



First In Business Worldwide

REAL-TIME QUOTES   All CNBC | News | Video

GO Symbol Lookup   SEARCH

HOME   NEWS   MARKETS   EARNINGS   INVESTING   VIDEO   CNBC TV   CNBC PLUS   Register   Sign In

U.S.   ASIA-PACIFIC   EUROPE   ECONOMY   ENERGY   GREEN   TECHNOLOGY   BLOGS   WIRES   SLIDESHOWS   SPECIAL REPORTS

WELCOME, GUEST

**SAVE UP TO 75% ON CRUISES**  
 VACATIONS ToGo.com All Cruise Lines & Destinations  
 CLICK HERE!

## U.S. Orthopedic Stem Cell Market to Grow 68% in 2009 -- Orthopedic Stem Cell Market to Reach \$228 Million by 2014

By: PR Newswire | 07 Apr 2009 | 07:45 AM ET

Text Size - +

VANCOUVER, April 7, 2009 /PRNewswire via COMTEX/ -- According to a report by iData Research (www.idataresearch.net), an international medical device and dental market research firm, the U.S. market for stem cells used in orthopedic therapy will grow to an estimated \$228 million by 2014. Applications are currently focused on spinal fusion surgery, mostly for arthritis, but will eventually expand to include the fixation of traumatic fractures and the regeneration of worn joint cartilage.

Since 2005, adult stem cell products have been commercially available for use in spinal fusion surgery, the common treatment for arthritis and other bone defects. More than 29,000 patients have benefited from orthopedic stem cell therapy, which eliminates the pain and surgical complexity of traditional procedures. The Obama administration's lifting of research restrictions has renewed public interest in applications for embryonic stem cell therapies.

"The aging population will be the main driver for stem cell therapies, as it is for the overall orthopedic marketplace," says Kamran Zamanian PhD., CEO of iData, "The prevalence of osteoarthritis and degenerative joint disease will increase in the near future, driving the market for stem cell therapies. Stem cells are an advancement over traditional treatments because, unlike other treatments, they can potentially regenerate healthy tissue." According to the report, over 60% of adults over 64 suffer from osteoarthritis.

This implies an enormous future market for all orthopedic stem cell applications. This market will grow as baby boomers age and embryonic stem cell use increases. The report estimates a compound annual growth rate of 33% through 2014.

"Stem cell therapy in orthopedics is not only ahead of other medical applications, such as cardiology and neurology," says Zamanian. "It is also less socially contentious because it is based on adult stem cell lines, side-stepping the political difficulties with embryonic research, and increasing potential patient acceptance." About iData Research iData Research (www.idataresearch.net) is an international market research and consulting group focused on providing market intelligence for the medical device, dental and pharmaceutical industries in categories such as: Orthopedics, Sports Medicine, Spine, Cardiovascular, CRM, Dental, Endoscopy, Imaging, Ophthalmics, Patient Monitoring, Urology, Women's Health and more.

To learn more about iData's services, view this 3-minute Movie at:  
[www.idataresearch.net/discoveridata.html](http://www.idataresearch.net/discoveridata.html) SOURCE iData Research Inc.

www.prnewswire.com Copyright (C) 2009 PR Newswire. All rights reserved -0- KEYWORD:  
 British Columbia INDUSTRY KEYWORD: HEA

MTC

ADVERTISEMENT

### MORE HEADLINES Markets | Economy | Companies



#### Mortgage Rate May Fall to 4.2% By End of Year: Economists

- SEC Proposes 5 Curbs to Short-Selling
- Economic Woes Continue, Bear Market Alive: Roubini
- US Economy Remains Grim: Fed's Fisher
- Threat of Oil Price Spike Remains: Former Shell Exec
- Recession to Ease, but Industry Set to Crumble
- Do You Really Want More Twitter?
- Treasury Looks Set to Extend TARP to Life Insurers
- Lawmakers Seek to Calm TARP Spending Worries
- US Crew Back in Control of Hijacked Ship

### LATEST FROM OUR BLOGS More

#### Gold Stocks: Fund Manager's Top 10 Holdings

- Moses And God Are Friends On Facebook
- Are Car Buyers Actually Coming Back?
- Schork Oil Outlook: Seasonal Demand Remains Weak
- Life In Workplace Limbo: Waiting Can Be Brutal
- Busch: FOMC Advice To Obama and Congress
- Beaten-Down Stock Picks: Oil Drillers, Health Insurers
- What the 'Bear in the Bull Mask' is Buying
- Bemidji State: Cinderella or Pinocchio?
- Google vs. Microsoft: The OS Smack Down That Isn't. Yet.

### Sponsored Links

#### Cord Blood Registry®

Over 26,000 OBs Recommend CBR for Cord Blood Banking. Find Out Why.  
[www.CordBlood.com/CordBloodBanking](http://www.CordBlood.com/CordBloodBanking)

#### Solar, Wind, Cogen - AESO

Hot Stock. Develops Energy Efficiency Projects. Invest Now.  
[www.AtlanticEnergy.net](http://www.AtlanticEnergy.net)

stem cell therapy

Tools: Print Email SHARE

Find stem cell therapy results and more at Lycos.  
Go Get it!  
[Lycos.com](http://Lycos.com)

**AARP Auto Insurance**

Over 50? You Could Save Up To \$388 On AARP  
Auto Ins From The Hartford.  
[aarp.thehartford.com](http://aarp.thehartford.com)

**CNBC NEWS**

U.S. News  
Asia-Pacific News  
Europe News  
Economy  
Energy  
Green  
Technology  
Blogs  
Wires  
Slideshows  
Special Reports  
Corrections

**MARKETS**

Pre-Markets  
World Markets  
Stocks  
Dow 30  
Commodities  
Currencies  
Bonds  
Funds

**EARNINGS**

News  
Calendar  
Surprises  
Highlights  
Ideas

**INVESTING**

Picks & Pans  
Personal Finance  
Portfolio (Beta)  
Watchlist  
Stock Screener  
Fund Screener  
Earnings Screener

**VIDEO**

Latest Video  
Top Video  
U.S. Video  
Asia-Pacific Video  
Europe Video  
CEO Interviews  
Analyst Interviews  
CNBC Plus

**CNBC TV**

CNBC U.S.  
CNBC Asia-Pacific  
CNBC Europe  
CNBC World  
CNBC HD+  
As Seen On...

**MORE**

CNBC Mobile Website  
RSS  
Real-Time Quotes and Extended Hours  
Latest Press Releases



[About CNBC](#) | [Site Map](#) | [Privacy Policy](#) | [Terms of Service](#) | [Video Reprints](#) | [Advertise](#) | [Help](#) | [Contact](#)

Partners: [AOL Money](#) | [BloggingStocks.com](#)

**RT** Data is a real-time snapshot \*Data is delayed at least 15 minutes.  
Global Business and Financial News, Stock Quotes, and Market Data and Analysis

CERTAIN MARKET DATA PROVIDED BY



© 2009 CNBC, Inc. All Rights Reserved.