



Pacira BioSciences Reports Real-World Study Showing EXPAREL® Use Was Associated with Reduced Opioid Use and Healthcare Costs in Patients Undergoing Total Shoulder Arthroplasty

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Findings presented at ISPOR 2026 showed lower opioid consumption, reduced healthcare costs, and fewer opioid-related adverse events associated with EXPAREL use

BRISBANE, Calif., May 27, 2026 (GLOBE NEWSWIRE) -- Pacira BioSciences, Inc. (NASDAQ: PCRX), the industry leader in its commitment to deliver innovative, non-opioid pain therapies to transform the lives of patients, today announced findings from a real-world study evaluating outcomes associated with the use of EXPAREL® (bupivacaine liposome injectable suspension) following outpatient total shoulder arthroplasty (TSA) in Medicare Advantage patients. The [study](#) was presented at ISPOR—The Professional Society for Health Economics and Outcomes Research 2026 Annual Meeting that was held May 17–20, 2026 in Philadelphia, PA.

The retrospective analysis assessed more than 6,400 opioid-naïve Medicare Advantage patients undergoing outpatient TSA and compared outcomes between those receiving EXPAREL and those receiving standard-of-care analgesia. Data was analyzed from Optum Clinformatics® from July 2019 to December 2024. As a retrospective observational analysis, the study identifies associations and may be subject to the limitations inherent in claims-based research. The study evaluated healthcare costs, opioid intake, and opioid-related adverse events over 90 days following surgery.

“As shoulder surgical procedures continue to rise with an aging population, these findings add to the growing body of real-world evidence evaluating non-opioid approaches to postsurgical pain management,” said Brendan Teehan, Chief Commercial Officer at Pacira. “In this retrospective study, EXPAREL use was associated with lower opioid use, fewer opioid-related adverse events, and lower healthcare costs compared with standard analgesia. This type of clinical and economic data is increasingly relevant as providers, payers, and health systems evaluate strategies to reduce opioid exposure and overall healthcare burden.”

These findings come at a time of increasing national focus on expanding access to non-opioid pain management options, including through policies such as the NOPAIN Act, which aims to improve reimbursement among the Medicare population for non-opioid therapies in outpatient settings. Together, these efforts underscore the importance of evidence-based approaches that may help reduce opioid exposure and overall healthcare burden in appropriate postsurgical settings.

About Pacira

Pacira delivers innovative, non-opioid pain therapies to transform the lives of patients. Pacira has three commercial-stage non-opioid treatments: EXPAREL® (bupivacaine liposome injectable suspension), a long-acting local anesthetic currently approved for infiltration, fascial plane block, and as an interscalene brachial plexus nerve block, an adductor canal nerve block, and a sciatic nerve block in the popliteal fossa for postsurgical pain management; ZILRETTA® (triamcinolone acetonide extended-release injectable suspension), an extended-release, intra-articular injection indicated for the management of osteoarthritis knee pain; and iovera®, a novel, handheld device for delivering immediate, long-acting, drug-free pain control using precise, controlled doses of cold temperature to a targeted nerve. The company is also advancing a pipeline of clinical-stage assets for musculoskeletal pain and adjacencies, its most advanced product candidate, PCRX-201 (enekenragene inzadenovec), a novel locally administered gene therapy, is in Phase 2 clinical development for osteoarthritis of the knee. To learn more about Pacira, visit www.pacira.com

About EXPAREL® (bupivacaine liposome injectable suspension)

EXPAREL is indicated to produce postsurgical local analgesia via infiltration in patients aged 6 years and older, and postsurgical regional analgesia via an interscalene brachial plexus block in adults, a sciatic nerve block in the popliteal fossa in adults, and an adductor canal block in adults. The safety and effectiveness of EXPAREL have not been established to produce postsurgical regional analgesia via other nerve blocks besides an interscalene brachial plexus nerve block, a sciatic nerve block in the popliteal fossa, or an adductor canal block. The product combines bupivacaine with multivesicular liposomes, a proven product delivery technology that delivers medication over a desired time period. EXPAREL represents the first and only multivesicular liposome local anesthetic that can be utilized in the peri- or postsurgical setting. By utilizing the multivesicular liposome platform, a single dose of EXPAREL delivers bupivacaine over time, providing significant reductions in cumulative pain scores with up to a 78 percent decrease in opioid consumption; the clinical benefit of the opioid reduction was not demonstrated. Additional information is available at www.EXPAREL.com.

