Miracor Medical announces PiCSO presentations during PCR e-Course

June 22, 2020

Miracor Medical SA announces today that an update about PiCSO therapy will be presented during the upcoming PCR e-Course which will be held on June 25, 26 and 27 (https://www.pcronline.com/Courses/PCR-e-Course/).

PiCSO therapy (Pressure-Controlled Intermittent Coronary Sinus Occlusion) is delivered by interventional cardiologists during the primary PCI (Percutaneous Coronary Intervention) procedure in patients experiencing anterior ST-elevated myocardial infarction (STEMI).

Despite all improvements and widespread use of reperfusion strategies and adjuvant pharmacological therapies\(^1\) the one-year mortality rate for STEMI has plateaued at 14% and heart failure occurs in up to 28% of patients within the first 90 days\(^2\). However, via its unique mechanism of action, the PiCSO Impulse System reduces the infarct size by intermittently occluding the coronary sinus outflow leading to improved microcirculatory function. Infarct size is strongly associated with reductions in heart failure hospitalizations and reduced mortality\(^3\).

The CE Mark study (PiCSO in ACS\(^4\) study), which was recently published, and the OxAMI-PiCSO\(^5\) study, have confirmed that the use of the PiCSO Impulse System is associated with statistically significant infarct size reduction. Furthermore, OxAMI PICSO showed improvement of coronary microvascular function post PiCSO treatment by accelerating the coronary microcirculation recovery resulting in significantly lower IMR (Index of Microcirculatory Resistance) at 24 to 48 hours when compared to controls, also leading to overall infarct size reduction. The PiCSO Impulse System has received US Food and Drug Administration (FDA) Breakthrough Device Designation.

Two sessions will feature PiCSO clinical results:

- A 15’ wrap-up session “The PiCSO therapy to reduce infarct size and clear microcirculation in STEMI patients” on June 26 from 16.15 to 16.30 CET on the Case-Based Learning Channel. Drs William Wijns, Adrian Banning and Azeem Latib will discuss the latest update of PiCSO in anterior STEMI patients.

- A 5’ Investigator Interview titled “The latest experience with PiCSO in STEMI patients” on June 25 as of 16.00 CET on the Interviews and Roundtable Channel. Prof. Andreas Baumbach will interview Dr. Giovanni De Maria about his latest experience with PiCSO.

For complimentary registration and to participate in the PCR e-Course, please click here: https://www.pcronline.com/Courses/PCR-e-Course/Attend. The presentations will be available for replay during and after the e-Course.

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