



**FOR IMMEDIATE RELEASE**  
**PRESS RELEASE**  
May 25, 2010

**ANGIOTECH'S LICENSEE, COOK MEDICAL, ANNOUNCES SINGLE-ARM STUDY  
REVEALS 86.2 PERCENT SFA VESSEL PATENCY FOR ZILVER® PTX™**

VANCOUVER, BC, May 25, 2010 – Angiotech Pharmaceuticals, Inc. (NASDAQ: ANPI, TSX: ANP) today announced Cook Medical, a license holder of Angiotech's paclitaxel technology, presented one-year data at Euro PCR that confirms sustained clinical outcomes with Cook Medical's drug-eluting peripheral stent, Zilver® PTX™. According to data presented today by Prof. Dierk Scheinert, medical director at Park Hospital Leipzig, 86.2% of all patient subgroups treated with Zilver PTX Drug-Eluting Peripheral Stent demonstrated vessel patency at 12 months<sup>1</sup> without the requirement for an additional intervention.

The data were collected as part of the world's largest clinical study of endovascular treatment for peripheral arterial disease (PAD) in the superficial femoral artery (SFA). The trial is based on a group of 787 patients, including symptomatic patients, diabetics, and those with the most complex lesions, including long lesions, total occlusions and in-stent restenosis.

The single-arm study also revealed:

- A low stent fracture rate of just 1.5 per cent
- On average a greater than 50 per cent reduction in restenosis compared to published studies on bare-metal and other drug-eluting stents<sup>2</sup>
- Improved clinical outcomes at 12 months according to all four key clinical indicators (ABI, Rutherford Score, walking speed and walking distance)

"I think the patency data look great. A greater than 50 per cent reduction of restenosis is quite impressive and surprising in a positive way," said Dr. Scheinert, a clinical investigator in the trial. "I'm looking forward to the final data from the randomized study, which could confirm this as a major step forward in treating severe lesions within the SFA."

Rob Lyles, vice president and global leader of Cook Medical's Peripheral Intervention division, commented, "With sustained patency and improved clinical outcomes, the Zilver PTX drug-eluting stent offers both clinicians and patients a revolutionary new alternative. Zilver PTX fundamentally changes the landscape of endovascular SFA treatment."

"Angiotech is excited by these encouraging top line clinical results as our partner, Cook Medical, further validates the effectiveness of paclitaxel for treatment of peripheral vascular disease (PVD)," said Dr. William Hunter, President and CEO of Angiotech. "We are optimistic that the full results of this trial will

---

<sup>1</sup> Doppler tests (utilising PVSR < 2.5) at 12 month check-up confirmed that the patient's vessel remained open in 86.2 per cent of cases

<sup>2</sup> FAST: [www.vascularweb.org/Annual\\_Meeting/Abstracts/2006/Bosiers\\_The\\_Femoral\\_Artery\\_Stenting\\_Trial\\_.html](http://www.vascularweb.org/Annual_Meeting/Abstracts/2006/Bosiers_The_Femoral_Artery_Stenting_Trial_.html)

Durability: [www.clinicaltrials.gov/ct2/show/NCT00530712?term=DURABILITY+II&rank=1](http://www.clinicaltrials.gov/ct2/show/NCT00530712?term=DURABILITY+II&rank=1)

Absolute: [www.clinicaltrials.gov/ct2/show/NCT00180505?term=absolute&cond=peripheral+arterial+disease&cntry1=EU%3ABE&rank=2](http://www.clinicaltrials.gov/ct2/show/NCT00180505?term=absolute&cond=peripheral+arterial+disease&cntry1=EU%3ABE&rank=2)

STRIDES: [www.clinicaltrials.gov/ct2/show/NCT00475566?term=STRIDES+%2B+lammer&rank=1](http://www.clinicaltrials.gov/ct2/show/NCT00475566?term=STRIDES+%2B+lammer&rank=1)

support Cook's application with the FDA to become the first drug-coated peripheral stent available for the management of the millions of patients suffering from PVD in the United States."

### **About Zilver PTX**

The Zilver PTX stent was CE Marked in August 2009 and has been made available in Europe since September of 2009. It is the first drug-eluting stent indicated for treating PAD in the SFA, an often difficult-to-treat blood vessel in the leg.

Upon deployment, the Zilver PTX stent expands and holds open the artery to restore blood flow. It then delivers the drug paclitaxel to the cells in the vessel wall to reduce the risk of new blockages forming. In a major advance over previous drug-eluting technologies, the Zilver PTX achieves targeted drug delivery without using a polymer to adhere the drug to the stent body. This eliminates the potential patient risks associated with polymer-coated devices, including clot formation and inflammation.

