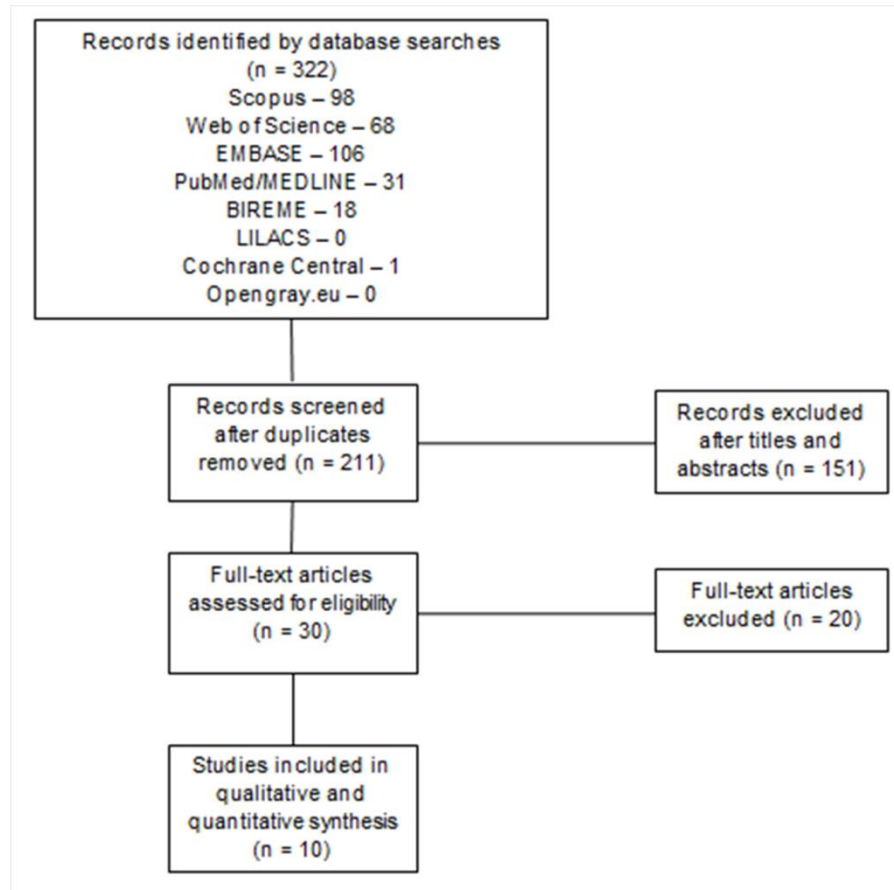
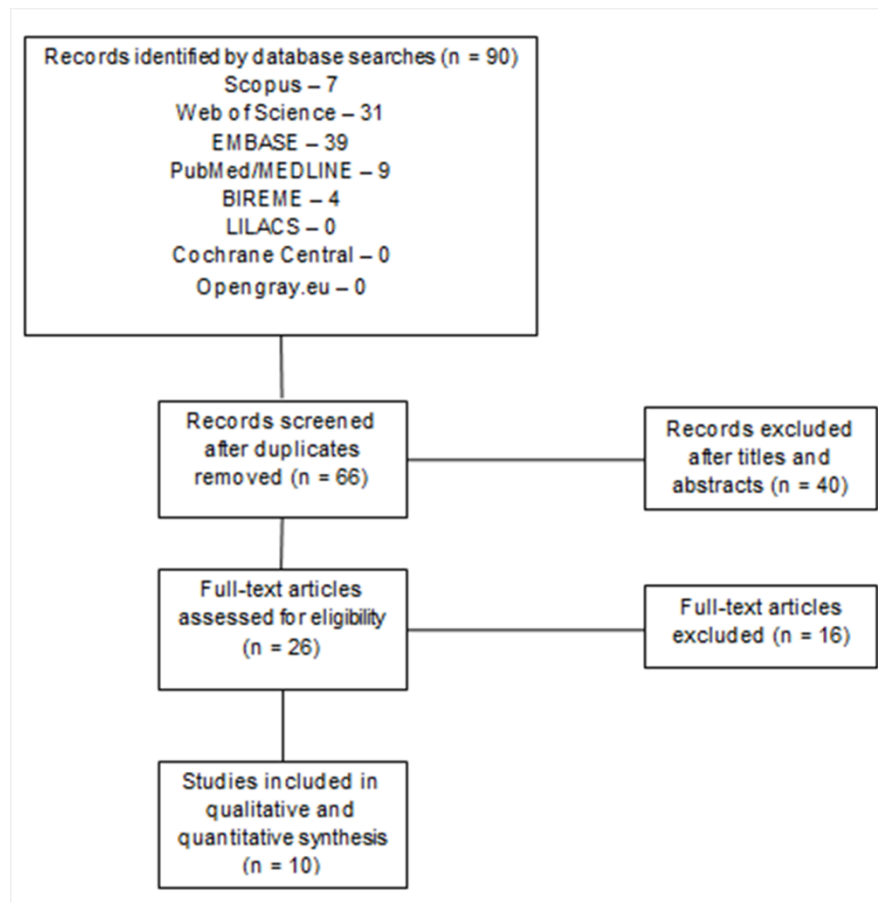


