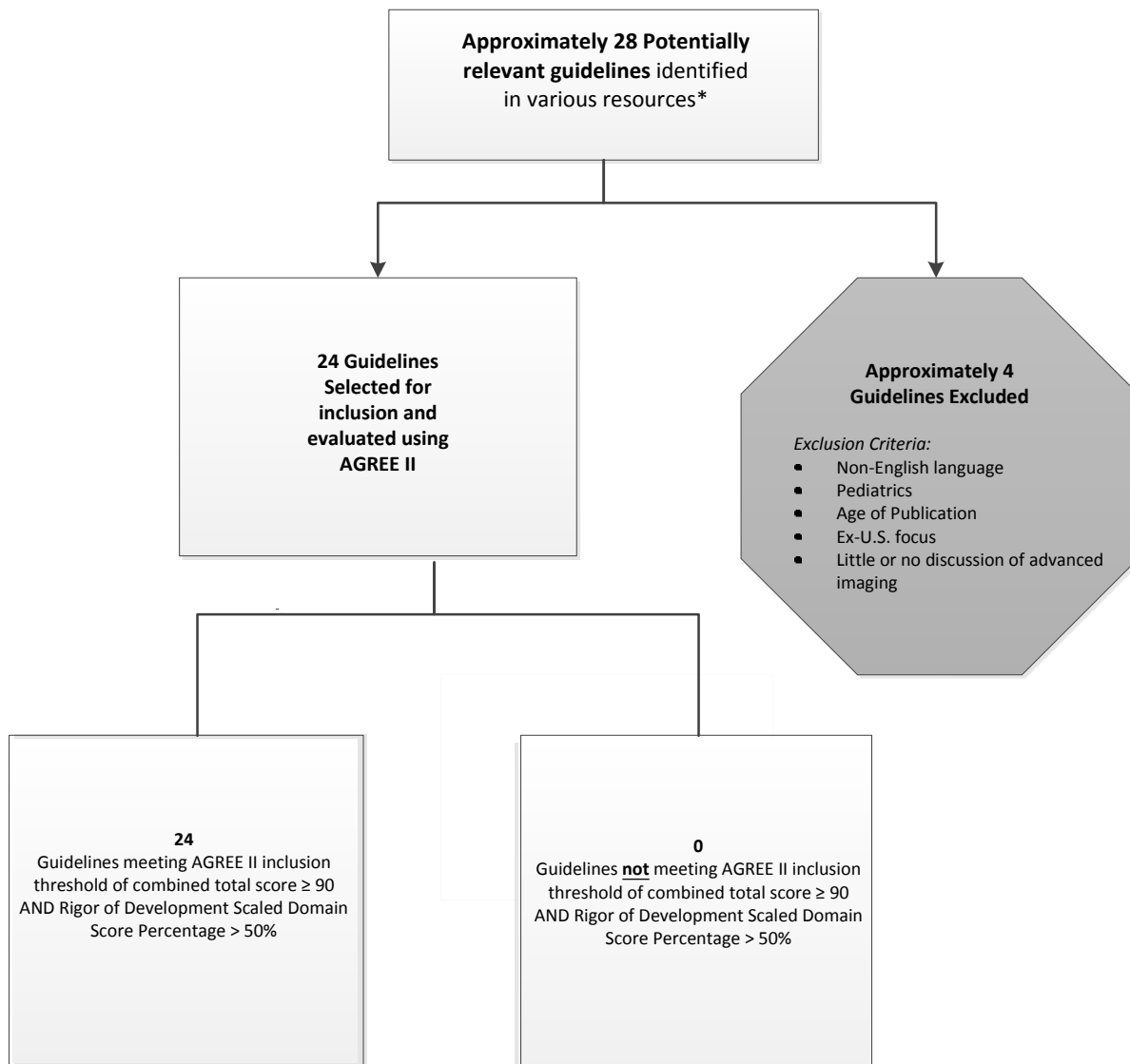


Evidence Process for Lung Cancer Guideline Research

Guideline Review using AGREE II instrument – April 2022



*Information Resources:

Ovid Medline, NCBI PubMed, National Guideline Clearinghouse, Guidelines International Network, TRIP Database, Choosing Wisely, Cochrane Database, Agency for Healthcare Research and Quality, and numerous specialty society websites
Additional Internet and bibliographic searches were performed for all phases of research

For use only in connection with development of AUC by the RAYUS Quality Institute's Multidisciplinary Committee

645 results

Search: **(MRI OR "computed tomography" OR "Low dose CT" OR LDCT OR nuclear medicine OR fluorodeoxyglucose OR PET OR PET/CT OR SPECT OR radiography OR ultrasound) AND (pulmonary nodule OR lung nodule OR lung cancer OR "occupational lung disease" OR lung cancer screening OR smoking history)** Filters: **Clinical Trial, Meta-Analysis, Randomized Controlled Trial, Humans, English, Adult: 19+ years, from 2016 - 2022**

