

Literature Search
ACR Appropriateness Criteria®
Suspected and Known Renal or Splanchnic Artery
Aneurysm

Literature Search Performed on: 05/16/2025

Beginning Date: January 1990

End Date: April 2025

Database: Ovid MEDLINE(R) ALL <1946 to May 14, 2025>

Search Strategy

- 1 (visceral artery aneurysms or mesenteric artery dissecting aneurysm or lower extremity vasculature or visceral arteries or noninvasive vascular imaging or mesenteric circulation or chronic mesenteric ischemia or suspected mesenteric ischemia).ti. (798)
- 2 (splenic artery aneurysms or assessment of renal disease or Ruptured renal artery aneurysms or Pancreaticoduodenal artery aneurysms or coiled intracranial aneurysms or visceral artery aneurysm or arterial diseases).ti. (1119)
- 3 1 or 2 (1916)
- 4 exp diagnostic imaging/ (3052373)
- 5 3 and 4 (540)
- 6 limit 5 to yr="1990 -Current" (425)
- 7 ("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report*" or comment* or editorial or letter or news).ti. or ((protocol and (study or trial)) not ("therapy protocol*" or "treatment protocol*")).ti. (5052860)
- 8 6 not 7 (256)
- 9 exp *adolescent/ or exp *child/ or exp *infant/ or (infant disease* or childhood disease*).ti,kf. or (adolescen* or babies or baby or boy? or boyfriend or boyhood or girlfriend or girlhood or child* or girl? or infan* or juvenil* or kid? or minors or minors* or neonat* or neo-nat* or newborn* or new-born* or paediatric* or peadiatric* or pediatric* or perinat* or preschool* or puber* or pubescen* or school* or teen* or toddler? or underage? or under-age? or youth*).ti,kf. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).jn,jw. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).in. (3493423)
- 10 8 not 9 (250)
- 11 "dog diseases"/ or "cat diseases"/ or "mice, inbred c57bl"/ or cattle/ or turkey/ or rabbits/ or swine/ or ((animal* or canine* or dog* or feline* or cat* or hamster* or lamb* or mice or monkey* or mouse or murine or pig* or porcine or primate* or rabbit* or rat* or rodent* or sheep* or swine or veterinar* or (vitro not vivo)) not (human* or patient*)).ti,ab,kw. (8416546)
- 12 10 not 11 (231)
- 13 ((endovascular management adj3 visceral artery aneurysms) or (diagnosis adj3 mesenteric artery dissecting aneurysm) or (ultrasound techniques adj3 arterial diseases) or (ultrasound adj3 renal vasculature) or (endovascular embolization adj3 visceral artery aneurysm) or (natural history adj3 splanchnic artery) or (management adj4 mesenteric arteries)).ti. (14)
- 14 12 or 13 (242)

Literature Search Performed on: 08/30/2024

Beginning Date: January 1990

End Date: July 2024

Database: Ovid MEDLINE(R) ALL <1946 to August 27, 2024>

Search Strategy

- 1 aneurysm/ or aneurysm, false/ or cardiovascular pregnancy complication/ or cardiovascular pregnancy complications/ or vascular diseases/ or arteries/ or endovascular procedures/ or liver diseases/ (247690)
- 2 (splanchnic artery aneurysm or renal artery aneurysm or splenic artery aneurysm or hepatic artery aneurysm).ti,ab,kw. (1958)
- 3 (vascular disease adj4 (hepatic or splanchnic or renal artery or splenic)).ti,ab,kw. (70)
- 4 (renal artery/dg or endovascular procedures/st or splanchnic circulation/) and aneurysm/dg (442)
- 5 1 and (2 or 3) (1305)
- 6 exp diagnostic imaging/ or ultrasonography/ or (Angiography/ or (angiog* or "magnetic resonance angiography" or MRA).ti,ab,kw.) or Arteriography.ti,ab,kw. or (angiog* or "computed tomography angiography" or CTA or ultrasonography or ultrasound).ti,ab,kw. (3405192)
- 7 (4 or 5) and 6 (1078)
- 8 limit 7 to (abstracts and english language) (667)

