SCREENING CAN SAVE LIVES

5 minutes evaluation time

Unique visualization of results

98% sensitivity of automatic interpretation

100% Seattle criteria compliance

Minimize misdiagnoses in athletes

PREVENTION OF SUDDEN CARDIAC DEATH
**SUDDEN CARDIAC DEATH IN YOUNG ATHLETES**

Sudden cardiac death (SCD) is the leading cause of sudden death in young physically active people. It appears without warning and causes an immediate collapse of the affected person. The most common causes of SCD in people up to the age of 35 are hereditary hidden heart disorders.

**SEATTLE CRITERIA**

The Seattle criteria help to distinguish between normal adaptive myocardium changes (so-called athlete's heart) from pathological myocardium changes and to determine the SCD risk in physically active people and athletes. It is a complex of standardised parameters designed by a group of experts in cardiology and sport medicine.

The methodology is recognised by the following institutions: ESC (European Society of Cardiology), AMSSM (American Medical Society for Sports Medicine), F-MARC (FIFA Medical Assessment and Research Center) and supported by the ACC (American College of Cardiology).

**BTL CARDIOPoint® SDS**

The BTL CardioPoint® SDS is an automatized computer ECG evaluation system which is based on the Seattle criteria. It significantly simplifies ECG interpretation, makes it faster and more accurate for the physically active population. Furthermore, it reduces the rate of false-positive results. The SDS module is a part of routine rest ECG examination.

The BTL CardioPoint® is a universal software solution integrating rest ECG, load ERGO test, Holter ECG, ABPM and Spirometry modules into uniform platform with a single patient database and a single control system.

**IMMEDIATE SEATTLE CRITERIA EVALUATION**

1. The suspect points are marked directly in the signal.

2. A detailed view of the suspect points and the possibility to check the borderline parameters.