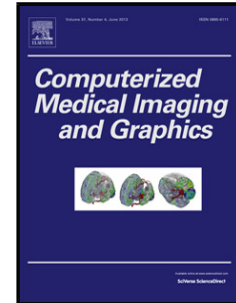


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Contrast-Enhanced Transthoracic Echocardiography Applied in Evaluation of Pulmonary Right-to-Left Shunt: A Preliminary Study

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Highlights

- This research aimed to investigate the detection rate of patent foramen ovale-right to left shunt and / or pulmonary-right to left shunt via contrast-enhanced transthoracic echocardiography in healthy participants, patients suffering from cryptogenic stroke and migraine with aura. And the conclusions is of great significance for clinical practice.
- Previous studies only focused on PFO-RLS, in terms of RLS related diseases. Recently, 25-50 umol physiological arteriovenous anastomotic branches or channels are commonly found in healthy human lungs, indicating P-RLS is not only derived from PAVMs. Although most studies have demonstrated that the RLS incidence rates of cryptogenic stroke and migraine aura are relatively higher, when compared with healthy populations, numerous issues still remain controversial. This finding can greatly contribute to physicians.

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