

Technology: [System and method for reconstructing cardiac activation information](#)

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Abstract An example system and method of reconstructing cardiac activation information are disclosed. In accordance therewith, there are accessed pairs of cardiac signals out of a plurality of cardiac signals obtained from a patient. The pairs have a first cardiac signal that is common among the pairs and second cardiac signals that are different among the pairs. The first cardiac signal and the second cardiac signals of the pairs are processed to identify points of change in the first cardiac signal at which a derivative of the first cardiac signal diverges with respect to derivatives of the second cardiac signals. An activation onset time is assigned at a point in the first cardiac signal based on correspondence of the points of change to define a cardiac activation indicating a beat.