The first time she touched his heart, she wasn’t wearing gloves.

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When Dr. Emily Chan walked into the operating room, she already knew what to expect—she had, after all, been following the progress of her patient’s mitral valve disease for years.

Utilizing volumetric imaging and volume color Doppler quantification through eSie PISA™ volume analysis, Dr. Chan was able to confidently proceed with surgery for her patient’s asymptomatic mitral valve regurgitation. Measurements of the effective regurgitant orifice area, regurgitant volumes, and regurgitant fractions made without 2D geometric assumptions provided the extra insight and assurance she needed to schedule the surgery.

Siemens develops ultrasound solutions that provide vital information about the heart: detailed spatial resolution of intricate structure, real-time visualization of blood flow, and full-volume images made without stitching or gating. We pioneer ultrasound so that you can treat patients with confidence.

Siemens, The Ultrasound Pioneers.

Answers for life.
Aims and Scope

Cardiovascular Research is the international basic science journal of the European Society of Cardiology. The Journal is concerned with both basic and translational research, across different disciplines and areas, enhancing insight in cardiovascular disease mechanisms and the perspective for innovation. The Journal welcomes submission of papers both at the molecular, subcellular, cellular, organ, and organism level, and of clinical proof-of-concept and translational studies. Manuscripts may be submitted as Original Articles, Rapid Communications, or Reviews. Moreover, the Journal publishes Letters to the Editor and Editorials (the latter are usually invited).

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