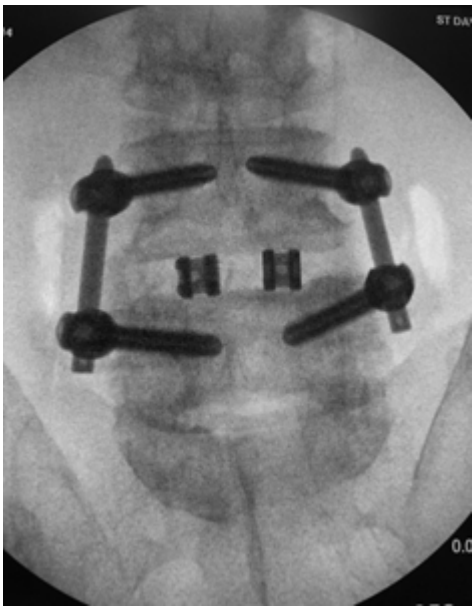
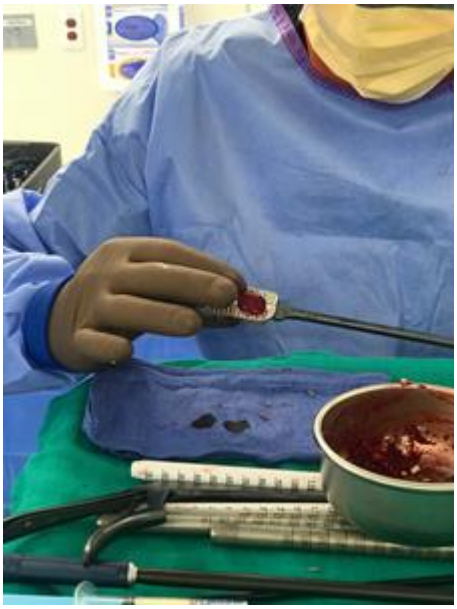
Alphatec Announces Commercial Launch of PLIF IdentiTi™ Posterior Straight Porous Titanium Interbody System Implant and AlphaGRAFT® DBM Fiber

May 6, 2019

CARLSBAD, Calif., May 06, 2019 (GLOBE NEWSWIRE) -- Alphatec Holdings, Inc. (“ATEC” or the “Company”) (Nasdaq: ATEC), a medical device company dedicated to revolutionizing the approach to spine surgery, announced today the commercial releases of its PLIF IdentiTi-PS Porous Titanium Interbody Implant System for Posterior Lumbar Interbody Fusion Procedures (PLIFs) and its AlphaGRAFT Demineralized Bone Matrix (DBM) Fiber.



IdentiTi Implant Technology features reduced density (60% porous), which enhances intraoperative and postoperative imaging.



Composed entirely of demineralized fibers, AlphaGRAFT DBM Fibers offer moldable, cohesive handling characteristics.

“These new product launches are a direct reflection of the unmatched spine expertise we have amassed at ATEC,” said Pat Miles, Chairman and Chief Executive Officer. “Our teams are rapidly architecting technology that improves surgical outcomes. The ATEC innovation machine will launch 12 new products in 2019, including these offerings – an exceptional number by any industry standard.”

IdentiTi-PS Porous Titanium Interbody Implant System

The launch of the IdentiTi-PS Interbody Implant System follows successful alpha evaluations that began in June 2018. It marks the second of six IdentiTi implant systems the Company expects to commercially introduce in 2019.

The IdentiTi line of implant systems, with enhanced imaging characteristics and porosity, are expected to provide performance that is superior to competitive titanium implant offerings. The IdentiTi line of implants will not only complement the Company’s current suite of PEEK implants, but will also allow ATEC to address the broader market of surgeons who prefer titanium.

“The IdentiTi-PS implant represents the next evolution in porous titanium interbody implants,” added David G. Schwartz, MD, MBA, of OrthoIndy and Indiana University School of Medicine. “IdentiTi implants have a porosity and stiffness similar to bone, properties conducive to new bone growth, with minimal imaging scatter across all radiographic modalities.”

“Achieving sagittal balance from a posterior approach can be challenging with most traditional implant options,” commented David S. Jones, MD, of Carolina Neurosurgery and Spine Associates. “IdentiTi-PS implants were designed to insert the implant on its side and then rotate up, which is a powerful lordosis-inducing maneuver with 15- and 20-degree implant options.”