((("magnetic resonance imaging"[MeSH Terms] OR ("magnetic"[All Fields] AND "resonance"[All Fields] AND "imaging"[All Fields]) OR "magnetic resonance imaging"[All Fields] OR "mri"[All Fields] OR "computed tomography"[All Fields] OR "Low dose CT"[All Fields] OR "LDCT"[All Fields] OR ("radionuclide imaging"[MeSH Terms] OR ("radionuclide"[All Fields] AND "imaging"[All Fields]) OR "radionuclide imaging"[All Fields] OR ("nuclear"[All Fields] AND "medicine"[All Fields]) OR "nuclear medicine"[All Fields] OR "nuclear medicine"[MeSH Terms] OR ("nuclear"[All Fields] AND "medicine"[All Fields])) OR ("fluorodeoxyglucose f18"[MeSH Terms] OR ("fluorodeoxyglucose"[All Fields] AND "f18"[All Fields]) OR "fluorodeoxyglucose f18"[All Fields] OR "fluorodeoxyglucose"[All Fields]) OR "PET"[All Fields] OR ("positron emission tomography computed tomography"[MeSH Terms] OR ("positron"[All Fields] AND "emission"[All Fields] AND "tomography"[All Fields] AND "computed"[All Fields] AND "tomography"[All Fields]) OR "positron emission tomography computed tomography"[All Fields] OR ("PET"[All Fields] AND "ct"[All Fields]) OR "pet ct"[All Fields] OR ("spect s"[All Fields] OR "tomography, emission computed, single photon"[MeSH Terms] OR ("tomography"[All Fields] AND "emission computed"[All Fields] AND "single photon"[All Fields]) OR "single-photon emission-computed tomography"[All Fields] OR "spect"[All Fields] OR "spect s"[All Fields]) OR ("diagnostic imaging"[MeSH Subheading] OR ("diagnostic"[All Fields] AND "imaging"[All Fields]) OR "diagnostic imaging"[All Fields] OR "radiography"[All Fields] OR "radiography"[MeSH Terms] OR "radiographies"[All Fields] OR "radiographys"[All Fields]) OR ("diagnostic imaging"[MeSH Subheading] OR ("diagnostic"[All Fields] AND "imaging"[All Fields]) OR "diagnostic imaging"[All Fields] OR "ultrasound"[All Fields] OR "ultrasonography"[MeSH Terms] OR "ultrasonography"[All Fields] OR "ultrasonics"[MeSH Terms] OR "ultrasonics"[All Fields] OR "ultrasounds"[All Fields] OR "ultrasound s"[All Fields])) AND (((("lung"[MeSH Terms] OR "lung"[All Fields] OR "pulmonary"[All Fields]) AND ("nodulate"[All Fields] OR "nodulated"[All Fields] OR "nodulates"[All Fields] OR "nodulating"[All Fields] OR "nodulation"[All Fields] OR "nodulations"[All Fields] OR "nodulators"[All Fields] OR "nodule"[All Fields] OR "nodule s"[All Fields] OR "nodules"[All Fields])) OR ((("lung"[MeSH Terms] OR "lung"[All Fields]) AND ("nodulate"[All Fields] OR "nodulated"[All Fields] OR "nodulates"[All Fields] OR "nodulating"[All Fields] OR "nodulation"[All Fields] OR "nodulations"[All Fields] OR "nodulators"[All Fields] OR

"nodule"[All Fields] OR "nodule s"[All Fields] OR "nodules"[All Fields])) OR ("lung neoplasms"[MeSH Terms] OR ("lung"[All Fields] AND "neoplasms"[All Fields]) OR "lung neoplasms"[All Fields] OR ("lung"[All Fields] AND "cancer"[All Fields]) OR "lung cancer"[All Fields]) OR "occupational lung disease"[All Fields] OR (("lung neoplasms"[MeSH Terms] OR ("lung"[All Fields] AND "neoplasms"[All Fields]) OR "lung neoplasms"[All Fields] OR ("lung"[All Fields] AND "cancer"[All Fields]) OR "lung cancer"[All Fields]) AND ("diagnosis"[MeSH Subheading] OR "diagnosis"[All Fields] OR "screening"[All Fields] OR "mass screening"[MeSH Terms] OR ("mass"[All Fields] AND "screening"[All Fields]) OR "mass screening"[All Fields] OR "early detection of cancer"[MeSH Terms] OR ("early"[All Fields] AND "detection"[All Fields] AND "cancer"[All Fields]) OR "early detection of cancer"[All Fields] OR "screen"[All Fields] OR "screenings"[All Fields] OR "screened"[All Fields] OR "screens"[All Fields])) OR (("smoke"[MeSH Terms] OR "smoke"[All Fields] OR "smoke s"[All Fields] OR "smoked"[All Fields] OR "smokes"[All Fields] OR "smoking"[MeSH Terms] OR "smoking"[All Fields] OR "smokings"[All Fields] OR "smoking s"[All Fields]) AND ("history"[MeSH Terms] OR "history"[All Fields] OR "histories"[All Fields] OR "history"[MeSH Subheading])))) AND ((clinicaltrial[Filter] OR meta-analysis[Filter] OR randomizedcontrolledtrial[Filter]) AND (humans[Filter]) AND (english[Filter]) AND (alladult[Filter]) AND (2016:2022[pdat]))

