

Three-Dimensional Computed Tomography of the Pulmonary Veins

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Computed tomography can be used to create high-quality three-dimensional images. An example of a confluent left pulmonary vein in a patient with idiopathic paroxysmal atrial fibrillation is shown in the figure. The common trunk (arrows) and individual branches

(arrowheads) are clearly seen. Thus, three-dimensional computed tomography of the heart may be useful for visualizing the pulmonary veins in patients with atrial fibrillation undergoing catheter ablation to isolate the pulmonary veins.

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