## SUPPLEMENTAL FIGURE LEGENDS

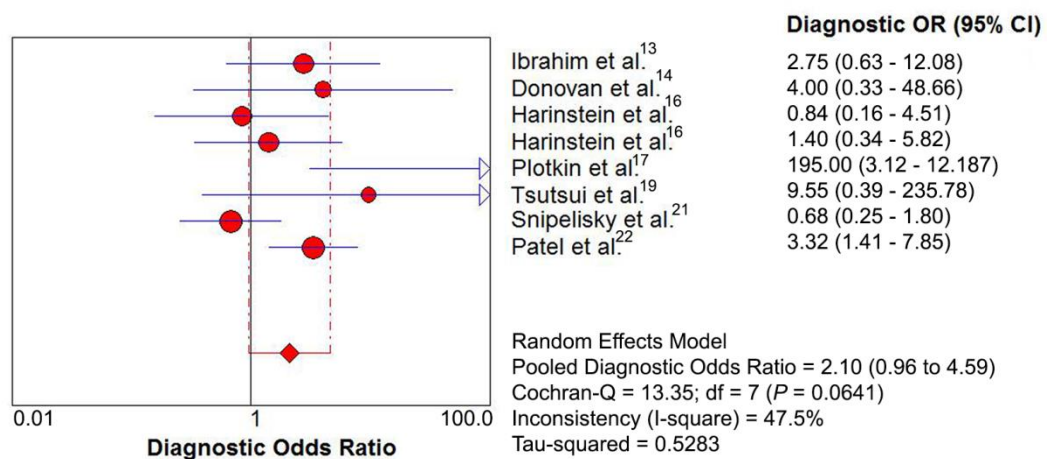
**Supplemental Figure 1.** Flowchart for the search strategy – dobutamine stress echocardiography (DSE).



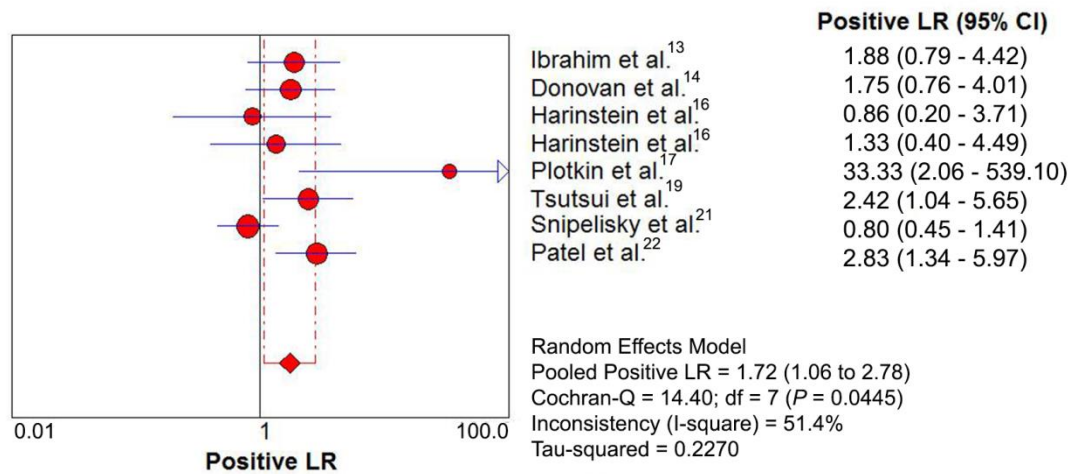
**Supplemental Figure 2.** Flowchart for the search strategy – myocardial perfusion scintigraphy (MPS).



