

5223.0570 ORGANIC HEART DISEASE.

Subpart 1. **General.** For permanent partial impairment due to organic heart disease, the disability of the whole body is as provided in subparts 2 and 3.

Subp. 2. **Organic heart disease.** Signs or symptoms of organic heart disease are documented, there is anatomic loss or alteration as demonstrated by angiography or nuclear medicine study.

Objective evidence of myocardial infarction is documented, that is, cardiac enzymes or EKG changes:

A. uncomplicated, five percent;

B. with persistent abnormal cardiac function, the rating is as provided in subpart 3 and combined as described in part 5223.0300, subpart 3, item E, with five percent.

Subp. 3. **Exercise limitation.** Signs or symptoms of organic heart disease are documented, there is anatomic loss or alteration as demonstrated on angiography or nuclear medicine study. The percentage of disability is determined by the loss of functional exercise capacity as measured by Bruce protocol exercise stress test or nuclear isotope exercise study.

A. Able to exercise to a VO₂ max greater than 25 milliliters per kilogram each minute, zero percent.

B. Exercise stress test or exercise study stopped at or VO₂ max of 25 milliliters per kilogram each minute but after 22 milliliters per kilogram each minute due to development of diagnostic ischemic changes, arrhythmia, pathological change in blood pressure or blood pressure-heart rate product, or the development of objective clinical signs of cardiac dysfunction, or dyspnea with rales on auscultation, or chest pain relieved by nitroglycerin, ten percent.

C. Exercise stress test or exercise study stopped at or before VO₂ max of 22 milliliters per kilogram each minute but after 19 milliliters per kilogram each minute due to development of diagnostic ischemic changes, arrhythmia, pathological change in blood pressure or blood pressure-heart rate product, or the development of objective clinical signs of cardiac dysfunction, or dyspnea with rales on auscultation, or chest pain relieved by nitroglycerin, 25 percent.

D. Exercise stress test or exercise study stopped at or before VO₂ max 19 milliliters per kilogram each minute but after 15 milliliters per kilogram each minute due to development of diagnostic ischemic changes, arrhythmia, pathological change in blood pressure or blood pressure-heart rate product, or the development of objective clinical signs of cardiac dysfunction, or dyspnea with rales on auscultation, or chest pain relieved by nitroglycerin, 50 percent.

E. Exercise stress test or exercise study stopped at or before VO2 max of 15 milliliters per kilogram each minute but after seven milliliters per kilogram each minute due to development of diagnostic ischemic changes, arrhythmia, pathological change in blood pressure or blood pressure-heart rate product, or the development of objective clinical injury of cardiac dysfunction, or dyspnea with rales on auscultation, or chest pain relieved by nitroglycerin, 75 percent.

F. Exercise stress test or exercise study stopped before a VO2 max of seven milliliters per kilogram each minute due to development of diagnostic ischemic changes, arrhythmia, pathological change in blood pressure or blood pressure-heart rate product, or the development of objective clinical signs of cardiac dysfunction, or dyspnea with rales on auscultation, or chest pain relieved by nitroglycerin, 95 percent.

G. Diagnostic ischemic changes at rest, 95 percent.

Statutory Authority: *MS s 176.105*

History: *17 SR 3364*

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