



Recherche zu Prostata-Karzinom: PSMA-PET

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1 PICO-Frage

Welchen diagnostischen Wert haben PSMA-Tracer im PET/CT bei PCa?

- P Patienten mit Prostata-Karzinom
I PET-Diagnose mittels PSMA-Tracer
C andere Diagnostik
O

2 Recherchestrategien

MeSH-Begriff „PSMA“ = “glutamate carboxypeptidase II, human”	MeSH-Begriff “PET” = “Positron-Emission Tomography”
PSMA antigen prostate-specific membrane antigen, human PSM antigen folate hydrolase (prostate-specific membrane antigen) 1, human prostate-specific membrane antigen	Positron Emission Tomography PET Scan PET Scans Scan, PET Scans, PET Tomography, Positron-Emission Tomography, Positron Emission
MeSH-Begriff “prostate cancer”	
Prostate Neoplasms Neoplasms, Prostate Neoplasm, Prostate Prostate Neoplasm Neoplasms, Prostatic Neoplasm, Prostatic Prostatic Neoplasm Prostate Cancer	Cancer, Prostate Cancers, Prostate Prostate Cancers Cancer of the Prostate Prostatic Cancer Cancer, Prostatic Cancers, Prostatic Prostatic Cancers Cancer of Prostate

2.1 Medline via Pubmed (www.pubmed.org) (23. Mai 2016)

Nr.	Suchfrage	Anzahl
#12	((("2012"[Date - Publication] : "3000"[Date - Publication])) AND #11	191
#11	#4 AND #7 AND #10	226
#10	#8 OR #9	91024
#9	(Positron[tiab] AND Emission[tiab] AND Tomography[tiab]) OR PET[tiab]	83183
#8	"Positron-Emission Tomography"[Mesh]	39382

#7	#5 OR #6	1959
#6	(prostate[tiab] AND specific[tiab] AND membrane[tiab] AND antigen[tiab]) OR PSMA[tiab] OR (PSM[tiab] AND antigen[tiab]) OR (folate[tiab] AND hydrolase[tiab])	1868
#5	"glutamate carboxypeptidase II, human" [Supplementary Concept]	605
#4	#1 OR (#2 AND #3)	139884
#3	prostat*[tiab]	172517
#2	(cancer*[tiab] OR carcinom*[tiab] OR malign*[tiab] OR tumor*[tiab] OR tumour*[tiab] OR neoplas*[tiab] OR adenocarcinom*[tiab])	2637457
#1	"Prostatic Neoplasms"[Mesh]	102402

Anzahl der Treffer: 191

2.2 Datenbanken der Cochrane Library (23. Mai 2016)

Nr.	Suchfrage	Anzahl
#18	#5 and #13 and #17	2
#17	#14 or #15 or #16	3507
#16	positron emission tomography:ti,ab,kw	2490
#15	PET:ti,ab,kw	2680
#14	MeSH descriptor: [Positron-Emission Tomography] explode all trees	1173
#13	#6 or #7 or #8 or #11 or #12	47
#12	folate hydrolase	8
#11	#9 AND #10	6
#10	antigen:ti,ab,kw	16731
#9	psm:ti,ab,kw	57
#8	psma:ti,ab,kw	21
#7	prostate specific membrane antigen:ti,ab,kw	25
#6	MeSH descriptor: [Glutamate Carboxypeptidase II] explode all trees	9
#5	#1 or #4	7295
#4	#2 and #3	7295
#3	cancer*:ti,ab,kw or carcinom*:ti,ab,kw or malign*:ti,ab,kw or tumor*:ti,ab,kw or tumour*:ti,ab,kw or neoplas*:ti,ab,kw or adenocarcinom*:ti,ab,kw	112011
#2	prostat*:ti,ab,kw	11498
#1	MeSH descriptor: [Prostatic Neoplasms] explode all trees	3903

Cochrane Reviews	
• Review	
• Protocol	
Other Reviews	
Trials	2
Methods Studies	
Technology Assessment	
Economic Evaluations	
Cochrane Groups	

Anzahl der Treffer: 2

2.3 Übersicht der eingeschlossenen Treffer

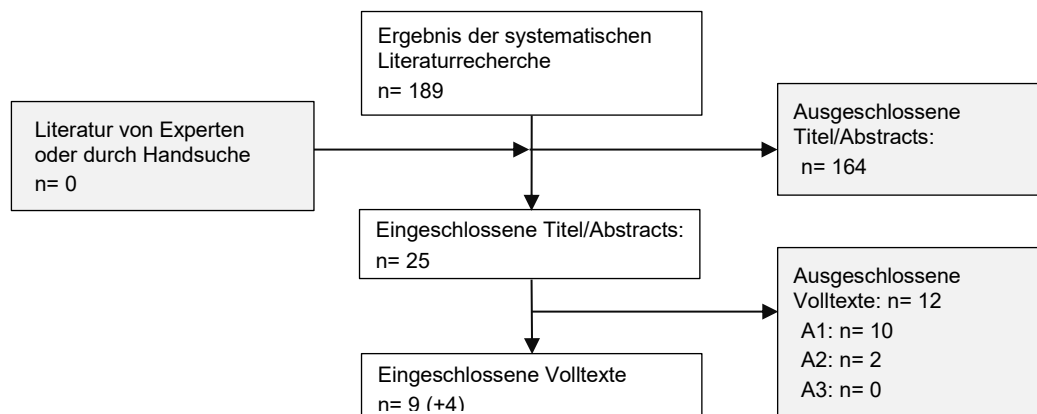
	Medline	Cochrane Datenbanken	Summe
Aggregierte Evidenz			0
RCTs			0
Sonstige Primär	191	2	193

Anzahl der ausgeschlossenen Publikationen nach Ausschlussgrund:

A1 (Dubletten): 4

A2 (nicht englisch/deutsch): 0

3 Flowchart



A1: andere Fragestellung (keine Vergleichsmethode, Fallbereich)

A2: anderer Publikationstyp (Kommentar, narratives Review)

A3: methodisch unzureichend