

New Treatment Option for Refractory Angina Pectoris Using ESMR Therapy

(Extracorporeal Shockwave Myocardial Revascularization)

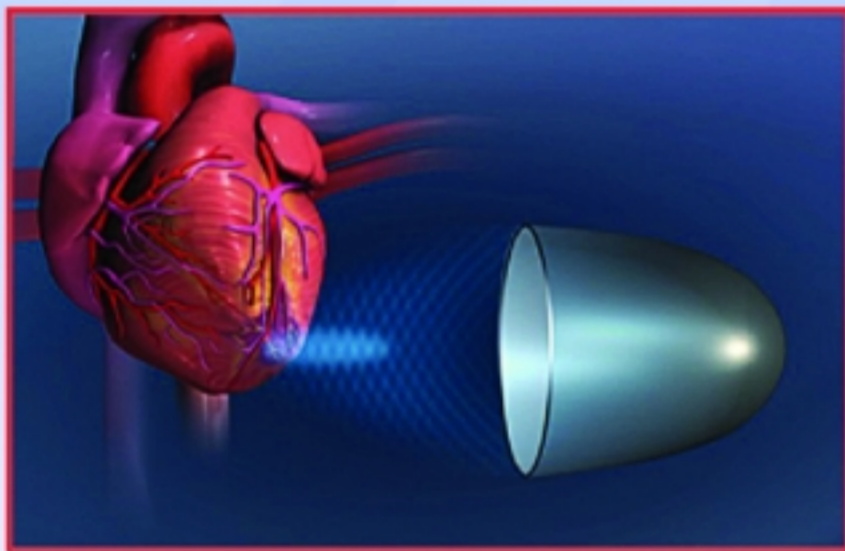
**You are cordially invited
to attend the Medispec**

ESMR WORKSHOP

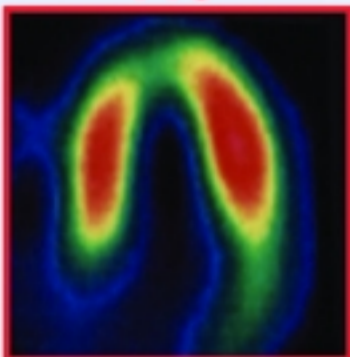
Monday September 1st, 2008

12:45 - 13:30 hrs

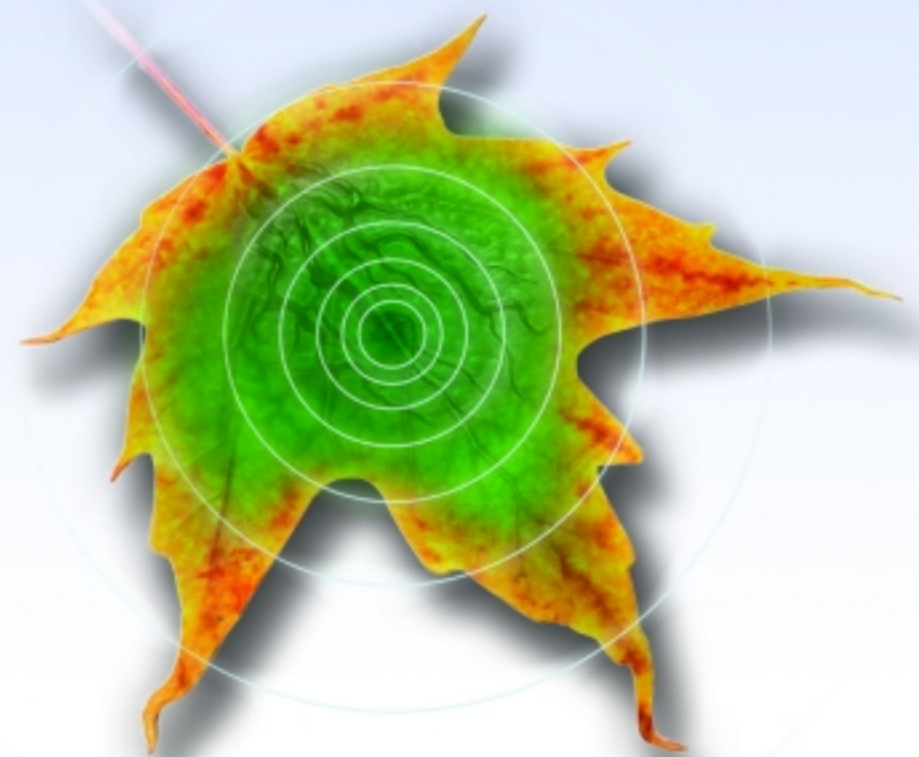
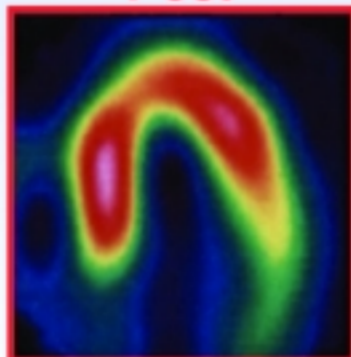
Room "Berne" (Zone C)



Pre



Post



To pre-register for this workshop,
please contact marketing@medispec.com

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FACULTY

Prof. R. Erbel, Germany

Prof. A. Lerman , USA

Prof. J. Waltenberger, The Netherlands

Dr. L. Faber, Germany

Dr. J. Vainer, The Netherlands

Dr. C. Naber, Germany

Management of patients with advanced coronary artery disease (CAD) is a major challenge for the cardiologist and cardiac surgeon. Surgical and interventional options for these patients typically have been exhausted or will result in only partial revascularization. Therefore, therapy remains limited to the use of multiple anti-anginal medications, reduced activity, exertion, and stress level, and significant alteration and limitation of lifestyle. A new Extracorporeal Shockwave Myocardial revascularization Therapy (ESMR) which couples the ability of low intensity shock waves to induce local angiogenesis to the therapy of angina is becoming a new alternative in the treatment of these patients.

The therapeutic effect of shock waves is attributed to the mechanical pressure and tension that the wave exerts on tissue. Delivery of low intensity shock waves cause shear stress on the vessel wall. This stimulates angiogenesis-related growth factors (eNOS, VEGF and PCNA), initiating the angiogenesis process.

ESMR offers new hope for these patients and provides non-invasive therapy which complement existing revascularization procedures.

We hope you will be able to join us for this important workshop session. Our international faculty will coconsider this challenge whilst reviewing the latest clinical data from the clinical practice perspective and invite you to take part in the post-presentation discussion.

PROGRAMME

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|-------|---|
| 12:45 | Introduction
R. Erbel (Essen, DE) |
| 12:49 | Refractory Angina - Scope of Problem
A. Lerman (Rochester, USA) |
| 12:56 | Therapeutic induction of coronary collateral vessels
J. Waltenberger (Maastricht, NL) |
| 13:03 | Echo-guided extracorporeal shock wave therapy improves refractory angina pectoris in patients with advanced coronary artery disease not suitable for revascularization
L. Faber (Bad Oeynhausen, DE) |
| 13:10 | Cardiac shockwave therapy ameliorates ischemia and symptoms in patients with end-stage coronary artery disease and chronic refractory angina pectoris
J. Vainer (Maastricht, NL) |
| 13:17 | New Treatment Option for Endstage CAD Patients Using Extracorporeal Shockwave Myocardial Revascularization Therapy (ESMR) Using Low Intensity Focused Shockwaves
C. Naber (Essen, DE) |
| 13:25 | Q&A |