

検診	Question	PubMed検索式
CQ1	Hand-held（用手的）超音波検査は乳がん検診として推奨されるか？	((((("Breast Neoplasms/diagnosis"[MAJR]) AND (("Sensitivity and Specificity"[MeSH]) OR ("Survival Rate"[MeSH])))) AND ("ultrasonography, mammary"[MeSH Terms]OR ultrasound OR ultrasonic OR ultrasonogr*)) AND (screen*[Title])) OR (((((handheld[Title/Abstract]) OR ("hand held"[Title/Abstract] OR HHUS)) AND (breast)) AND (screen*[Title])) AND ("ultrasonography, mammary"[MeSH Terms]OR ultrasound OR ultrasonic OR ultrasonogr*)) Filters: English, Japanese, from 1000/1/1 - 2021/3/31
FRQ1	マンモグラフィの乳房構成の判定に自動測定ソフトを用いることは有用か？	((((("Breast Density"[Mesh] OR "mammographic density" OR "mammographic densities" OR "mammographic breast density" OR "mammographic breast densities") AND ("mammography"[MeSH Terms])) AND (((automated OR automatic) OR ("deep learning"[All Fields])) OR ("computer assisted"[All Fields] OR "computer aided"[All Fields]))) AND (english[Filter] OR japanese[Filter])) AND (1000/01/01:2021/03/31[Date - Publication])
FRQ2	マンモグラフィ乳がん検診において読影AIソフトウェアを併用することは有用か？	(((("mammography"[MeSH Terms]) AND (((("artificial intelligence"[MeSH Terms]) OR ("artificial intelligence"[All Fields])) OR ("machine learning"[All Fields])) OR ("deep learning"[All Fields])) OR ("computer aided"[All Fields]))) AND (((("screening"[All Fields]) OR ("surveillance"[All Fields])) OR ("detection"[All Fields]))) AND (english[Filter] OR japanese[Filter]) Filters: from 2016/1/1 - 2021/3/31
CQ2	BRCA病的バリエント保持者に対する乳癌サーベイランスには造影乳房MRIが推奨されるか？	(((((((BRCA*[Text Word]) OR ("hereditary breast"[Text Word])) OR (((((heredit*[Title/Abstract]) OR (inherit*[Title/Abstract])) OR (genet*[Title/Abstract])) OR (familial*[Title/Abstract])) OR (mutat*[Title/Abstract])) OR (ethnolog*[Title/Abstract])))) AND ((("breast cancer"[Title/Abstract]) OR ("breast neoplasms"[MeSH Terms])) AND ((("diagnostic imaging"[MeSH Terms]) OR ("diagnostic imaging"[MeSH Subheading]))) AND (((surveillance[Title/Abstract]) OR (screening[Title/Abstract])) OR (early diagnosis[MeSH Terms]))) AND (((("sensitivity and specificity"[MeSH Terms]) OR (sensitiv*[Title/Abstract])) OR (risk[Text Word]))) AND (2016/01/01:2021/03/31[Date - Publication] AND ("english"[Language] OR "japanese"[Language]))

CQ3	診断マンモグラフィにおいて乳房トモシンセシスを追加することは推奨されるか？	(breast neoplasms/diagnosis[MeSH] AND "mammography"[MeSH] AND tomosynthesis[ti]) AND (1000/1/1:2021/3/31[pdat]) AND (english[Filter] OR japanese[Filter])