Key Features of the IdentiTi Porous Titanium Interbody Systems

ATEC’s IdentiTi Porous TI Interbody Systems offer implant options that take advantage of bone’s affinity for titanium. Because of their porosity, IdentiTi implants have a surface roughness that enhances stability. The implants are also designed to provide the biological, biomechanical, and imaging characteristics that surgeons seek in a fusion construct.

Key features include:

- Consistent, fully interconnected porosity throughout the implant, designed to mimic the structure and porosity of cancellous bone;
- Proprietary pore structure designed to create surface roughness that enhances immediate implant stability and facilitates surface adhesion;
- Reduced density (60% porous), which enhances intraoperative and postoperative imaging;
- Stiffness similar to bone;
- Subtractive manufacturing process, creating consistent and reproducible interconnected pore sizes, which leads to predictable performance across the IdentiTi family of implants; and
- Intuitive, low profile, and exacting instruments designed to optimize the surgeon experience and facilitate outstanding patient outcomes.

AlphaGRAFT DBM Fiber Technology

Demineralized Bone Matrix (“DBM”) is a standard in the market for bone graft substitutes, or “biologics” products, which are used as an alternative to the patient’s own bone (autograft) in spine fusion procedures. ATEC designed AlphaGRAFT DBM Fiber to combine the regenerative capacity of interconnected fibers with the maximum availability of growth factors endogenous to bone. Composed entirely of demineralized fibers, AlphaGRAFT DBM offers a unique, moldable allograft with cohesive handling characteristics and an osteoconductive scaffold for the delivery of autologous stem cells.

“The AlphaGRAFT DBM Fiber is my new go-to biologic for all my MIS interbody fusions. There is no required defrost or decanting time, it is easily rehydrated with local blood, bone marrow or venous drawn blood, and if I need more, we just peel open another package,” remarked Ray Oshtory, MD, of Pacific Heights Spine Center in San Francisco, California. “In the past, I was wary of letting the scrub tech prepare the biologic as I wanted to make sure I liked the mixture of chips, putty, cellular, etc.; but with the fibers, they are so easily moldable and cohesive, I can prepare the endplates while the scrub tech prepares the biologic and implant, saving time and frustration. I feel more confident in the fusion because the demineralization exposes osteoinductive growth factors within the osteoconductive fiber network.”

Key Features of AlphaGRAFT DBM Fiber Technology

- Optimized handling, enabling combination with allograft or autograft for use in spinal fusion procedures;
- Engineering that enhances regenerative capacity compared to particulate DBM;
- 100% demineralized fibers, to expose innate osteoinductive growth factors;
- Delivery of osteogenic cells, when hydrated with the patient’s bone marrow aspirate; and
- Proven regenerative capacity, exhibiting all five elements of new bone formation in validated animal models.

About Alphatec Holdings, Inc.

Alphatec Holdings, Inc., through its wholly-owned subsidiaries, Alphatec Spine, Inc. and SafeOp Surgical, Inc., is a medical device company dedicated to revolutionizing the approach to spine surgery. ATEC designs, develops and markets spinal fusion technology products and solutions for the treatment of spinal disorders associated with disease and degeneration, congenital deformities and trauma. The Company markets its products in the U.S. via independent sales agents and a direct sales force.

Additional information can be found at www.atecspine.com.

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 that involve risks and uncertainty. Such statements are based on management's current expectations and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. The Company cautions investors that there can be no assurance that actual results will not differ materially from those projected or suggested in such forward-looking statements as a result of various factors. Forward-looking statements include references to the Company's planned commercial launches, product introductions and product integration, surgeon and market acceptance of Company products, solutions and platforms, and the Company's ability to deliver key product features. The important factors that could cause actual operating results to differ significantly from those expressed or implied by such forward-looking statements include, but are not limited to: the uncertainty of success in developing new products or products currently in the Company's pipeline; failure to achieve acceptance of the Company's products by the surgeon community; failure to obtain FDA or other regulatory clearance or approval for new products, or unexpected or prolonged delays in the process; continuation of favorable third party reimbursement for procedures performed using the Company's products; the Company's ability to compete with other products and with emerging new technologies; product liability exposure; patent infringement claims; and claims related to the Company's intellectual property. The words "believe," "will," "should," "expect," "intend," "estimate," "look forward" and "anticipate," variations of such words and similar expressions identify forward-looking statements, but their absence does not mean that a statement is not a forward-looking statement. A further list and description of these and other factors, risks and uncertainties can be found in the Company's most recent annual report, and any subsequent quarterly and current reports, filed with the Securities and Exchange Commission. ATEC disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise, unless required by law.

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Photos accompanying this announcement are available at:

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Source: Alphatec Holdings, Inc.