The Lead

Biofabrication Brings Lab-Grown Tissue Closer to Reality

September 3, 2014 | by Reuters | Comments

A team of researchers at the Medical University of South Carolina is using 3-D bio-printers in a process called biofabrication to create new tissue that they hope can one day be used to grow human organs in labs for use in transplants...

TOPICS:

- Implantables
- Orthopedics
- Regenerative Medicine

What makes us get sick? Look upstream.

September 15, 2014 12:19 pm | by TED | Comments

Rishi Manchanda has worked as a doctor in South Central Los Angeles for a decade, where he's...

The Brain Is a Swiss Army Knife

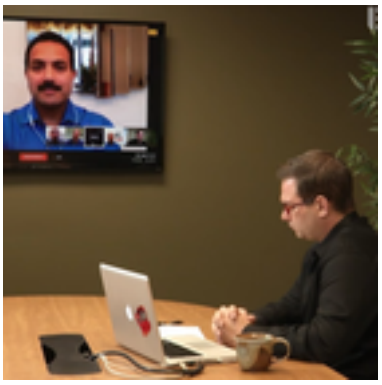
September 8, 2014 11:59 am | by TED | Comments

Brain imaging pioneer Nancy Kanwisher, who uses fMRI scans to see activity in brain regions (...

Chinese Boy Implanted with 3D Printed Vertebra

August 28, 2014 3:14 pm | by Reuters | Comments

A 12-year-old boy suffering from bone cancer has become the first recipient of 3D printed...



Engineering Live: The Beginning of the End for Wearable Devices

September 16, 2014 11:43 am | by ECN Magazine | Comments
Panelists for this discussion include Satya Dixit, Senior Director with Rohm Semiconductor; Narbeh Derhacobian, Co-founder, President, and CEO of Adesto Technologies; Bill Betten, VP of Business Solutions with Logic PD; Robert...
TOPICS:

- Diagnostics
- Patient Monitoring

Turkish Doctor Claims Unique 3D Usage in Plastic Surgery

September 3, 2014 11:21 am | by Reuters | Comments

A Turkish doctor who says he is the first person to use 3D printing in rhinoplasty and aesthetic surgery, is employing the technology to show patients a realistic preview of how their planned surgical procedures will look. Joel Flynn has more...

TOPICS:

- Cosmetic
- Surgery

Pacemaker Monitor Teardown

September 2, 2014 2:12 pm | by David L. Jones, EEVblog | Comments

What's inside a dial-in pacemaker monitor system? That’s what this installment of EEVblog seeks to discover. David L. Jones is an electronics design engineer based in Sydney, Australia. He hosts the EEVblog, the world’s largest and most popular engineering...

TOPICS:

- St. Jude Medical
- Cardiovascular
- Implantables
- Patient Monitoring

Advertisement
googletag.cmd.push(function() { googletag.display("dfp-ad-small_banner_1"); });

Violinist Plays Instrument During DBS Surgery

August 25, 2014 2:57 pm | by Mayo Clinic | Comments

You may have heard the story of a professional musician who played the violin while having brain surgery at Mayo Clinic. That journey started back in 2009. A surgical team implanted electrodes into his brain to stop a tremor that could have...

TOPICS:

- Implantables
- Neurology
- Surgery

Meaghan's Minute: Compact Medical Testing

August 25, 2014 1:54 pm | by Eric Sorensen, Coordinator of Multimedia Development | Comments

Today on Meaghan's Minute, Harvard researchers have created a portable medical detector that can monitor diabetes, detect malaria, discover environmental pollutants, and perform tests that now are done by machines costing tens of thousands...

TOPICS:

- Diagnostics
- In Vitro Diagnostics

Designer Protein Could Lead to Continuous Glucose Monitoring via iPhone

August 25, 2014 10:44 am | by American Chemical Society | Comments

Diabetes affects nearly 10 percent of the U.S. population. Among the biggest complaints of diabetics: constant finger pricking to test blood glucose levels. Fortunately, research published in ACS Chemical Biology reports the development...

TOPICS:

- Diabetes
- Patient Monitoring

Own Your Body's Data

August 21, 2014 10:50 am | by TED | Comments

The new breed of high-tech self-monitors (measuring heartrate, sleep, steps per day) might seem targeted at competitive athletes. But Talithia Williams, a statistician, makes a compelling case that all of us should be measuring and recording...

TOPICS:

- Diagnostics
- Patient Monitoring

Attachable Technology Transforms Wheelchairs, Helping Users Stay Healthy

August 20, 2014 2:42 pm | by Reuters | Comments

A San Francisco-based technology company is rethinking the way wheelchair users get around. Engineers at Rio Mobility have developed a line of hand cycles and attachable scooter devices aimed at keeping the wheelchair-bound more active and...