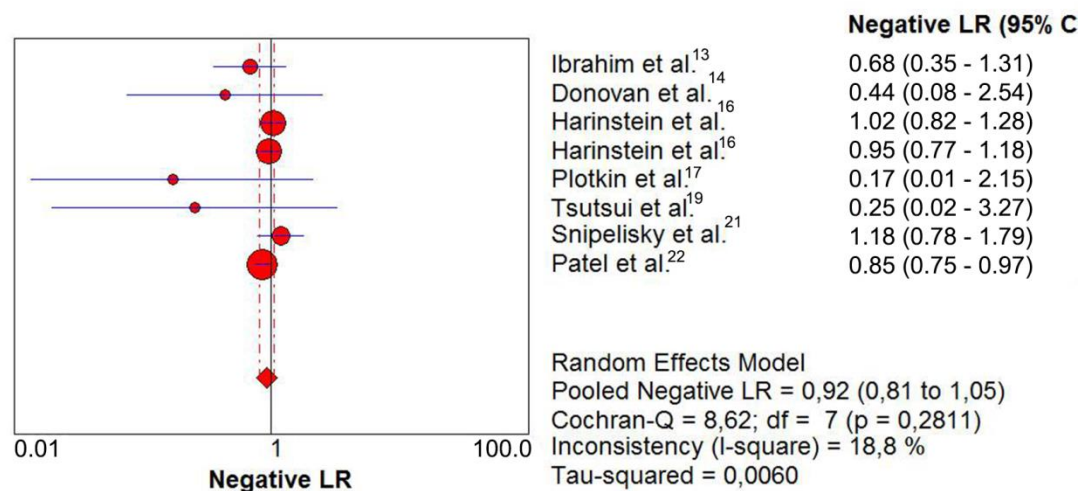
**Supplemental Figure 3.** Forest Plot for Diagnostic Odds Ratio – dobutamine stress echocardiography (DSE).



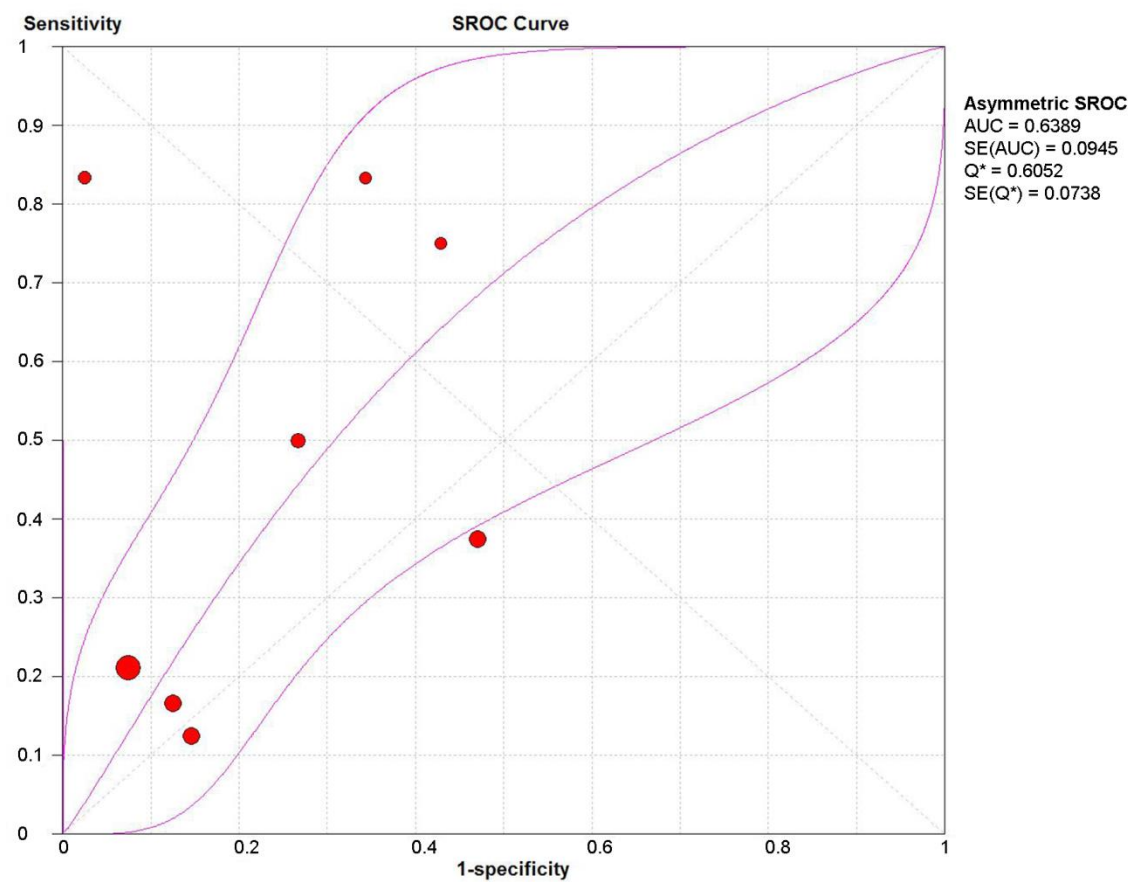
**Supplemental Figure 4.** Forest plot for positive likelihood ratio – dobutamine stress echocardiography (DSE).