Cook licenses the rights to use paclitaxel on peripheral stents and other non-coronary medical devices from Angiotech. In the United States, the Zilver PTX Drug-Eluting Stent is an investigational device not available for sale at this time. This Zilver PTX Drug Eluting Stent Trial is being conducted at various sites in the U.S. and outside of the U.S. in support of Cook's application to the FDA for regulatory approval in the U.S.

### **About PAD**

Peripheral arterial disease (PAD), is caused by atherosclerosis – the build-up of fatty deposits (atheroma) within the lining of the arteries. The most common symptom of PAD is leg pain during exercise. Over time the arteries may narrow due to atherosclerosis, resulting in a reduction in blood flow. Severely reduced blood flow in the limbs is also known as critical limb ischemia (CLI). It is characterized by leg pain at rest, non-healing wounds, and gangrene, and may lead to amputation of the limb.

### **Forward Looking Statements**

Statements contained in this press release that are not based on historical fact, including without limitation statements containing the words "believes," "may," "plans," "will," "estimates," "continues," "anticipates," "intends," "expects" and similar expressions, constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and constitute "forward-looking information" within the meaning of applicable Canadian securities laws. All such statements are made pursuant to the "safe harbor" provisions of applicable securities legislation. Forward-looking statements may involve, but are not limited to, comments with respect to our objectives and priorities for the remainder of 2010 and beyond, our strategies or future actions, our targets, expectations for our financial condition and the results of, or outlook for, our operations, research and development and product and drug development. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, events or developments to be materially different from any future results, events or developments expressed or implied by such forward-looking statements. Many such known risks, uncertainties and other factors are taken into account as part of our assumptions underlying these forward-looking statements and include, among others, the following: general economic and business conditions in the United States, Canada and the other regions in which we operate; market demand; technological changes that could impact our existing products or our ability to develop and commercialize future products; competition; existing governmental legislation and regulations and changes in, or the failure to comply with, governmental legislation and regulations; availability of financial reimbursement coverage from governmental and third-party payers for products and related treatments; adverse results or unexpected delays in pre-clinical and clinical product development processes; adverse findings related to the safety and/or efficacy of our products or products sold by our partners; decisions, and the timing of decisions, made by health regulatory agencies regarding approval of our technology and products; the requirement for substantial funding to conduct research and development, to expand manufacturing and commercialization activities; and any other factors that may affect our performance. In addition, our business is subject to certain operating risks that may cause any results expressed or implied by the forward-looking statements in this press release to differ materially from our actual results. These

operating risks include: our ability to attract and retain qualified personnel; our ability to successfully complete pre-clinical and clinical development of our products; changes in our business strategy or development plans; our failure to obtain patent protection for discoveries; loss of patent protection resulting from third-party challenges to our patents; commercialization limitations imposed by patents owned or controlled by third parties; our ability to obtain rights to technology from licensors; liability for patent claims and other claims asserted against us; our ability to obtain and enforce timely patent and other intellectual property protection for our technology and products; the ability to enter into, and to maintain, corporate alliances relating to the development and commercialization of our technology and products; market acceptance of our technology and products; our ability to successfully manufacture, market and sell our products; the availability of capital to finance our activities; our ability to restructure and to service our debt obligations; and any other factors referenced in our other filings with the applicable Canadian securities regulatory authorities or the Securities and Exchange Commission (“SEC”). For a more thorough discussion of the risks associated with our business, see the “Risk Factors” section in our annual report for the year ended December 31, 2009 filed with the SEC on Form 10-K, as amended, and our quarterly report for the first quarter of 2010 filed with the SEC on Form 10-Q.

Given these uncertainties, assumptions and risk factors, investors are cautioned not to place undue reliance on such forward-looking statements. Except as required by law, we disclaim any obligation to update any such factors or to publicly announce the result of any revisions to any of the forward-looking statements contained in this press release to reflect future results, events or developments.

©2010 Angiotech Pharmaceuticals, Inc. All Rights Reserved.

#### **About Angiotech**

Angiotech Pharmaceuticals, Inc. is a global specialty pharmaceutical and medical device company. Angiotech discovers, develops and markets innovative treatment solutions for diseases or complications associated with medical device implants, surgical interventions and acute injury. To find out more about Angiotech (NASDAQ: ANPI, TSX: ANP), please visit our website at [www.angiotech.com](http://www.angiotech.com).

#### **About Cook Medical**

Founded in 1963, Cook Medical pioneered many of the medical devices now commonly used to perform minimally invasive medical procedures throughout the body. Today, the company integrates medical devices, drugs and biologics to enhance patient safety and improve clinical outcomes. Since its inception, Cook has operated as a family-held private corporation. For more information, visit [www.cookmedical.com](http://www.cookmedical.com).

#### **FOR ADDITIONAL INFORMATION:**

Rick Smith  
Investor Relations and Corporate Communications  
Angiotech Pharmaceuticals, Inc.  
(604) 221-6933  
[ir@angio.com](mailto:ir@angio.com)