Coupled blood pressure dynamics in magisterial and small arteries networks and its stabilizing effect on heart functioning within the framework of computer model

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Computer model coupled blood pressure dynamics in magisterial and small arteries networks and its stabilizing effect on heart functioning has been suggested. The Fermi-Pasta-Ulam auto recurrence in the description of the electrical activity of the heart has demonstrated the universal role of the FPU recurrence in the study of distributed dynamical systems. The heart e ...
Congenital disorders of cardiac repolarization are associated with risk of serious arrhythmias and sudden death. The Long QT Syndrome (LQTS) is well-established to predispose towards torsades de pointes [1].