

Table MEDLINE/PubMed, EMBASE, and Cochrane Search Strategy

Database	Step	Strategy
MEDLINE/ PubMed	#1	("Breast Neoplasms"[Mesh]) OR (Breast Neoplasm[Title/Abstract]) OR Neoplasm, Breast[Title/Abstract]) OR Breast Tumors[Title/Abstract]) OR Breast Tumor[Title/Abstract]) OR Tumor, Breast[Title/Abstract]) OR Tumors, Breast[Title/Abstract]) OR Neoplasms, Breast[Title/Abstract]) OR Breast Cancer[Title/Abstract]) OR Cancer, Breast[Title/Abstract]) OR Mammary Cancer[Title/Abstract]) OR Cancer, Mammary[Title/Abstract]) OR Cancers, Mammary[Title/Abstract]) OR Mammary Cancers[Title/Abstract]) OR Malignant Neoplasm of Breast[Title/Abstract]) OR Breast Malignant Neoplasm[Title/Abstract]) OR Breast Malignant Neoplasms[Title/Abstract]) OR Malignant Tumor of Breast[Title/Abstract]) OR Breast Malignant Tumor[Title/Abstract]) OR Breast Malignant Tumors[Title/Abstract]) OR Cancer of Breast[Title/Abstract]) OR Cancer of the Breast[Title/Abstract]) OR Mammary Carcinoma, Human[Title/Abstract]) OR Carcinoma, Human Mammary[Title/Abstract]) OR Carcinomas, Human Mammary[Title/Abstract]) OR Human Mammary Carcinomas[Title/Abstract]) OR Mammary Carcinomas, Human[Title/Abstract]) OR Human Mammary Carcinoma[Title/Abstract]) OR Mammary Neoplasms, Human[Title/Abstract]) OR Human Mammary Neoplasm[Title/Abstract]) OR Human Mammary Neoplasms[Title/Abstract]) OR Neoplasm, Human Mammary[Title/Abstract]) OR Neoplasms, Human Mammary[Title/Abstract]) OR Mammary Neoplasm, Human[Title/Abstract]) OR Breast Carcinoma[Title/Abstract]) OR Breast Carcinomas[Title/Abstract]) OR Carcinoma, Breast[Title/Abstract]) OR Carcinomas, Breast[Title/Abstract])
	#2	("Sentinel Lymph Node"[Mesh]) OR (Lymph Node, Sentinel[Title/Abstract]) OR Lymph Nodes, Sentinel[Title/Abstract]) OR Sentinel Lymph Nodes[Title/Abstract]) OR Sentinal Node[Title/Abstract]) OR Node, Sentinal[Title/Abstract]) OR Nodes, Sentinal[Title/Abstract]) OR Sentinal Nodes[Title/Abstract])
	#3	("Ultrasonography"[Mesh]) OR (((Diagnostic Ultrasound[Title/Abstract]) OR Diagnostic ultrasounds[Title/Abstract]) OR Ultrasound, Diagnostic[Title/Abstract]) OR Ultrasounds, Diagnostic[Title/Abstract]) OR Ultrasound Imaging[Title/Abstract]) OR Imaging, Ultrasound[Title/Abstract]) OR Echotomography[Title/Abstract]) OR Ultrasonic Imaging[Title/Abstract]) OR Imaging, Ultrasonic[Title/Abstract]) OR Sonography, Medical[Title/Abstract]) OR Medical Sonography[Title/Abstract]) OR Ultrasonographic Imaging[Title/Abstract]) OR Imaging, Ultrasonographic[Title/Abstract]) OR Imagings, Ultrasonographic[Title/Abstract]) OR Ultrasonographic Imagings[Title/Abstract]) OR Echography[Title/Abstract]) OR Diagnosis, Ultrasonic[Title/Abstract]) OR Diagnoses, Ultrasonic[Title/Abstract]) OR Ultrasonic Diagnoses[Title/Abstract]) OR Ultrasonic Diagnosis[Title/Abstract]) OR Echotomography, Computer[Title/Abstract]) OR Computer Echotomography[Title/Abstract]) OR Tomography, Ultrasonic[Title/Abstract]) OR Ultrasonic Tomography[Title/Abstract])))
	#4	(contrast-enhanced ultrasound[Title/Abstract]) OR contrast-enhanced ultrasonograph[Title/Abstract]) OR contrast ultrasonography[Title/Abstract]) OR ultrasound contrast imaging[Title/Abstract]) OR CEUS[Title/Abstract])
	#5	("Microbubbles"[Mesh]) OR (Colloidal Gas Aphrons[Title/Abstract]) OR Aphron, Colloidal Gas[Title/Abstract]) OR Aphrons, Colloidal Gas[Title/Abstract]) OR Colloidal Gas Aphron[Title/Abstract]) OR Gas Aphron, Colloidal[Title/Abstract]) OR Gas Aphrons, Colloidal[Title/Abstract]) OR Microbubble)
	#6	(sensitivity[Title/Abstract]) OR sensitivity and specificity[MeSH Terms] OR (predictive[Title/Abstract] AND value*[Title/Abstract]) OR predictive value of tests[MeSH Term] OR accuracy*[Title/Abstract])
	#7	#1 AND #2 AND #3 AND #5 AND #6
	#8	#1 AND #2 AND #3 AND #4 AND #6
Embase	#1	'breast cancer'/exp

