

## IMPLANET announces the first surgical procedures in the United States with JAZZ™ PF

- JAZZ™ PF: a simple, innovative and proprietary addition to the JAZZ® range
- Addressable annual market of almost \$350 million in the United States<sup>1</sup>

**Bordeaux, Boston, February 9, 2022 – 6:00 pm CET** IMPLANET (Euronext Growth: ALIMP, FR0013470168, eligible for PEA-PME equity savings plans), a medical technology company specialized in vertebral implants, today announces the first surgeries in the United States with JAZZ™ PF, the latest innovation from its JAZZ® range.

A unique concept on the market, JAZZ™ PF allows surgeons to create a soft landing of posterior spinal constructs to prevent proximal junctional kyphosis (PJK). This syndrome is a relatively common and serious complication following adult spinal deformity surgery. Studies show that up to 40% of patients who have undergone spinal deformity surgery develop PJK and may need to be reoperated<sup>2</sup>.



Use of JAZZ™ PF creates a stiffness gradient, between the upper instrumented vertebrae and the tethered proximal segmental level.

Having obtained CE marking in Europe and 510(k) regulatory clearance from FDA in the United States, this solution is quick and easy to use and requires no specific instrumentation.

**William Barrick, MD of Orthopedic Associates of Dutchess County, said:** *“I have been using Implanet’s Jazz Band for some time, with excellent results in complex adult spinal deformity indications. The addition of JAZZ™ PF to Implanet’s range is a major breakthrough in the protection of the adjacent level. This new implant has been easy to use during the first surgical procedures and has supplied encouraging early post-operative clinical results. We will monitor these patients to confirm these results over the longer term. I believe that JAZZ™ PF will rapidly become an essential tool for spine surgeons.”*

**Ludovic Lastennet, CEO of IMPLANET, added:** *“JAZZ™ PF provides a response both to the issues surgeons face in degenerative disorders and more importantly to the budgetary requirements placed on American healthcare facilities during this post-pandemic period. This new implant was launched in Europe last September, and the marketing of this unique solution on the US market by our Implanet America team began during the final quarter of 2021. This concept has rapidly generated considerable interest from spine surgeons specializing in the treatment of large deformities in adults, the first step in positioning ourselves in this large-scale market estimated at 37,000 surgical procedures and to be worth \$348 million a year. For the first time, we have a universal solution that can be used in 25 to 30% of procedures.”*

<sup>1</sup> Source Global Market 2018

<sup>2</sup> Lau D, Clark AJ, Scheer JK, Daubs MD, Coe JD, Paonessa KJ, LaGrone MO, Kasten MD, Amaral RA, Trobisch PD, Lee JH, Fabris-Monterumici D, Anand N, Cree AK, Hart RA, Hey LA, Ames CP; SRS Adult Spinal Deformity Committee. Proximal junctional kyphosis and failure after spinal deformity surgery: a systematic review of the literature as a background to classification development. *Spine* 2014 Dec 1;39(25):2093-2102.

## About proximal junctional kyphosis

Proximal junctional kyphosis (PJK) can lead to proximal junctional failure (PJF), a progressive complication of adult spine surgery that regularly requires revision surgery. 66% of PJK cases generally occur within 3 months of surgery<sup>3</sup> and up to 40% of adult patients having undergone spinal deformity surgery develop PJF<sup>2</sup>. Risk factors include overcorrection, undercorrection, excessive ligament dissection and osteoporosis<sup>4</sup>.

## About IMPLANET

Founded in 2007, IMPLANET is a medical technology company that manufactures high-quality implants for orthopedic surgery. Its activity revolves around a comprehensive innovative solution for improving the treatment of spinal pathologies (JAZZ®) complemented by the product range offered by Orthopaedic & Spine Development (OSD), acquired in May 2021 (thoraco-lumbar screws, cages and cervical plates). Implanet's tried-and-tested orthopedic platform is based on the traceability of its products. Protected by four families of international patents, JAZZ® has obtained 510(k) regulatory clearance from the Food and Drug Administration (FDA) in the United States, the CE mark in Europe and ANVISA approval in Brazil. IMPLANET employs 29 staff and recorded a consolidated revenue of €7.7 million in 2021. Based near Bordeaux in France, IMPLANET opened a US subsidiary in Boston in 2013. IMPLANET is listed on the Euronext Growth market in Paris. For further information, please visit [www.implanet.com](http://www.implanet.com).

The Company would like to remind readers that the table for monitoring the equity line (OCA, BSA) and the number of shares outstanding is available on its website: <http://www.implanet-invest.com/suivi-des-actions-80>

## Contacts

### IMPLANET

Ludovic Lastennet, CEO  
David Dieumegard, CFO  
Tel.: +33 (0)5 57 99 55 55  
[investors@Implanet.com](mailto:investors@Implanet.com)

### NewCap

Investor Relations  
Mathilde Bohin / Nicolas Fossiez  
Tel.: +33 (0)1 44 71 94 94  
[implanet@newcap.eu](mailto:implanet@newcap.eu)

### NewCap

Media Relations  
Arthur Rouillé  
Tel.: +33 (0)1 44 71 00 15  
[implanet@newcap.eu](mailto:implanet@newcap.eu)

<sup>3</sup> Yagi M, Rahm M, Gaines R, Maziad A, Ross T, Kim HJ, Kebaish K, Boachie-Adjei O; Complex Spine Study Group. Characterization and surgical outcomes of proximal junctional failure in surgically treated patients with adult spinal deformity. *Spine* 2014 May 1;39(10):E607-614.

<sup>4</sup> Liu FY, Wang T, Yang SD, Wang H, Yang DL, Ding WY. Incidence and risk factors for proximal junctional kyphosis: a meta-analysis. *Eur Spine J.* 2016 Aug;25(8):2376-2383