TOPICS:

- Physical Medicine

Advertisement
googletag.cmd.push(function() { googletag.display("dfp-ad-small_banner_2"); });

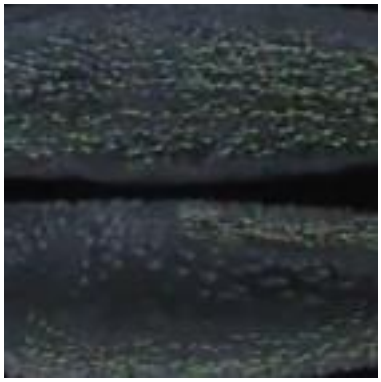
Benefits of the Connected Hospital

August 19, 2014 10:46 am | by Laird | Comments

The Connected Hospital is a vision of a fully integrated hospital where wireless technology allows care givers and patients to roam throughout the hospital while providing accurate and timely monitoring. The Connected Hospital collects the...

TOPICS:

- Cardiovascular
- Diagnostics
- Drug Delivery
- Imaging
- Implantables
- Neurology
- Oncology
- Patient Monitoring
- Surgery



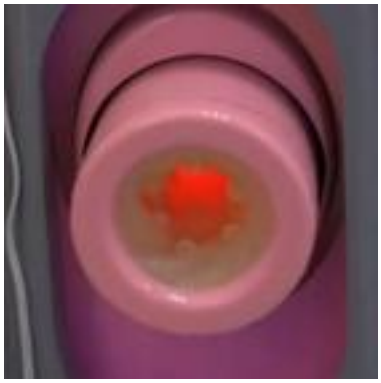
Computer Software to Unravel Embryonic Development Cell by Cell

August 8, 2014 10:51 am | by Reuters | Comments

Researchers at the Howard Hughes Medical Institute Janelia Research campus are using a new type of computer software to track and image how a nervous system develops in unprecedented detail. The new system is able to track individual cells...

TOPICS:

- Neurology



Sperm Extractor Helps Patients Overcome Embarrassment

August 8, 2014 10:46 am | by Reuters | Comments

A Chinese company says its automatic sperm extractor is helping clinics collect semen from donors reluctant to masturbate in a hospital setting. The Jiangsu Sanwe Medical Science and Technology Center says their device, which has been sold...

TOPICS:

- Physical Medicine

Cyborg Implants Antenna into Skull

August 8, 2014 10:06 am | by CNNMoney | Comments

Meet the cyborgs: People with technology implanted inside their bodies. Laurie Segall reports.

TOPICS:

- Implantables
- Neurology

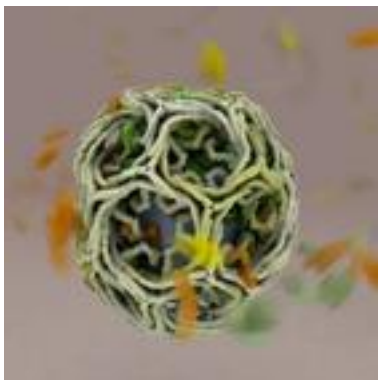
The Business of Being a Cyborg

August 7, 2014 5:01 pm | by CNNMoney | Comments

Meet Amal Graafstra. This cyborg decided to start a business to sell implantable RFID chips.

TOPICS:

- Implantables



How Animations Can Help Scientists Test a Hypothesis

August 7, 2014 1:58 pm | by TED | Comments

3D animation can bring scientific hypotheses to life. Molecular biologist (and TED Fellow) Janet Iwasa introduces a new open-source animation software designed just for scientists…

TOPICS:

- Diabetes
- Diagnostics
- Drug Delivery
- Imaging
- In Vitro Diagnostics
- Oncology

The Pulse: Moving Fluids Across Open Surfaces and Visualizing the 3D Heart

August 7, 2014 11:54 am | by Jonathan Dipierro, Multimedia Production Specialist | Comments

On this episode of the Pulse, we’re moving fluids across active surfaces, visualizing a beating heart in 3D, preventing drowsy drivers, and getting a better night’s rest.
TOPICS:

- Cardiovascular
- Diagnostics
- Imaging
- In Vitro Diagnostics
- Neurology
- Patient Monitoring
- Exclusive
- The Pulse

Pages

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- …
- next ›
- last »

Source URL (retrieved on *09/18/2014 - 5:46am*):
http://www.mdtmag.com/videos/2010/07/connecticut-spring-and-stamping-hosts-podcast-medical-capabilities