

Clinical trials of screening for CAD

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1 diabetes type 2

Trial	Treatments	Patients	Trials design and methods
screening for CAD vs no screening			
DIAD , 2009 [NCT00769275] n=561/562 follow-up: 4.8 years	screening with adenosine-stress radionuclide myocardial perfusion imaging (MPI) versus no screening	participants with type 2 diabetes and no symptoms of CAD	Parallel groups open USA, Canada
DYNAMIT , 2010 [NCT00627783] n=316/315 follow-up:	screening for silent ischemia using a bicycle exercise test or Dipyridamole Single Photon Emission Computed Tomography versus no screening	diabetic patients with no evidence of coronary artery disease and at least 2 additional cardiovascular risk factors	Parallel groups open France

More details and results :

- screening for CAD for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q285>

References

DIAD, 2009:

Young LH, Wackers FJ, Chyun DA, Davey JA, Barrett EJ, Taillefer R, Heller GV, Iskandrian AE, Wittlin SD, Filipchuk N, Ratner RE, Inzucchi SE Cardiac outcomes after screening for asymptomatic coronary artery disease in patients with type 2 diabetes: the DIAD study: a randomized controlled trial. JAMA 2009 Apr 15;301:1547-55 [19366774]

Wackers FJ, Young LH, Inzucchi SE, Chyun DA, Davey JA, Barrett EJ, Taillefer R, Wittlin SD, Heller GV, Filipchuk N, Engel S, Ratner RE, Iskandrian AE Detection of silent myocardial ischemia in asymptomatic diabetic subjects: the DIAD study. Diabetes Care 2004 Aug;27:1954-61 [15277423]

Young LH, Wackers FJ, Chyun DA, Davey JA, Barrett EJ, Taillefer R, Heller GV, Iskandrian AE, Wittlin SD, Filipchuk N, Ratner RE, Inzucchi SE Cardiac outcomes after screening for asymptomatic coronary artery disease in patients with type 2 diabetes: the DIAD study: a randomized controlled trial. JAMA 2009;301:1547-55 [19366774]

DYNAMIT, 2010:

Lievre MM, Moulin P, Thivolet C, Rodier M, Rigalleau V, Penfornis A, Pradignac A, Ovize M Detection of silent myocardial ischemia in asymptomatic patients with diabetes: results of a randomized trial and meta-analysis assessing the effectiveness of systematic screening. Trials 2011 Jan 26;12:23 [21269454] 10.1186/1745-6215-12-23