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- 9 ("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report*" or comment* or editorial or letter or news).ti. or ((protocol and (study or trial)) not ("therapy protocol*" or "treatment protocol*")).ti. (4936972)
- 10 8 not 9 (157)
- 11 (animal or animals or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey or monkeys or mouse or murine or pig or piglet* or pigs or porcine or primate* or rabbit* or rat or rats or rodent* or sheep* or swine or veterinar* or (vitro not vivo)).ti,ab,kw. (5391416)
- 12 10 not 11 (156)
- 13 clinical protocols/ or Consensus/ or "Consensus Development Conference".pt. or "Consensus Development Conference, NIH".pt. or Consensus Development Conferences as Topic/ or Consensus Development Conferences, NIH as Topic/ or critical pathway/ or guidelines as topic/ or practice guidelines as topic/ or Health Planning Guidelines/ or practice guideline/ or (clinical adj3 pathway).ti,ab,kf. or (clinical adj3 pathways).ti,ab,kf. or (practice adj3 parameter).ti,ab,kf. or (practice adj3 parameters).ti,ab,kf. or algorithms/ or (care adj2 pathway).ti,ab,kf. or (care adj2 pathways).ti,ab,kf. or guidance.ti,ab. or guideline*.ti,ab. (1157860)
- 14 (vascular adj6 aneurysm).ti,ab,kw. (2324)
- 15 14 and 13 (112)
- 16 (4 or 14) and 13 (124)
- 17 12 or 16 (277)
- 18 limit 4 to (abstracts and humans) (296)
- 19 limit 18 to case reports (176)
- 20 18 not 19 (120)
- 21 20 not 11 (119)
- 22 17 or 21 (302)
- 23 limit 22 to yr="1990 -Current" (261)

Literature Search Performed on: 08/09/2024

Beginning Date: January 1990

End Date: July 2024

Database: Ovid MEDLINE(R) ALL <1946 to August 07, 2024>

Search Strategy

- 1 aneurysm/ or aneurysm, false/ or cardiovascular pregnancy complication/ or cardiovascular pregnancy complications/ or vascular diseases/ or arteries/ or endovascular procedures/ or liver diseases/ (247360)
- 2 (splanchnic artery aneurysm or renal artery aneurysm or splenic artery aneurysm or hepatic artery aneurysm).ti,ab,kw. (1952)
- 3 (vascular disease adj4 (hepatic or splanchnic or renal artery or splenic)).ti,ab,kw. (70)
- 4 1 and (2 or 3) (1304)
- 5 exp diagnostic imaging/ or ultrasonography/ or (Angiography/ or (angiog* or "magnetic resonance angiography" or MRA).ti,ab,kw.) or Arteriography.ti,ab,kw. or (angiog* or "computed tomography angiography" or CTA or ultrasonography or ultrasound).ti,ab,kw. (3399296)
- 6 4 and 5 (794)
- 7 limit 6 to (abstracts and english language) (521)
- 8 exp *adolescent/ or exp *child/ or exp *infant/ or (infant disease* or childhood disease*).ti,kf. or (adolescen* or babies or baby or boy? or boyfriend or boyhood or girlfriend or girlhood or child* or girl? or infan* or juvenil* or kid? or minors or minors* or neonat* or neo-nat* or newborn* or new-born* or paediatric* or peadiatric* or pediatric* or perinat* or preschool* or puber* or pubescen* or school* or teen* or toddler? or underage? or under-age? or youth*).ti,kf. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).jn,jw. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).in. (3341709)
- 9 7 not 8 (507)
- 10 ("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report*" or comment* or editorial or letter or news).ti. or ((protocol and (study or trial)) not ("therapy protocol*" or "treatment protocol*")).ti. (4925937)
- 11 9 not 10 (86)

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12 (animal or animals or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey or monkeys or mouse or murine or pig or piglet* or pigs or porcine or primate* or rabbit* or rat or rats or rodent* or sheep* or swine or veterinar* or (vitro not vivo)).ti,ab,kw. (5382131)

13 11 not 12 (85)

14 clinical protocols/ or Consensus/ or "Consensus Development Conference".pt. or "Consensus Development Conference, NIH".pt. or Consensus Development Conferences as Topic/ or Consensus Development Conferences, NIH as Topic/ or critical pathway/ or guidelines as topic/ or practice guidelines as topic/ or Health Planning Guidelines/ or practice guideline/ or (clinical adj3 pathway).ti,ab,kf. or (clinical adj3 pathways).ti,ab,kf. or (practice adj3 parameter).ti,ab,kf. or (practice adj3 parameters).ti,ab,kf. or algorithms/ or (care adj2 pathway).ti,ab,kf. or (care adj2 pathways).ti,ab,kf. or guidance.ti,ab. or guideline*.ti,ab. (1153381)

15 6 and 14 (10)

16 13 or 15 (91)

17 limit 16 to yr="1990 -Current" (81)

18 17 or 15 (81)

Summary

Source	Excluded	Included in document	Included in Evidence Table
Old Bib	0	0	0
Lit Search 1,2,3...	429	52	43
Hand Search	NA	20	13
Author Added	NA	22	17
Guidance Documents	NA	1	1
Total	429	95	74

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.