Translations

MRI: "magnetic resonance imaging"[MeSH Terms] OR ("magnetic"[All Fields] AND "resonance"[All Fields] AND "imaging"[All Fields]) OR "magnetic resonance imaging"[All Fields] OR "mri"[All Fields]

nuclear medicine: "radionuclide imaging"[MeSH Terms] OR ("radionuclide"[All Fields] AND "imaging"[All Fields]) OR "radionuclide imaging"[All Fields] OR ("nuclear"[All Fields] AND "medicine"[All Fields]) OR "nuclear medicine"[All Fields] OR "nuclear medicine"[MeSH Terms] OR ("nuclear"[All Fields] AND "medicine"[All Fields])

fluorodeoxyglucose: "fluorodeoxyglucose f18"[MeSH Terms] OR ("fluorodeoxyglucose"[All Fields] AND "f18"[All Fields]) OR "fluorodeoxyglucose f18"[All Fields] OR "fluorodeoxyglucose"[All Fields]

PET/CT: "positron emission tomography computed tomography"[MeSH Terms] OR ("positron"[All Fields] AND "emission"[All Fields] AND "tomography"[All Fields] AND "computed"[All Fields] AND "tomography"[All Fields]) OR "positron emission tomography computed tomography"[All Fields] OR ("pet"[All Fields] AND "ct"[All Fields]) OR "pet ct"[All Fields]

SPECT: "spect's"[All Fields] OR "tomography, emission-computed, single-photon"[MeSH Terms] OR ("tomography"[All Fields] AND "emission-computed"[All Fields] AND "single-photon"[All Fields]) OR "single-photon emission-computed tomography"[All Fields] OR "spect"[All Fields] OR "spect's"[All Fields]

radiography: "diagnostic imaging"[Subheading] OR ("diagnostic"[All Fields] AND "imaging"[All Fields]) OR "diagnostic imaging"[All Fields] OR "radiography"[All Fields]

OR "radiography"[MeSH Terms] OR "radiographies"[All Fields] OR "radiographys"[All Fields]

ultrasound: "diagnostic imaging"[Subheading] OR ("diagnostic"[All Fields] AND "imaging"[All Fields]) OR "diagnostic imaging"[All Fields] OR "ultrasound"[All Fields] OR "ultrasonography"[MeSH Terms] OR "ultrasonography"[All Fields] OR "ultrasonics"[MeSH Terms] OR "ultrasonics"[All Fields] OR "ultrasounds"[All Fields] OR "ultrasound's"[All Fields]

pulmonary: "lung"[MeSH Terms] OR "lung"[All Fields] OR "pulmonary"[All Fields]

nodule: "nodulate"[All Fields] OR "nodulated"[All Fields] OR "nodulates"[All Fields] OR "nodulating"[All Fields] OR "nodulation"[All Fields] OR "nodulations"[All Fields] OR "nodulators"[All Fields] OR "nodule"[All Fields] OR "nodule's"[All Fields] OR "nodules"[All Fields]

lung: "lung"[MeSH Terms] OR "lung"[All Fields]

nodule: "nodulate"[All Fields] OR "nodulated"[All Fields] OR "nodulates"[All Fields] OR "nodulating"[All Fields] OR "nodulation"[All Fields] OR "nodulations"[All Fields] OR "nodulators"[All Fields] OR "nodule"[All Fields] OR "nodule's"[All Fields] OR "nodules"[All Fields]

lung cancer: "lung neoplasms"[MeSH Terms] OR ("lung"[All Fields] AND "neoplasms"[All Fields]) OR "lung neoplasms"[All Fields] OR ("lung"[All Fields] AND "cancer"[All Fields]) OR "lung cancer"[All Fields]

lung cancer: "lung neoplasms"[MeSH Terms] OR ("lung"[All Fields] AND "neoplasms"[All Fields]) OR "lung neoplasms"[All Fields] OR ("lung"[All Fields] AND "cancer"[All Fields]) OR "lung cancer"[All Fields]

screening: "diagnosis"[Subheading] OR "diagnosis"[All Fields] OR "screening"[All Fields] OR "mass screening"[MeSH Terms] OR ("mass"[All Fields] AND "screening"[All Fields]) OR "mass screening"[All Fields] OR "early detection of cancer"[MeSH Terms] OR ("early"[All Fields] AND "detection"[All Fields] AND "cancer"[All Fields]) OR "early detection of cancer"[All Fields] OR "screen"[All Fields] OR "screenings"[All Fields] OR "screened"[All Fields] OR "screens"[All Fields]

smoking: "smoke"[MeSH Terms] OR "smoke"[All Fields] OR "smoke's"[All Fields] OR "smoked"[All Fields] OR "smokes"[All Fields] OR "smoking"[MeSH Terms] OR "smoking"[All Fields] OR "smokings"[All Fields] OR "smoking's"[All Fields]

history: "history"[MeSH Terms] OR "history"[All Fields] OR "histories"[All Fields] OR "history"[Subheading]