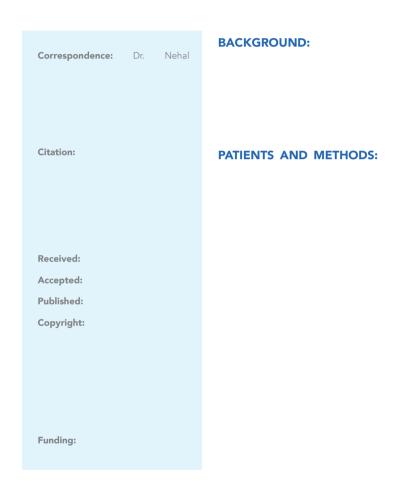
review

Prevalence of nocturnal enuresis among children and adults in Saudi Arabia: a systematic review and meta-analysis



N

PATIENTS AND METHODS

Supplementary

Table 1

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RESULTS

Figure 1

The

Table 1

Table 2

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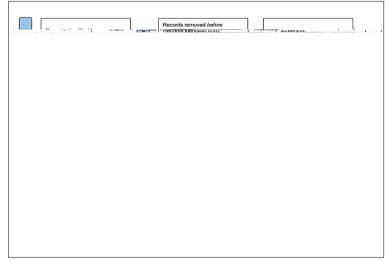


Figure 1.



Table 1.

Table 1.				



						Population	characteristic	s
Study ID	Study design	Settings	Population	Total screened sample size	Age	Gender	Parents suffering from NE	Sibling suffering from NE
				·	Mean ± SD	Male/ female	N (%)	N (%)
							NA	NA

Table 2.

		Sele	ction		Comparability	Outc	ome	Total
Study	Representative- ness of the exposed cohort	Sample size	Ascertainment of the screening/ surveillance tool	Non- response rate	Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Statistical test	Total number of stars
	+	+	+ +	+	++	+	+	
		+	++	+	++	+	+	
	+	+	+	+	++	+	+	
		+	+		++	+	+	
		+	++		++	+	+	
		+	+		++	+	+	
	+	+	++	+	++	+	+	
		+	++			+		
	+	+	++	+	++	+	+	
		+	++	+	++	+	+	
		+	+	+		+	+	
		+	++			+	+	
		+	+		++	+	+	
		+	+	+	++	+	+	
		+	+	+		+		
		+	++		++	+	+	



Prevalence of NE

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P
Figure 2
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Prevalence of NE by frequency

Figure 3

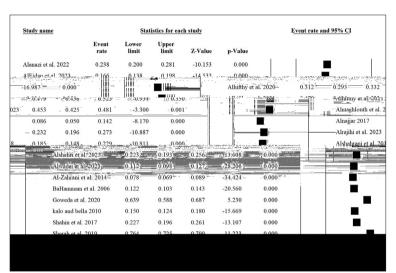


Figure 2.

Group by	Study name		Statistics for each study					Event rate and 95% CI			
Regions		Event rate	Lower limit	Upper limit	Z-Value	p-Value					
All over	Alhifthy et al. 2020	0.312	0.293	0.332	-16.987	0.000			1	-	
All over	Alrajihi et al. 2023	0.232	0.196	0.273	-10.887	0.000					
All over	Alshehri et al. 2023	0.223	0.193	0.256	-13.608	0.000			-		
All over		0.254	0.129	0.439	-2.543	0.011			-	-	
Central	AlEidan et al. 2023	0.166	0.138	0.198	-14.533	0.000					
Central	Alshahrani et al. 2018	0.185	0.148	0.229	-10.811	0.000			-		
Central	Alwadei et al. 2023	0.112	0.098	0.127	-28.206	0.000					
Central	BaHammam et al. 2006	0.122	0.103	0.143	-20.560	0.000			-		
Central		0.143	0.075	0.256	-4.861	0.000					
Eastern	Alhifthy et al. 2021	0.479	0.436	0.523	-0.934	0.350				•	
Eastern	Almaghlouth et al. 2023	0.453	0.425	0.481	-3.300	0.001					
Eastern		0.466	0.240	0.707	-0.263	0.792				-	
Northern	Alanazi et al. 2022	0.238	0.200	0.281	-10.153	0.000				1	
Northern	Shahin et al. 2017	0.227	0.196	0.261	-13.107	0.000					
Northern		0.232	0.098	0.456	-2.296	0.022			_	-	
Southern	Sherah et al. 2019	0.764	0.725	0.799	11.223	0.000					
Southern		0.764	0.434	0.932	1.599	0.110				+	_
Western	Alnajjar 2017	0.086	0.050	0.142	-8.170	0.000			-		
Western	Al-Zahrani et al. 2014	0.078	0.069	0.089	-34.424	0.000					
Western	Goweda et al. 2020	0.639	0.588	0.687	5.230	0.000				-	
Western	kalo and bella 2010	0.150	0.124	0.180	-15.669	0.000					
Western		0.186	0.099	0.322	-3.958	0.000			-	-	
							-1.00	-0.50	0.00	0.50	1.0

Figure 3.

Figure 4

Р

Prevalence of NE by time

The

Р

Figure 5

P P

Prevalence of the embarrassment and social shame in children with NE

The

Figure 6

Ρ

Prevalence of mothers seeking medical advice $$\operatorname{\textsc{The}}$$

Figure 7

Ρ

Factors affecting prevalence of NE

P P Р

Р

Table 3

Publication bias

Figure 8

Р

DISCUSSION

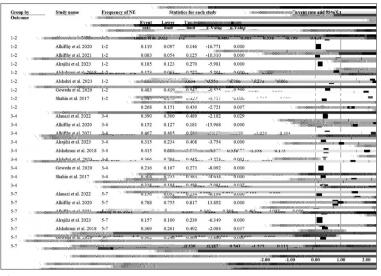


Figure 4.

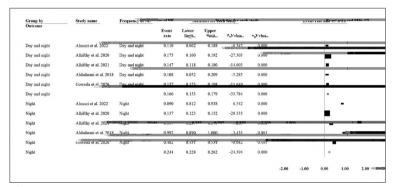


Figure 5.

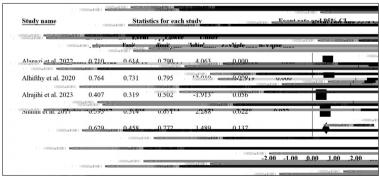


Figure 6.



Table 3.

Variable	Coefficient	Standard Error	95% Lower	95% Upper	Z value	2-sided P value
						<.0001
						<.0001

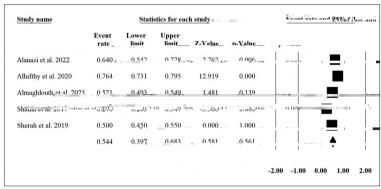


Figure 7.

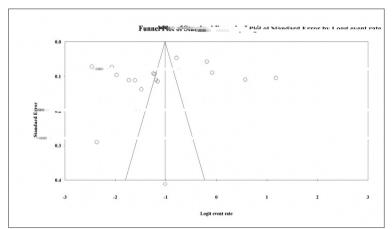


Figure 8.

Our

review

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6.	19.	33.
-	20.	34.
7.	21.	
8.	21.	35.
0.	22.	36.
9.	23.	30.
10.		37.
11.	24.	38.
12.	25.	39.
13.	26.	40.
14.	27.	41.
17.	28.	71.

15.



42.	49.	56.
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44.	51.	58.
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48.		62.

SUPPLEMENT

Supplementary Table 1

Database	Search Terms	Search Field	Search Results