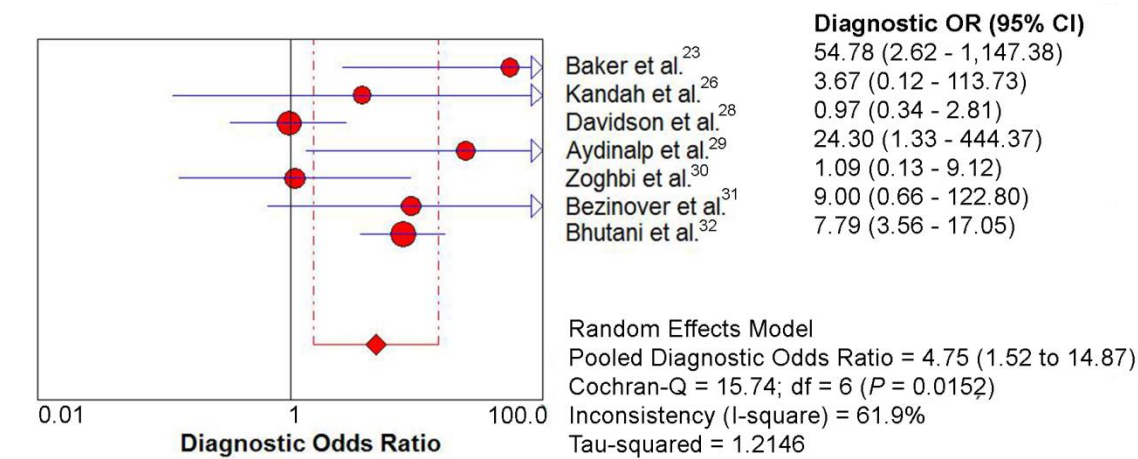
**Supplemental Figure 5.** Forest plot for negative likelihood ratio – dobutamine stress echocardiography (DSE).



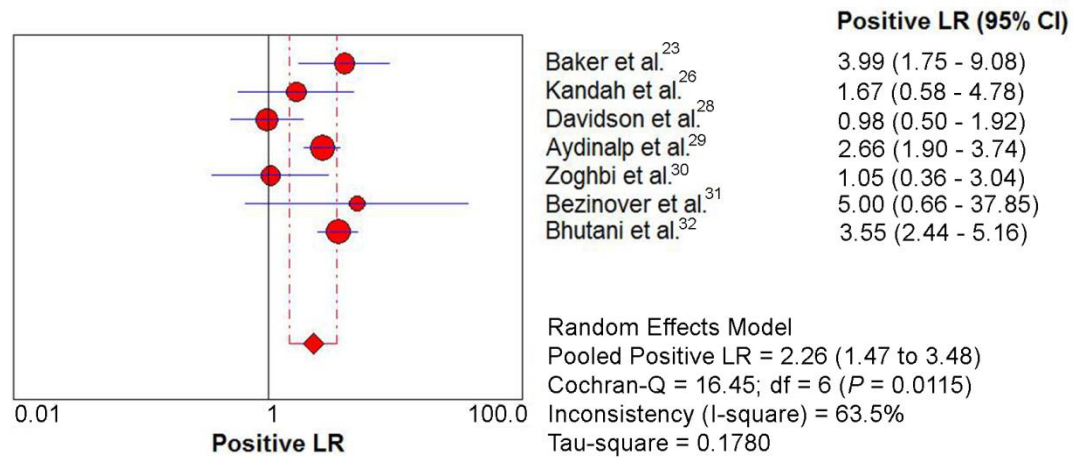
**Supplemental Figure 6.** Asymmetrical S-ROC Curve – dobutamine stress echocardiography (DSE).