Important Safety Information about EXPAREL for Patients

EXPAREL should not be used in obstetrical paracervical block anesthesia. In studies in adults where EXPAREL was injected into

a wound, the most common side effects were nausea, constipation, and vomiting. In studies in adults where EXPAREL was injected near a nerve, the most common side effects were nausea, fever, and constipation. In the study where EXPAREL was given to children, the most common side effects were nausea, vomiting, constipation, low blood pressure, low number of red blood cells, muscle twitching, blurred vision, itching, and rapid heartbeat. EXPAREL can cause a temporary loss of feeling and/or loss of muscle movement. How much and how long the loss of feeling and/or muscle movement depends on where and how much of EXPAREL was injected and may last for up to 5 days. EXPAREL is not recommended to be used in patients younger than 6 years old for injection into the wound, for patients younger than 18 years old, for injection near a nerve, and/or in pregnant women. Tell your health care provider if you or your child has liver disease, since this may affect how the active ingredient (bupivacaine) in EXPAREL is eliminated from the body. EXPAREL should not be injected into the spine, joints, or veins. The active ingredient in EXPAREL can affect the nervous system and the cardiovascular system; may cause an allergic reaction; may cause damage if injected into the joints; and can cause a rare blood disorder.

Forward-Looking Statements

Any statements in this press release about Pacira's future expectations, plans, trends, outlook, projections and prospects, and other statements containing the words "believes," "anticipates," "plans," "estimates," "expects," "intends," "may," "will," "would," "could," "can" and similar expressions, constitute forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the Private Securities Litigation Reform Act of 1995, including, without limitation, statements related to: the contributions of new directors; '5x30', our growth and business strategy, our future outlook, the strength and efficacy of our intellectual property protection and patent terms, our future growth potential and future financial and operating results and trends, our plans, objectives, expectations (financial or otherwise) and intentions, including our plans with respect to the repayment of our indebtedness, anticipated product portfolio and product development programs, strategic alliances, plans with respect to the Non-Opioids Prevent Addiction in the Nation ("NOPAIN") Act and any other statements that are not historical facts. For this purpose, any statement that is not a statement of historical fact should be considered a forward-looking statement. We cannot assure you that our estimates, assumptions and expectations will prove to have been correct. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including risks relating to, among others: risks associated with acquisitions, such as the risk that the acquired businesses and/or assets will not be integrated successfully, that such integration may be more difficult, time-consuming or costly than expected or that the expected benefits of the transaction will not occur; our manufacturing and supply chain, global and United States economic conditions (including tariffs, inflation and rising interest rates), and our business, including our revenues, financial condition, cash flows and results of operations; the success of our sales and manufacturing efforts in support of the commercialization of EXPAREL, ZILRETTA and iovera[®]; the rate and degree of market acceptance of EXPAREL, ZILRETTA and iovera[®]; the size and growth of the potential markets for EXPAREL, ZILRETTA and iovera[®] and our ability to serve those markets; our plans to expand the use of EXPAREL, ZILRETTA and iovera[®] to additional indications and opportunities, and the timing and success of any related clinical trials for EXPAREL, ZILRETTA, iovera[®] and any of our other product candidates, including but not limited to PCRX-201; the commercial success of EXPAREL, ZILRETTA and iovera[®]; the related timing and success of United States Food and Drug Administration supplemental New Drug Applications and premarket notification 510(k)s; the related timing and success of European Medicines Agency Marketing Authorization Applications; our plans to evaluate, develop and pursue additional product candidates utilizing our proprietary multivesicular liposome ("pMVL") drug delivery technology or our proprietary high-capacity adenovirus ("HCAAd") vector platform; the approval of the commercialization of our products in other jurisdictions (by either us or our partners); clinical trials in support of an existing or potential pMVL- or HCAAd-based product; our commercialization and marketing capabilities; our ability to successfully complete capital projects; the outcome of any litigation; the recoverability of our deferred tax assets; assumptions associated with contingent consideration payments; assumptions used for estimated future cash flows associated with determining the fair value of the company; the anticipated funding or benefits of our share repurchase program; and factors discussed in the "Risk Factors" of our most recent Annual Report on Form 10-K and in other filings that we periodically make with the Securities and Exchange Commission (the "SEC"). In addition, the forward-looking statements included in this press release represent our views as of the date of this press release. Important factors could cause actual results to differ materially from those indicated or implied by forward-looking statements, and as such we anticipate that subsequent events and developments will cause our views to change. Except as required by applicable law, we undertake no intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, and readers should not rely on these forward-looking statements as representing our views as of any date subsequent to the date of this press release.

These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to differ materially from those expressed or implied by these statements. These factors include the matters discussed and referenced in the "Risk Factors" of our most recent Annual Report on Form 10-K and in other filings that we periodically make with the SEC.

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