Table (continued)

Table (continued)

Database	Step	Strategy
	#2	'breast neoplasm':ab,ti OR 'neoplasm, breast':ab,ti OR 'breast tumors':ab,ti OR 'breast tumor':ab,ti OR 'tumor, breast':ab,ti OR 'tumors, breast':ab,ti OR 'neoplasms, breast':ab,ti OR 'breast cancer':ab,ti OR 'cancer, breast':ab,ti OR 'mammary cancer':ab,ti OR 'cancer, mammary':ab,ti OR 'cancers, mammary':ab,ti OR 'mammary cancers':ab,ti OR 'malignant neoplasm of breast':ab,ti OR 'breast malignant neoplasm':ab,ti OR 'breast malignant neoplasms':ab,ti OR 'malignant tumor of breast':ab,ti OR 'breast malignant tumor':ab,ti OR 'breast malignant tumors':ab,ti OR 'cancer of breast':ab,ti OR 'cancer of the breast':ab,ti OR 'mammary carcinoma, human':ab,ti OR 'carcinoma, human mammary':ab,ti OR 'carcinomas, human mammary':ab,ti OR 'human mammary carcinomas':ab,ti OR 'mammary carcinomas, human':ab,ti OR 'human mammary carcinoma':ab,ti OR 'mammary neoplasms, human':ab,ti OR 'human mammary neoplasm':ab,ti OR 'human mammary neoplasms':ab,ti OR 'neoplasm, human mammary':ab,ti OR 'neoplasms, human mammary':ab,ti OR 'mammary neoplasm, human':ab,ti OR 'breast carcinoma':ab,ti OR 'breast carcinomas':ab,ti OR 'carcinoma, breast':ab,ti OR 'carcinomas, breast':ab,ti
	#3	#1 OR #2
	#4	'sentinel lymph node'/exp
	#5	'lymph nodes, sentinel':ab,ti OR 'sentinel lymph nodes':ab,ti OR 'sentinal node':ab,ti OR 'node, sentinal':ab,ti OR 'nodes, sentina':ab,ti OR 'sentinal nodes':ab,ti
	#6	#4 OR #5
	#7	'contrast-enhanced ultrasound'/exp
	#8	#3 + #6 + #7
Cochrane	#1	MeSH descriptor: [Breast Neoplasms] explode all trees
	#2	(Breast Neoplasm):ti,ab,kw OR (Neoplasm, Breast):ti,ab,kw OR (Breast Tumors):ti,ab,kw OR (Breast Tumor):ti,ab,kw OR (Tumor, Breast):ti,ab,kw OR (Tumors, Breast):ti,ab,kw OR (Neoplasms, Breast):ti,ab,kw OR (Breast Cancer):ti,ab,kw OR (Cancer, Breast):ti,ab,kw OR (Mammary Cancer):ti,ab,kw OR (Cancer, Mammary):ti,ab,kw OR (Cancers, Mammary):ti,ab,kw OR (Mammary Cancers):ti,ab,kw OR (Malignant Neoplasm of Breast):ti,ab,kw OR (Breast Malignant Neoplasm):ti,ab,kw OR (Breast Malignant Neoplasms):ti,ab,kw OR (Malignant Tumor of Breast):ti,ab,kw OR (Breast Malignant Tumor):ti,ab,kw OR (Breast Malignant Tumors):ti,ab,kw OR (Cancer of Breast):ti,ab,kw OR (Cancer of the Breast):ti,ab,kw OR (Mammary Carcinoma, Human):ti,ab,kw OR (Carcinoma, Human Mammary):ti,ab,kw OR (Carcinomas, Human Mammary):ti,ab,kw OR (Human Mammary Carcinomas):ti,ab,kw OR (Mammary Carcinomas, Human):ti,ab,kw OR (Human Mammary Carcinoma):ti,ab,kw OR (Mammary Neoplasms, Human):ti,ab,kw OR (Human Mammary Neoplasm):ti,ab,kw OR (Human Mammary Neoplasms):ti,ab,kw OR (Neoplasm, Human Mammary):ti,ab,kw OR (Neoplasms, Human Mammary):ti,ab,kw OR (Mammary Neoplasm, Human):ti,ab,kw OR (Breast Carcinoma):ti,ab,kw OR (Breast Carcinomas):ti,ab,kw OR (Carcinoma, Breast):ti,ab,kw OR (Carcinomas, Breast):ti,ab,kw
	#3	#1 OR #2
	#4	MeSH descriptor: [Sentinel Lymph Node] explode all trees
	#5	(lymph nodes, sentinel):ti,ab,kw OR (sentinel lymph nodes):ti,ab,kw OR (sentinal node):ti,ab,kw OR (node, sentinal):ti,ab,kw OR (nodes, sentina):ti,ab,kw OR (sentinal nodes):ti,ab,kw
	#6	#4 OR #5
	#7	MeSH descriptor: [Ultrasonography] explode all trees