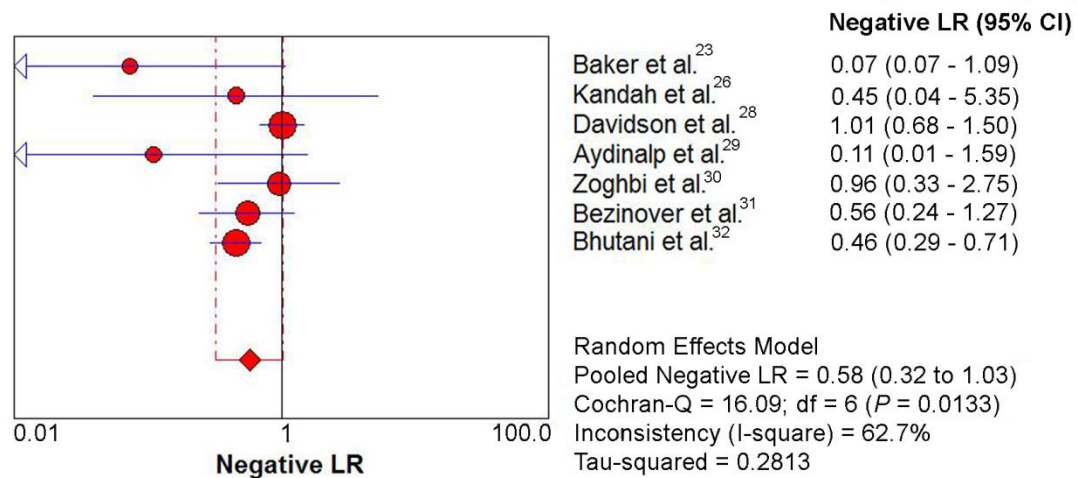
**Supplemental Figure 7.** Forest Plot for Diagnostic Odds Ratio – myocardial perfusion scintigraphy (MPS).