FRQ3	マンモグラフィ検診の淡い集簇石灰化病変にマンモグラフィガイド下生検は必須か？	((("calcinosis"[MeSH Terms]) OR (calcification*)) AND (breast neoplasms/diagnosis[MeSH Terms])) AND (mammography[MeSH Terms]) AND (risk) AND (english[Filter] OR japanese[Filter]) AND (1000/01/01:2021/03/31[Date - Publication])
画像診断	Question	PubMed検索式
CQ4	乳房腫瘍の精密検査として乳房超音波エラストグラフィは推奨されるか？	((Breast neoplasms[Mesh]) AND ("Elasticity Imaging Techniques"[Mesh] OR Elastography[tiab] OR Elasticity[MH] OR Elasticity[tiab] OR sonoelastograph*[TIAB] OR RTE[tiab] OR strain[tiab] OR shear wave[tiab] OR rigidity[tiab] OR RTE[tiab] OR Virtual touch imaging[tiab] OR Virtual Touch Image Quantification[tiab] OR VTQ[tiab] OR VTI[tiab] OR SWE[tiab] OR "Artifacts"[Mesh])) AND (Diagnosis[subheading] OR Diagnostic imaging[subheading]) AND (1000/01/01:2021/03/31[DP])
FRQ4	乳房腫瘍の精密検査としてドプラ法を用いた非造影超音波検査による血流評価は有用か？	("Breast Neoplasms"[Mesh]) AND ("Ultrasonography, Mammary"[Mesh] OR "Ultrasonography, Doppler"[Mesh]) AND (flow[tiab] OR Color[tiab] OR Colour[tiab] OR Power[tiab] OR Vasculari*)
CQ5	乳房病変の良悪性鑑別目的に造影超音波検査は勧められるか？	((Breast Neoplasms[Mesh]) AND (Contrast Media[Mesh] OR "contrast enhanced"[tiab] OR CEUS[tiab])) AND (Ultrasonography[Mesh] OR Ultrasound[tiab])
BQ1	術前造影乳房MRIで新たに検出される病変 (MRI-detected lesion)に対する精査は必要か？	(2010/01/01[dp]:2021/03/31[dp]) AND (("Breast/diagnostic imaging"[Mesh] OR "Breast Neoplasms/diagnostic imaging"[Mesh] OR "Breast/diagnosis"[Mesh] OR "Breast Neoplasms/diagnosis"[Mesh]) AND ("Magnetic Resonance Imaging"[Mesh] OR MRI[tiab] OR magnetic resonance imaging[tiab]) AND detected[TIAB])

BQ2	Stage I - II 乳癌の術前にCT,PET,PET-CTによる全身検索を行うか？	((((Breast neoplasms[Mesh] OR Breast cancer[Tiab]) AND (("Neoplasm Staging"[Mesh] OR staging[TIAB] OR staging[TIAB] or early stage[TIAB] or primary[tiab]))) AND ("Tomography, X-Ray Computed"[Mesh] OR "Positron-Emission Tomography"[Mesh] OR "Positron Emission Tomography Computed Tomography"[Mesh] OR PET[TIAB] OR CT[TIAB] OR Computed tomography[TIAB] OR PETCT[TIAB])) AND ((sensitiv*[TIAB] OR sensitivity and specificity[MeSH] OR (predictive[TIAB] AND value*[TIAB]) OR predictive value of tests[MeSH] OR accuracy*[TIAB]))) AND ((2016/01/01[dp]:2021/03/31[dp]))
FRQ5	術前化学療法後の病理学的完全奏効(pCR)予測に術前MRIまたはPETは有用か？ 術前化学療法における早期効果予測（治療前・中間評価）にMRIまたはPETは有用か？	((((Breast neoplasms[Mesh] OR Breast cancer[tiab] OR Breast[tiab]) AND (("Neoadjuvant Therapy"[Mesh] OR preoperative chemotherapy[TIAB] OR Neoadjuvant chemotherapy[TIAB]) )) AND (("Tomography, X-Ray Computed"[Mesh] OR "Positron-Emission Tomography"[Mesh] OR "Positron Emission Tomography Computed Tomography"[Mesh] OR PET[TIAB] OR CT[TIAB] OR Computed tomography[TIAB] OR PETCT[TIAB] OR Magnetic Resonance Imaging[Mesh] OR MRI[Tiab] OR Ultrasonography[Mesh] OR Ultrasound[tiab] OR "Mammography"[Mesh] OR mammography[tiab] OR "Ultrasonography, Mammary"[Mesh]))) AND ("Remission Induction"[Mesh] OR Pathological Complete Response[tiab] OR Pathologic complete response[tiab] OR Pathological response[tiab] OR pathologically confirmed[tiab] OR Predict[tiab] OR pCR[Tiab])) AND (1000/01/01:2021/03/31[dp])