Table (continued)

Table (continued)

Database	Step	Strategy
	#8	(Diagnostic Ultrasound):ti,ab,kw OR (Diagnostic Ultrasounds):ti,ab,kw OR (Ultrasound, Diagnostic):ti,ab,kw OR (Ultrasounds, Diagnostic):ti,ab,kw OR (Ultrasound Imaging):ti,ab,kw OR (Imaging, Ultrasound):ti,ab,kw OR (Imagings, Ultrasound):ti,ab,kw OR (Echotomography):ti,ab,kw OR (Ultrasonic Imaging):ti,ab,kw OR (Imaging, Ultrasonic):ti,ab,kw OR (Sonography, Medical):ti,ab,kw (Medical Sonography):ti,ab,kw OR (Ultrasonographic Imaging):ti,ab,kw OR (Imaging, Ultrasonographic):ti,ab,kw OR (Imagings, Ultrasonographic):ti,ab,kw OR (Ultrasonographic Imagings):ti,ab,kw OR (Echography):ti,ab,kw OR (Diagnosis, Ultrasonic):ti,ab,kw OR (Diagnoses, Ultrasonic):ti,ab,kw OR (Ultrasonic Diagnoses):ti,ab,kw OR (Ultrasonic Diagnosis):ti,ab,kw OR (Echotomography, Computer):ti,ab,kw OR (Computer Echotomography):ti,ab,kw OR (Tomography, Ultrasonic):ti,ab,kw OR (Ultrasonic Tomography):ti,ab,kz
	#9	#7 OR #8
	#10	MeSH descriptor: [Contrast Media] explode all trees
	#11	(Media, Contrast):ti,ab,kw OR (Contrast Agent):ti,ab,kw OR (Agent, Contrast):ti,ab,kw OR (Contrast Materials):ti,ab,kw OR (Materials, Contrast):ti,ab,kw OR (Contrast Agents):ti,ab,kw OR (Agents, Contrast):ti,ab,kw OR (Contrast Material):ti,ab,kw OR (Material, Contrast):ti,ab,kw OR (Radiocontrast Media):ti,ab,kw OR (Media, Radiocontrast):ti,ab,kw OR (Radiocontrast Agent):ti,ab,kw OR (Agent, Radiocontrast):ti,ab,kw OR (Radiocontrast Agents):ti,ab,kw OR (Agents, Radiocontrast):ti,ab,kw OR (Radiopaque Media):ti,ab,kw OR (Media, Radiopaque):ti,ab,kw
	#12	MeSH descriptor: [Microbubbles] explode all trees
	#13	(Microbubble):ti,ab,kw OR (Colloidal Gas Aphrons):ti,ab,kw OR (Aphron, Colloidal Gas):ti,ab,kw OR (Aphrons, Colloidal Gas):ti,ab,kw OR (Colloidal Gas Aphron):ti,ab,kw OR (Gas Aphron, Colloidal):ti,ab,kw OR (Gas Aphrons, Colloidal):ti,ab,kw
	#14	#12 OR #13
	#15	#10 OR #11
	#16	#3 AND #6 AND #9 AND #14
	#17	#3 AND #6 AND #9 AND #15
	#18	#3 AND #6 AND #9
	#19	MeSH descriptor: [Diagnosis] explode all trees
	#20	(Diagnoses):ti,ab,kw OR (Diagnoses and Examinations):ti,ab,kw OR (Examinations and Diagnoses):ti,ab,kw OR (Postmortem Diagnosis):ti,ab,kw OR (Diagnoses, Postmortem):ti,ab,kw OR (Diagnosis, Postmortem):ti,ab,kw OR (Postmortem Diagnoses):ti,ab,kw OR (Antemortem Diagnosis):ti,ab,kw OR (Antemortem Diagnoses):ti,ab,kw OR (Diagnoses, Antemortem):ti,ab,kw OR (Diagnosis, Antemortem):ti,ab,kw
	#21	#19 OR #20
	#22	#18 AND #21