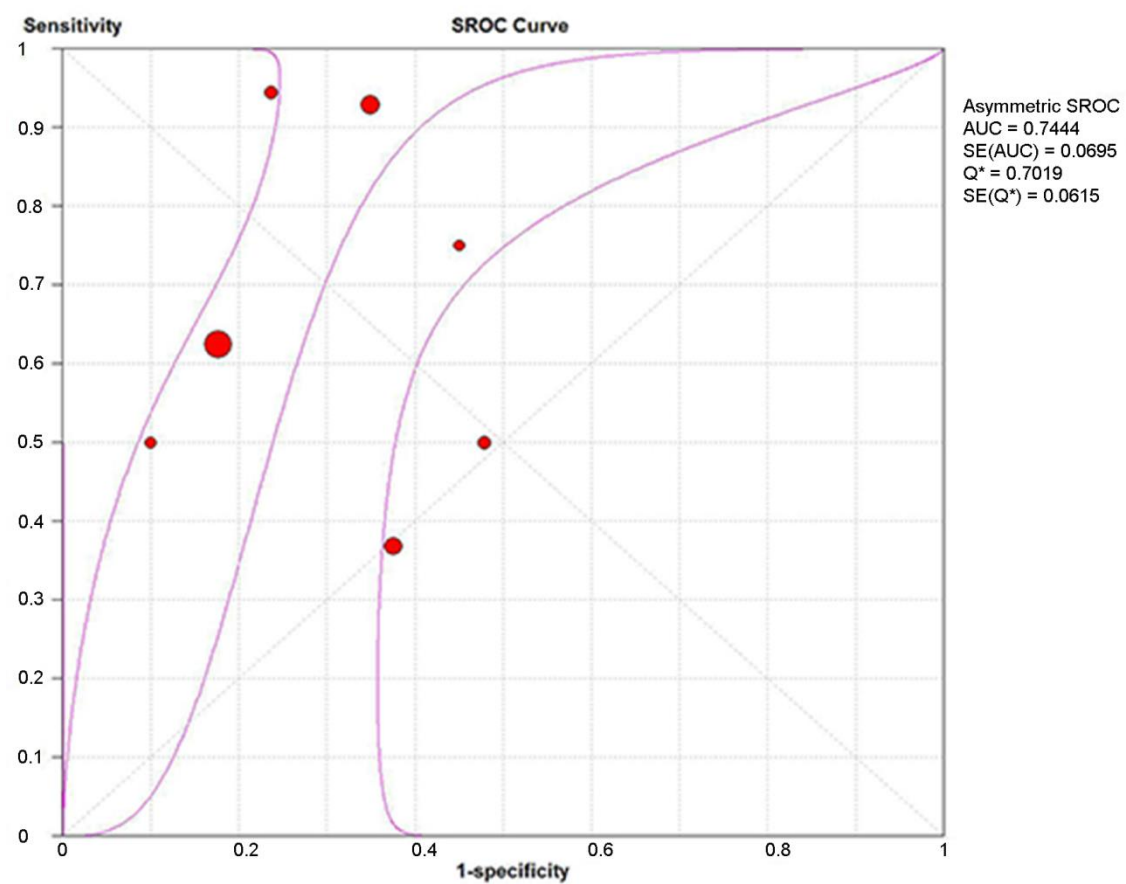
**Supplemental Figure 8.** Forest Plot for positive Likelihood Ratio – myocardial perfusion scintigraphy (MPS).



**Supplemental Figure 9.** Forest Plot for negative Likelihood Ratio – myocardial perfusion scintigraphy (MPS).



**Supplemental Figure 10.** Asymmetrical S-ROC Curve – myocardial perfusion scintigraphy (MPS).



**Supplemental table 1.** Characteristics of the population of each study – dobutamine stress echocardiography (DSE).

Study	Num ber of patie nts	Medi an age	Ma le	D M	SA H	Hyperlipid emia	Smoki ng	Previo usly diagno sed CAD	Beta-blo cker use
Ibrahim et al. [13]	366	56	249	12 4	131	62	80	40	153
Donovan et al. [14]	190	50	98	30	43	33	101	7	NA
Findlay et al. [15]	117	52	61	20	23	NA	NA	NA	NA

Harinstein et al. [16]	105	61	45	20	29	13	19	NA	53
Plotkin et al. [17]	40	52	23	20	19	NA	17	8	NA
Ramrakhiyani et al. [18]	201	NA	NA	NA	NA	NA	NA	NA	NA
Tsutsui et al. [19]	230	56	136	58	69	23	69	11	NA
Umphrey et al. [20]	157	55	112	16	31	NA	91	NA	29
Snipelisky et al. [21]	66	59	45	30	47	14	20	NA	NA
Patel et al. [22]	420	56	279	12	161	112	150	NA	NA

DM, Diabetes Mellitus; SAH, Systemic Arterial Hypertension; CAD, Coronary Artery Disease; NA, Not available.

**Supplemental table 2.** Characteristics of the population of each study – myocardial perfusion scintigraphy (MPS).

Study	Number of patients	Median age	Male	DM	SAH	Hyperlipidemia	Smoking	Previously diagnosed CAD	B u
Baker et al. [23]	74	59	52	30	40	14	38	NA	N
Kryzhanovski et al. [24]	63	54	45	NA	NA	NA	NA	8	N
Senzolo et al. [25]	24	49	18	7	2	0	10	NA	N
Kandiah et al. [26]	93	NA	NA	NA	NA	NA	NA	NA	N
Oprea-Lager et al. [27]	156	49	108	28	20	22	47	NA	N
Davidson et al. [28]	83	56	48	26	21	6	43	NA	N
Aydinalp et al. [29]	389	55	254	119	167	207	136	25	N
Zoghbi et al. [30]	87	58	55	26	23	2	11	2	33
Bezinover et al. [31]	173	NA	NA	NA	NA	NA	NA	NA	N
Bhutani et al. [32]	414	60	248	234	201	71	167	NA	N

DM, Diabetes Mellitus; SAH, Systemic Arterial Hypertension; CAD, Coronary Artery Disease; NA, Not available.



