

Deep Space LIVE: Robotic Surgery

Thursday, May 5, 2011 / 8 PM / Ars Electronica Center

(Linz, May 2, 2011) Visitors to the next Deep Space LIVE event this coming Thursday, May 5, 2011 will have the extraordinary opportunity to observe a robot-assisted operation—the complete removal of a patient's prostate. Expert commentary will be provided by Dr. Wolfgang Loidl, director of the Department of Urology and the First Upper Austrian Prostate Center at the Hospital of the Sisters of Mercy in Linz.

Robot-Supported Surgical Technique

The surgical technique that will be demonstrated at the next Deep Space LIVE on May 5th and presented by Dr. Wolfgang Loidl does not involve the surgeon standing at the operating table; instead, his/her place is at a console. During these procedures, the surgeon steers the robot via hand motions and foot pedals, and the movements are carried out by the robot, whose four robotic arms are inserted into the patient's body through 1- to 2-cm incisions. The arms are equipped with two tiny, high-resolution cameras as well as instruments that can be maneuvered three-dimensionally and thus allow for extremely precise sequences of actions.

Deep Space LIVE

The Ars Electronica Center is now hosting a Deep Space LIVE event every Thursday (except holidays) at 8 PM. Each presentation will feature ultra-high-definition imagery in 16x9-meter format and will be accompanied by expert commentary, entertaining stand-up repartee, and musical improvisation. Whether great works from the history of art, space travel, journeys of discovery in the Nanoworld, or a live concert is what you've come to behold, Deep Space LIVE stands for enlightening entertainment amidst breathtaking worlds of imagery. Admission (including an accompanying person) is €2. Holders of a valid Museum ticket are admitted free of charge.

Hospital of the Sisters of Mercy: <http://www.bhslinz.at/>

First Upper Austrian Prostate Center: <http://www.prostatazentrum.at/>

Da Vinci Surgical System: <http://www.davincisurgery.com/>

Ars Electronica Center: <http://new.aec.at/center/en/about/>

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