

Supplementary Material

Appendix I: Search Strategy

Pubmed

((Risk Factors[MeSH Terms]) OR (risk factor)) AND ((((((Rotator Cuff Injury[Title/Abstract]) OR (Rotator Cuff Tears[Title/Abstract])) OR (Rotator Cuff Tear[Title/Abstract])) OR (Rotator Cuff Tears[MeSH Terms])) OR (Rotator Cuff Tendinosis[Title/Abstract])) OR (Rotator Cuff Tendinitis[Title/Abstract]))

PubMed.gov

Search

502 results

1 Stump classification was correlated with retear in the suture-bridge and double-row repair techniques for arthroscopic rotator cuff repair.

Cite Knee Surg Sports Traumatol Arthrosc 3.166 3区 2021 Jan 18

Share Takeuchi N, Kozono N, Nishii A, Matsuura K, Ishitani E, Onizuka T, Zaitso Y, Okada T, Mizuki Y, Kimura T, Yuge H, Uchimura T, Iura K, Mori T, Ueda K, Miao G, Senju T, Takagishi K, Nakashima Y.

Embase

#1 'risk factors'/exp OR 'risk factors':ab,ti

#2 'rotator cuff injury':ab,ti OR 'rotator cuff tears':ab,ti OR 'rotator cuff tear':ab,ti OR 'rotator cuff tendinosis':ab,ti OR 'rotator cuff tendinitis':ab,ti OR 'full thickness':ab,ti

#3 #1 AND #2

History

#3 #1 AND #2 266

#2 'rotator cuff injury':ab,ti OR 'rotator cuff tears':ab,ti OR 'rotator cuff tear':ab,ti OR 'rotator cuff tendinosis':ab,ti OR 'rotator cuff tendinitis':ab,ti 6,446

#1 'risk factors'/exp OR 'risk factors':ab,ti 1,305,263

266 results for search #3

Results

1 Enterobacter cloacae infection of the shoulder in a 52-year-old woman without apparent predisposing risk factor: a case report and literature review

Huang J., Xu Q., Liu F., Xiong H., Yang J.

Web of Science

#1 AB=(risk factors OR risk factor)

#2 AB=(Rotator Cuff Injury OR Rotator Cuff Tears OR Rotator Cuff Tear OR otator Cuff Tendinosis OR Rotator Cuff Tendinitis OR full thickness)

#3 #1 AND #2

检索历史:

检索式	检索结果	保存历史/创建跟踪	打开保存的检索历史	编辑检索式
#3	219	#2 AND #1		编辑
#2	5,288	AB=(Rotator Cuff Injury OR Rotator Cuff Tears OR Rotator Cuff Tear OR otator Cuff Tendinosis OR Rotator Cuff Tendinitis)		编辑
#1	684,546	AB=(risk factors OR risk factor)		编辑

Appendix II

The Newcastle-Ottawa Scale (NOS) for Risk of Bias Assessment of Cohort Studies Included in the Meta-Analysis.

Study	Selection					Comparability	Outcome			Quality score
	Representativeness of Exposed Cohort	Selection of Nonexposed	Ascertainment of Exposure	Outcome Not Present at Start	Assessment of Outcome		Adequate Follow-Up Length	Adequacy of Follow-Up		
Abate M	☆	★	★	☆	★★	★	★	★	7	
Atala NA	☆	★	★	★	★★	★	★	★	8	
Blonna D	★	★	★	★	★	★	★	★	8	
Figueiredo EA	★	★	★	☆	★	☆	★	★	6	
Gumina S	☆	★	★	★	★	★	☆	☆	5	
İncesoy MA	★	★	★	★	★	★	★	★	8	
Jeong HJ	☆	★	★	★	★	★	★	★	7	
Passaretti D	☆	★	★	★	★	☆	★	★	6	
Spiegl UJ	☆	★	★	☆	☆	☆	★	★	4	

Table 3 Methodological quality of the included studies, based on the Agency for Healthcare Research and Quality (AHRQ) assessing the quality of cross-sectional studies.

Study	Define the source of information (survey, record review)	List of inclusion and exclusion criteria for exposed and unexposed	Indicate time period used for identifying patients	Indicate whether or not subjects were consecutive if not population-based	Indicate if evaluators of subjective components of study were masked to other aspects	Describe any assessments undertaken for quality assurance purposes (e.g., test/retest of primary	Explain any patient exclusions from analysis	Describe how confounding was assessed and/or controlled	If applicable, explain how missing data were handled	Summarize patient response rates and completeness of data collection	Clarify what follow-up, if any, was expected and the percentage of patients	Quality score
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			subjects (cases and controls) or refer to previous publications		of the status of the participants	outcome the measurements)				in the analysis		for which incomplete data or follow-up Was obtained	
Jeong HJ 2020	14	+	+	+	NA	NA	+	+	NA	-	+	NA	6
Kim JH 2018	17	+	+	+	+	NA	+	+	NA	-	+	NA	7

“+”: Yes; “-”: No; “NA”: Unclear.

Appendix III Assessment of publication bias

Analyzed factor	Number of studies *	Egger's test		Begg's test	
		T	<i>p</i> -value	<i>z</i>	<i>P</i> -value
Age	9	2.48	0.058	1.36	0.174
Male	10	0.47	0.651	0.0000	1.000
Female	10	-0.77	0.463	0.54	0.592