Update: Cardiac Imaging

The Image of Cardiology

La imagen de la cardiología

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Technological development is a crucial aspect of world health, and its application has led to enormous advances in the diagnosis, treatment, and prognosis of cardiovascular disease. An analysis by Medicare revealed a 78% increase in cardiac computed tomography and cardiac magnetic resonance imaging in recent years. A similar pattern has been seen in Europe, with significant growth in the last decade.[1]

The integration of the various cardiac imaging techniques is highly important, which explains the wide acceptance of the term *multimodality*. This integration, which is essential in imaging and possibly even more so from the clinical point of view, has led to the emergence of integrated cardiovascular imaging units: these provide superior information and added value to the findings, with a previously unknown clinical and physiopathological correlation. Naturally, to correctly interpret and manage the information provided, it is essential to have a clear understanding of these techniques, a good foundation in cardiac imaging, and a wide knowledge of cardiac pathophysiology.

The aim of this "update" on cardiac imaging is not to create a textbook on cardiovascular imaging. Our intention is to provide an accessible account of the implications of advances in cardiovascular imaging diagnostic techniques in everyday cardiology.

CONFLICTS OF INTEREST

None declared.

REFERENCE

1. Francis SA, Daly C, Heydari B, Abbasi S, Shah RV, Kwong RY. Cost-effectiveness analysis for imaging techniques with a focus on cardiovascular magnetic resonance. J Cardiovasc Magn Reson. 2013;15:52.

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