

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Preprocedural Planning for Transcatheter Aortic Valve Replacement**

Literature Search Performed on: 03/19/2021

Beginning Date: January 2016

End Date: February 2021

Database: Ovid MEDLINE(R) ALL <1946 to March 18, 2021>

**Search Strategy**

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- 1 exp Diagnostic Imaging/ (2697492)
- 2 Transcatheter Aortic Valve Replacement/ (6662)
- 3 Aortic Valve/ (33418)
- 4 Heart Valve Prosthesis Implantation/ (23397)
- 5 Bioprosthesis/ (11969)
- 6 Aortic Valve Stenosis/ (26693)
- 7 (transcatheter aortic valve replacement or transcatheter aortic valve or "valve in valve").mp. (12795)
- 8 2 and 3 and (4 or 5 or 6) (2715)
- 9 7 and 8 (2715)
- 10 2 and 3 and 6 and (Heart Valve Diseases/ or Heart Valve Prosthesis/) (1325)
- 11 1 and (9 or 10) (846)
- 12 limit 11 to (abstracts and english language and humans and yr="2016 -Current") (617)
- 13 limit 12 to "all child (0 to 18 years)" (3)
- 14 12 not 13 (614)
- 15 limit 14 to case reports (98)
- 16 14 not 15 (516)
- 17 16 or (pre-procedural imaging and transcatheter aortic valve replacement).mp. (526)
- 18 remove duplicates from 17 (525)

**Summary**

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Source	#Unique Refs	#Retained Refs
Old bibliography	48	32
Literature Search(es)	524	13
Author Added	29	19
Supporting Docs	2	0
Total		64

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.