Predignosis of arrhythmia-An ANN approach

By Alka Vishwa

LAP Lambert Academic Publishing Jun 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x5 mm. Neuware - Medical survey and studies highlights cardiovascular diseases as the prime cause for the loss of human lives. Overall impact of the cardiovascular diseases results in sublime demands for attention towards the objective of having early, quick and reliable identification of the symptoms. The advances in the field of technology have offered a platform over which one of the biggest challenges of the medical sciences can be analyzed for better solutions. The electrocardiogram (ECG), used for pre-diagnosis of the cardiovascular diseases, signifies the scope of technology and its involvement in medical sciences. For the measurement or understanding of electrical impulses and their activity in the heart ECG can be used. Electrocardiogram will be effectively used for non evasive detection of the vas diseases.This project avails the capability of Artificial Neural Network Techniques or ANN to analyze information of the patient records suffering from cardiovascular diseases & draws classification, that whether the patient is suffering from arrhythmia or not. 80 pp. Englisch.

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