: SRI Celebrates 60 Years of Inventions

This news segment and podcast announces that SRI is "Sixty-years-old and still going strong -- Silicon Valley's first technology research center." The segment includes an interview with SRI CEO Curt Carlson and highlights SRI's innovations over the years, including the computer mouse, electronic banking, and robotics.

<http://abclocal.go.com/kgo/story?section=business&id=4700424>

The Motley Fool: The Intuitive Future of Medicine

This article is an interview with Lonnie Smith, CEO of Intuitive Surgical, an SRI spin-off company. Smith mentions in the interview that da Vinci was actually the original application envisioned when the technology was being developed at SRI in the early 1990s and that the founders of Intuitive Surgical licensed the technology from SRI, and then further developed it for mainstream minimally invasive surgery.

<http://www.fool.com/news/commentary/2006/commentary06112227.htm>

Associated Press: NASA To Test Portable Robot Surgeon

This article reports that next month, a portable medical robot created by scientists from the University of Washington will be tested in a remote surgery experiment in an underwater environment designed to simulate zero gravity. The article mentions that a robot developed by SRI International will be tested in the underwater lab after the University of Washington experiment.

http://hosted.ap.org/dynamic/stories/R/ROBOT_SURGEON?SITE=AP&SECTION=HOME&TEMPLATE=DEFAULT&CTIME=2007-04-18-23-46-40

Science Daily: Robotic, Surgeon To Team Up With Doctors, Astronauts On NASA Mission

This article reports that a portable medical robot from the University of Washington will be tested in a remote, underwater surgery experiment next month. The article mentions that M7, a surgical robot being developed by SRI International will be tested in the underwater lab after the University of Washington project.

<http://www.sciencedaily.com/releases/2007/04/070418170041.htm>

BusinessWire: SRI International Joins NASA's NEEMO 12 Undersea Mission to Demonstrate Image-Guided Remote Telesurgery

This is an SRI press release announcing that SRI will present the first demonstration of an image-guided telerobotic surgery at the American Telemedicine Conference on May 11 in Nashville, Tennessee. SRI's goal is to show the feasibility of remote, telerobotic surgery in an extreme environment similar to a space mission

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070503005222&newsLang=en

San Jose Mercury News: Robo-MD: Menlo Park's SRI International Designs Surgical Devices for Hospitals, Space, Battlefield

This article about telesurgery focuses on recent advances and milestones in the field. The article describes how NASA will conduct its second test in a year of a robot made by SRI to determine its feasibility for use on a future mission. SRI's Tom Low, director of the medical systems and robotics program, is quoted in the article.

URL: http://www.mercurynews.com/business/ci_5831343

Also See:

Akron Beacon Journal/Ohio.com

<http://www.ohio.com/mld/ohio/news/nation/17200212.htm>

Contra Costa Times

http://www.contracostatimes.com/business/ci_5844746