Search Strategy for Scopus, 28 August 2015:

**DSE:** TITLE-ABS-KEY ( 'echocardiography'/exp OR 'echocardiography' AND ( 'dobutamine'/exp OR 'dobutamine' ) OR 'stress echocardiography'/exp OR 'stress echocardiography' AND ( 'liver transplantation'/exp OR 'liver transplantation' ) )

**MPS:** TITLE-ABS-KEY ( 'myocardial perfusion imaging' OR 'heart scintiscanning' OR 'myocardial perfusion scintigraphy' AND 'liver transplantation' )

Search Strategy for Web of Science, 28 August 2015:

**DSE:** Topic: ("DOBUTAMINE STRESS ECHOCARDIOGRAPHY") AND Topic: ("liver transplantation")

**MPS:** Topic: ("myocardial perfusion scintigraphy") OR Topic: ("emission-computed tomography") OR Topic: ("myocardial perfusion imaging") AND Topic: ("liver transplantation") Refined by: Topic: ("liver transplantation")

Search Strategy for EMBASE, 28 August 2015:

**DSE:** 'echocardiography'/exp OR 'echocardiography' AND ( 'dobutamine'/exp OR 'dobutamine' ) OR 'stress echocardiography'/exp OR 'stress echocardiography' AND ( 'liver transplantation'/exp OR 'liver transplantation' )

**MPS:** 'myocardial perfusion imaging' OR 'heart scintiscanning' AND 'liver transplantation'

Search Strategy for PubMed/MEDLINE, 22 August 2015:

**DSE:** ("Echocardiography"[MAJR] AND "Dobutamine/diagnostic use"[MAJR]) OR ("Echocardiography, Stress"[MAJR] OR "Echocardiography, Stress/methods"[MAJR] OR "Echocardiography/methods"[MAJR]) AND ("Liver Transplantation\*/mortality"[MAJR] OR "Liver Transplantation/adverse effects"[MAJR] OR "Liver Transplantation"[MeSH Terms])

**MPS:** ("Myocardial Perfusion Imaging"[MAJR] OR "Myocardial Perfusion Imaging/methods"[MAJR] OR "Heart/radionuclide imaging"[MAJR] OR "Coronary Artery Disease/radionuclide imaging"[MAJR]) AND ("Liver Transplantation\*/mortality"[MAJR] OR "Liver Transplantation/adverse effects"[MAJR] OR "Liver Transplantation"[MeSH Terms])

Search Strategy for BIREME, 22 August 2015:

**DSE:** (tw:(ecocardiografia)) AND (tw:(dobutamina)) AND (tw:(transplante de fígado)) // (tw:(ecocardiografia sob estresse)) AND (tw:(transplante de fígado))

**MPS:** (tw:(Imagem de Perfusão do Miocárdio)) AND (tw:(transplante de fígado))

Search Strategy for LILACS, 22 August 2015:

**DSE:** ("ecocardiografia" OR "echocardiography") AND ("dobutamina" or "dobutamine") and ("transplante de fígado" OR "Trasplante de Hígado" OR "liver transplantation")

(" ecocardiografia sob estresse" OR "Ecocardiografía de Estrés" OR "stress echocardiography") AND ("transplante de fígado" OR "Trasplante de Hígado" OR "liver transplantation")

**MPS:** ("Myocardial Perfusion Imaging" OR "Imagen de Perfusión Miocárdica" OR "Imagem de Perfusão do Miocárdio") AND ("transplante de fígado" OR "Trasplante de Hígado" OR "liver transplantation")

Search Strategy for Cochrane Central, 22 August 2015:

**DSE:** "echocardiography" AND "dobutamine" AND "liver transplantation"

**MPS:** "Myocardial Perfusion Imaging" AND "liver transplantation"

Search Strategy for Opengray.eu, 22 August 2015:

**DSE:** ("echocardiography" AND "dobutamine") AND ("liver transplantation")

**MPS:** "Myocardial Perfusion Imaging" AND "liver transplantation"