

Summary

Both minor or major cardiac injury affects health and it even might lead to death. Besides ECG, laboratory examination of cardiac markers is used to define diagnosis.

Laboratory testing of cardiac markers and their monitoring leads to a better care and treatment of patients. Some markers can be used as indicators of a current status of ischemia, others, such as natriuretic peptides, mostly help to confirm or disapprove cause of the complications.

This bachelor thesis consists of two parts. First part focuses on clinical indications used to define the cardiac markers. Heart diseases associated with atherosclerosis form the focal point of the first part. The second part deals with the cardiac markers themselves. They are sorted in a historical order, starting with the older markers up to the current ones, with an lookout at the potential cardiac markers of the future.

The work in front of you, in my opinion, fulfills its aim and summarizes the information on the subject of cardiac markers.