

Infosys Wins Global Award for Innovation in Osteoporosis Diagnosis and Treatment

Award-winning design from Infosys makes it easier to diagnose fracture risk in patients

Bangalore – May 13, 2014: Infosys, a global leader in technology, consulting and outsourcing solutions, has been recognized as a winner in the 2014 [Simulating Reality](#) contest. The contest is organized by [MSC Software](#), a worldwide leader of multidisciplinary simulation solutions. The winning team from Infosys used MSC's simulation technologies to better diagnose osteoporosis and accurately quantify fracture risk.

Osteoporosis, a disease characterized by a decrease in bone mass and density, leads to diminished bone strength and increased risk of fracture. Currently, medical practitioners estimate bone fracture risk for patients through qualitative methods including physical examination, CT scans, X-rays and measurement of bone mineral density (BMD), and physiological parameters such as gender, age, and weight. The innovative solution designed by Infosys applies the proven principles of mechanical engineering to understand the biomechanics of the human vertebrae and reduce the scope of errors in estimating fracture risks.

Highlights

- The Infosys team developed a solution using computer-assisted design and finite element analysis (FEA) tools to study mechanics of vertebrae taking into account various factors such as shape, density distribution of cortical and cancellous bone, and other material properties of bone tissue and porosity.
- The solution helps practitioners study bones in a detailed and non-invasive manner, and quantitatively analyze the fracture risk of vertebrae.
- Infosys is the only company to have won this award two years in a row. It is the only IT engineering services company in this year's list of winners.
- The award-winning solution was developed by [Infosys Engineering Services](#) team comprising of Dattatraya Parle, Principal Consultant – Advanced Engineering Group, and Anirudha Ambulgekar, Engineering Analyst, in collaboration with medical experts.
- In 2013, Infosys won the Simulating Reality contest for its [3D model of the human heart](#) that helps medical professionals and scientists improve their understanding of the complexities of human heart disorders.

Quotes

Dr. Ketan Gaikwad, Radiologist, Mumbai

"With this new solution from Infosys, doctors can precisely determine the pathophysiology of the pain due to osteoporosis in individual cases. This will help us select the appropriate treatment option for each patient."

Sudip Singh, Vice President and Global Head, Engineering Services, Infosys

"Our engineering capabilities for the life sciences industry focus not only on innovation but also on improving existing medical procedures and processes. This breakthrough in reimagining osteoporosis diagnosis and treatment provides medical practitioners with a new, comprehensive, and non-invasive way to examine individual bones and skeletal structure, and determine the best course of action. As the technology is tested and adopted, our engineers will continue to refine the solution to attain greater visibility into patients' condition and progress."

Additional resources

- [Infosys Engineering Services Life Sciences practice](#)
- [Infosys viewpoint on medical imaging](#)
- Press release: [Infosys Engineering Services is a leader in R&D across verticals in Zinnov's Global Service Provider Ratings 2013](#)

About Infosys

Infosys is a global leader in consulting, technology and outsourcing solutions. We enable clients, in more than 30 countries, to stay a step ahead of emerging business trends and outperform the competition. We help them transform and thrive in a changing world by co-creating breakthrough solutions that combine strategic insights and execution excellence.

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Safe Harbor

Certain statements in this release concerning our future growth prospects are forward-looking statements regarding our future business expectations intended to qualify for the 'safe harbor' under the Private Securities Litigation Reform Act of 1995, which involve a number of risks and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, fluctuations in foreign exchange rates, our ability to manage growth, intense competition in IT services including those factors which may affect our cost advantage, wage increases in India, our ability to attract and retain highly skilled professionals, time and cost overruns on fixed-price, fixed-time frame contracts, client concentration, restrictions on immigration, industry segment concentration, our ability to manage our international operations, reduced demand for technology in our key focus areas, disruptions in telecommunication networks or system failures, our ability to successfully complete and integrate potential acquisitions, liability for damages on our service contracts, the success of the companies in which Infosys has made strategic investments, withdrawal or expiration of governmental fiscal incentives, political instability and regional conflicts, legal restrictions on raising capital or acquiring companies outside India, and unauthorized use of our intellectual property and general economic conditions affecting our industry. Additional risks that could affect our future operating results are more fully described in our United States Securities and Exchange Commission filings including our Annual Report on Form 20-F for the fiscal year ended March 31, 2013 and on Form 6-K for the quarter ended December 31, 2013. These filings are available at www.sec.gov. Infosys may, from time to time, make additional written and oral forward-looking statements, including statements contained in the company's filings with the Securities and Exchange Commission and our reports to shareholders. In addition, please note that the date of this press release is mentioned at the beginning of the release, and any forward-looking statements contained herein are based on assumptions that we believe to be reasonable as of this date. The company does not undertake to update any forward-looking statements that may be made from time to time by or on behalf of the company unless it is required by law.

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