

Editorial

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Vita Cantisani

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Dear Colleagues,

it is a pleasure to introduce the present issue of *Ultrasound International Open* 2018.

It contains a concise but updated review written by experts from whole Europe about how to perform and interpret CEUS, including physical and technical basics, indications and applications and safety topics.

In addition, three original researches trying to address new applications of ultrasound are published – in respect of the will to innovation.

Dr. Arneberg et al. deal with the challenging issue of measuring uterine arterial blood flow with a novel application of US – PixelFlux – to predict fetal weight gain and birth weight.

Dr. Ewertsen et al. reported on the measurement of shear-wave normal reference values for neck and shoulder muscles in patients,

in order to provide a starting point for research in Tension Type Headache.

The third one, by Rosling et al., inquires whether there is a difference in CEUS patterns between Spontaneous and Traumatic Splenic Rupture and tries to address the diagnostic value of CEUS in the diagnosis of the underlying cause.

To conclude, an interesting case report discussing the role of US approach to the diagnosis of greater occipital nerve related recurrent occipital neuralgia is presented.

We hope these papers will be enthusiastically welcomed by you as they were by us.

Vito Cantisani