In vivo noninvasive identification of cell composition of intimal lesions: A combined approach with ultrasonography and immunocytochemistry
M. Puato, MD, E. Faggin, PhD, M. Rattazzi, MD, M. Paterni, MS, M. Kozákova, MD, C. Palombo, MD, and P. Pauletto, MD, on behalf of the Study Group on Arterial Wall Structure, Padua and Pisa, Italy

L-Arginine improves endothelial vasoreactivity and reduces thrombogenicity after thrombolysis in experimental deep venous thrombosis
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Endovascular repair of a penetrating thoracic aortic ulcer by way of the carotid artery
Michael J. Heidenreich, MD, David G. Neschis, MD, Michael J. Costanza, MD, and William R. Flinn, MD, Baltimore, Md

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E. A. Henao, MD, W. Todd Bohannon, MD, and M. B. Silva, Jr, MD, Lubbock, Tex

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Vikram S. Kashyap, MD, Raymond Fang, MD, Colleen M. Fitzpatrick, MD, and Ryan T. Hagino, MD, San Antonio, Tex

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Combined with those methods, the hyperthermic session increases cancer cell sensitivity to the effects of the combined treatment, thus increasing survivability and improving the prognosis. MNPs can be potentially used to create a combined diagnosis and treatment method, based on acoustic detection and focused hyperthermic treatment. Magneto-opto-acoustic imaging, both in tissue like phantoms and in vivo in breast imaging was presented. However, the nanoparticles were not localized but only imaged. They were also not used for thermal treatment.