

Comparison of three web-scale discovery services for health sciences research

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APPENDIX A

Web-scale discovery search queries

Question	Keyword 1	Keyword 2	Keyword 3	Keyword 4
AHQ1. In older adults, is there a relationship between anaerobic exercise/strength training and accidental fall prevention?	older adults	strength training	fall prevention	
AHQ2. What protective measures should be taken into account in order to ensure that Health Insurance Portability and Accountability Act (HIPAA)-protected information is properly secured in electronic health record (EHR) systems?	electronic health records	HIPAA	information security	
AHQ3. What is the effectiveness of task-specific training for patients with upper-extremity paresis?	task-specific training	upper-extremity paresis		
DNQ1. How does bleaching affect the presence of dental caries?	bleaching	dental caries		
DNQ2. Is a manual or electric toothbrush more effective for elderly patients?	manual	electric	toothbrush	elderly
DNQ3. When is prophylactic extraction of the third molar recommended?	prophylactic extraction	third molar		
MDQ1. Should EKGs be adopted as a mandatory component of preparticipation screenings for athletes?	mandatory	EKG	preparticipation	

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MDQ2. What is an effective method of screening elderly patients for suicidal ideation?	elderly	suicidal ideation	screening	
MDQ3. What is the recommended treatment for tuberculosis in HIV-positive patients?	tuberculosis	HIV-positive	treatment	
NRQ1. What are the most effective management techniques for nurse administrators who supervise a diverse, multigenerational staff?	nursing management	diverse	multigenerational	staff
NRQ2. Does patient education have a direct effect on the instance of readmission of congestive heart failure (CHF) patients?	patient education	CHF	readmission	
NRQ3. What is the relationship between patient positioning and the presence of bedsores (pressure ulcers)?	patient positioning	pressure ulcers		
PHQ1. Is there a significant disparity in breast cancer mortality rates between African-American and White populations?	breast cancer	mortality	disparity	African-Americans
PHQ2. What is the efficacy of electronic cigarettes as a smoking cessation aid?	electronic cigarettes	smoking cessation		
PHQ3. What does the research indicate regarding the correlation between soda/soft drink taxes and weight outcomes?	soft drink	taxes	weight	
RXQ1. Can tamsulosin be used for the expulsion of ureteric stones?	tamsulosin	ureteric stones	expulsion	
RXQ2. What research exists regarding the use of naltrexone for the treatment of Parkinson's disease?	naltrexone	Parkinson's disease		



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RXQ3. How do high-potency antipsychotic compounds compare to low-potency antipsychotics when used to treat schizophrenia?	high potency	low potency	antipsychotics	schizophrenia