FRQ6	乳房専用PETは乳癌術前の広がり診断に有用か？	(("Breast Neoplasms"[Mesh] OR "Breast"[Mesh]) AND ((dedicated[tiab] OR high resolution[tiab] OR ring[tiab]) AND (("Tomography, X-Ray Computed"[Mesh] OR "Positron-Emission Tomography"[Mesh] OR "Positron Emission Tomography Computed Tomography"[Mesh] OR PET[TIAB] OR CT[TIAB] OR Computed tomography[TIAB] OR PETCT[TIAB] OR PEM[TIAB] OR Positron Emission Mammography[TIAB] OR Breast-Specific PET[TIAB] OR Mammo PET[TIAB]))) AND (1000/01/01:2021/03/31[dp])

FRQ7	造影マンモグラフィは乳癌術前の広がり診断に有用か？	((((("Breast Neoplasms"[Mesh]) AND ((Mammography[Mesh] AND (Contrast Media[Mesh] OR Contrast enhanced[tiab])) OR Contrast enhanced spectral mammography[Tiab] OR Contrast enhanced digital mammography[Tiab] OR CEDM[Tiab] OR CESM[Tiab])) AND ("Diagnosis"[Mesh] OR "Diagnosis"[Subheading] OR "diagnostic imaging" [Subheading] OR "Diagnostic Imaging"[Mesh])) AND ("Neoplasm Recurrence, Local"[Mesh] OR recurren*[TIAB] OR "False Positive Reactions"[Mesh] OR "false positive"[TIAB] OR contralateral*[TIAB] OR "Neoplasm Invasiveness"[Mesh] OR extent*[TIAB] OR "Preoperative Period"[Mesh] OR "Preoperative Care"[Mesh] OR preoperat*[TIAB] OR pre-operat*[TIAB] OR pre-surgical[TIAB] OR "Neoplasm Staging"[Mesh] OR staging[TIAB])) AND (1000/01/01:2021/3/31[dp]))
FRQ8	乳房全切除後の対側乳房や、乳房部分切除術後の温存乳房に、超音波検査や造影乳房MRIを定期的に行うか？	((((Breast Neoplasms[Mesh] OR Breast Cancer[tiab]) AND (Neoplasm Recurrence, Local[Mesh] OR Neoplasms, Second primary[Mesh] OR Recurrence[tiab])) AND (("follow-up studies"[mesh] or follow-up[tiab] or surveillance[tiab] or prognosis[mesh] OR routine[tiab] or constant[tiab] or always[tiab] or ever[tiab]))) AND (((Magnetic Resonance Imaging[Mesh] OR MRI[Tiab]) AND (Contrast Media[Mesh] OR "contrast enhanced"[tiab])) OR ((Ultrasonography[Mesh] OR Ultrasound[tiab]))) AND ((1000/01/01[dp]:2021/03/31[dp]))
FRQ9	Stage I - II 乳癌術後の定期的な前進画像検査は勧められるか？	((((("Breast Neoplasms"[Mesh] OR Breast cancer[tiab]) AND ("follow-up studies"[mesh] or follow-up[tiab] or surveillance[tiab] or prognosis[mesh] OR routine[tiab] or constant[tiab] or always[tiab] or ever[tiab])) AND ("Whole Body Imaging"[Mesh] OR intensive[tiab])) AND ((0000/01/01[dp]:2021/03/31[dp]))