

Literature Searches: Woolen SA, Shankar PR, Gagnier JJ, MacEachern MP, Singer L, Davenport MS. Risk of Nephrogenic Systemic Fibrosis in Patients With Stage 4 or 5 Chronic Kidney Disease Receiving a Group II Gadolinium-Based Contrast Agent: A Systematic Review and Meta-analysis. *JAMA Intern Med.* 2020 Feb 1;180(2):223-230. doi: 10.1001/jamainternmed.2019.5284. PMID: 31816007; PMCID: PMC6902198.

Ovid MEDLINE; Epub Ahead of Print; In-Process & Other Non-Indexed Citations; Daily and Versions
(1462 results on January 29, 2019)

1. exp renal insufficiency, chronic/ or (renal insufficiency/ and (chronic or end-stage or "stage 4" or "stage 5" or stage iv or stage v).tw,kw) or ((chronic or end-stage or "stage 4" or "stage 5" or stage iv or stage v) adj3 (kidney* or renal)).tw,kw or ((kidney* or renal) adj3 (insufficien* or transplant*)).tw,kw or (impaired adj1 (kidney* or renal)).tw,kw or ((egfr or gfr) adj2 "30").tw,kw or exp renal dialysis/ or dialysis/ or (dialysis or hemodialysis or nsf).ti or nephrogenic fibrosing dermopathy/ or (nephrogenic systemic fibrosis or nephrogenic fibrosing dermopath*).tw,kw
2. ((gadolinium/ or gadolinium dtpa/) and contrast media/) or ((contrast or radiocontrast) adj1 (agent* or dye* or material* or media* or medium*)).ti. or (dotarem or gadavist or gadobenate or gadobutrol or gadoteri* or gadolinium or multihance or prohance).tw,kw
3. (and/1-2) not (exp animals/ not humans/)

Embase.com (1670 results on January 29, 2019)

1. 'chronic kidney failure'/exp OR (((chronic OR 'end stage' OR 'stage iv' OR 'stage v' OR 'stage 4' OR 'stage 5') NEAR/2 (kidney* OR renal)):ti,ab,kw) OR (((kidney* OR renal) NEAR/3 (insufficien* OR transplant*)):ti,ab,kw) OR ((impaired NEAR/1 (kidney* OR renal)):ti,ab,kw) OR (((egfr OR gfr) NEAR/1 '30'):ti,ab,kw) OR dialysis:ti OR hemodialysis:ti OR nsf:ti OR 'nephrogenic systemic fibrosis':ti,ab,kw OR 'nephrogenic fibrosing dermopathies':ti,ab,kw OR 'nephrogenic fibrosing dermopathy':ti,ab,kw
2. 'gadoterate meglumine'/exp OR 'gadobenate dimeglumine'/exp OR 'gadobutrol'/exp OR 'gadoteridol'/exp OR 'gadolinium'/exp OR dotarem:ti,ab,kw OR gadavist:ti,ab,kw OR gadobenate:ti,ab,kw OR gadobutrol:ti,ab,kw OR gadoteri*:ti,ab,kw OR gadolinium:ti,ab,kw OR multihance:ti,ab,kw OR prohance:ti,ab,kw
3. #1 AND #2 NOT ('animal'/exp NOT 'human'/de)

Wiley Cochrane Central Register of Controlled Trials (132 results on January 29, 2019)

1. [mh "renal insufficiency, chronic"] or ([mh "renal insufficiency"] and (chronic or "end-stage" or "stage 4" or "stage 5" or "stage iv" or "stage v")):ti,ab) or ((chronic or "end-stage" or "stage 4" or "stage 5" or "stage iv" or "stage v") near/3 (kidney* or renal)):ti,ab) or ((kidney* or renal) near/3 (insufficien* or transplant*)):ti,ab) or (impaired near/1 (kidney* or renal)):ti,ab) or ((egfr or gfr) near/2 "30"):ti,ab) or [mh "renal dialysis"] or [mh dialysis] or (dialysis or hemodialysis or nsf):ti) or [mh "nephrogenic fibrosing

dermopathy"] or ("nephrogenic systemic fibrosis" or "nephrogenic fibrosing dermopathies" or "nephrogenic fibrosing dermopathy"):ti,ab

2. ([mh gadolinium] or [mh "gadolinium dtpa"]) or ((contrast or radiocontrast) near/1 (agent* or dye* or material* or media* or medium*)):ti or (dotarem or gadavist or gadobenate or gadobutrol or gadoteri* or gadolinium or multihance or prohance):ti,ab

3. #1 and #2

Clarivate Web of Science (836 results on January 29, 2019)

1. TS=(dotarem OR gadavist OR gadobenate OR gadobutrol OR gadoteri* OR multihance OR prohance) OR TS=(gadolinium NEAR/2 contrast*)

2. TS=((chronic OR "end-stage" OR "stage 4" OR "stage 5" OR "stage iv" OR "stage v") NEAR/2 (kidney* or renal)) OR TS=((kidney* OR renal) NEAR/2 (insufficien* OR transplant*)) OR TS=(impaired NEAR/1 (kidney* OR renal)) OR TS=((egfr OR gfr) NEAR/1 "30") OR TI=(dialysis OR hemodialysis OR NSF) OR TS=("nephrogenic systemic fibrosis" OR "nephrogenic fibrosing dermopathies" OR "nephrogenic fibrosing dermopathy")

3. #2 AND #1 NOT TI=(animal* OR bovine OR cattle OR mice OR mouse OR pig OR pigs OR rabbit* OR rat OR rats)

Open Grey (8 results on January 29, 2019)

(dotarem OR gadavist OR gadobenate OR gadobutrol OR gadoteri* OR gadolinium OR multihance OR prohance) AND (chronic OR dialysis OR "end stage" OR nephrogenic OR "stage 4" OR "stage 5" OR "stage iv" OR "stage v")