

## 6. Results of the systematic review

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The specific key words for each subject critically assessed are described in table IX. The search strategy was as follows:

**A) CDSR (Cochrane Database of Systematic Reviews), ACP Journal Club, DARE (Database of Abstracts of Reviews of Effects), CCTR (Cochrane Controlled Trials Register)**

- *Key words.mp. [mp=ti, ot, ab, tx, kw, ct, sh, hw] AND*
- *Nocturnal enuresis.mp. [mp=ti, ot, ab, tx, kw, ct, sh, hw]*

**B) TRIP DATABASE with the strategy**

- *Key word(s) AND nocturnal enuresis*

In TITLE And TEXT

And

Evidence Based

Guidelines

General Peer-reviewed journals

Query-answering services

Specialist Peer-reviewed journals

**C) SUMSEARCH**

- *Key word(s) AND NOCTURNAL ENURESIS*

- *(Focus: NOFOCUS, age: CHILD, subjects: HUMAN)*

**D) BANDOLIER**

- *Enuresis, bedwetting, bed wetting OR bed-wetting*

**E) EMBASE (treatment only)**

- *Bedwetting AND Key word(s)*

**F) Clinical Evidence**

- *Enuresis AND Key word(s)*

**G) Spanish medical index (IME)**

- *"nocturnal enuresis" AND Key word(s) (in Spanish)*

**H) PubMed**

- *Therapy specific search (narrow search)  
(Bedwetting[MeSH] AND Key word(s)) AND (randomized controlled trial [Publication Type] OR (randomized [Title/Abstract] AND controlled [Title/Abstract] AND trial [Title/Abstract]))*
- *Therapy sensitive search (wide search)*

- (Bedwetting [MeSH] AND Key word(s)) AND (clinical [Title/Abstract] AND trial [Title/Abstract]) OR clinical trials [MeSH Terms] OR clinical trial [Publication Type] OR random\* [Title/Abstract] OR random allocation [MeSH Terms] OR therapeutic use [MeSH Subheading])
- Diagnosis Specificity (narrow search) ("nocturnal enuresis" AND Key word(s)) AND (specificity [Title/Abstract])
- Diagnosis Sensitivity (wide search) ("nocturnal enuresis" AND Key word(s)) AND (sensitivity [Title/Abstract] OR sensitivity and specificity [MeSH Terms] OR diagnosis [MeSH: noexp] OR diagnostic \* [MeSH: noexp] OR diagnosis, differential [MeSH: noexp] OR diagnosis [Subheading: noexp])
- Etiology Specificity (narrow search) ("nocturnal enuresis" AND *Palabras clave*) AND ((relative [Title/Abstract] AND risk\* [Title/Abstract]) OR (relative risk [Text Word]) OR risks [Text Word] OR cohort studies [MeSH: noexp] OR (cohort [Title/Abstract] AND stud\* [Title/Abstract]))
- Etiology Sensitivity (broad search) ("nocturnal enuresis" AND Key word(s)) AND (risk\* [Title/Abstract] OR risk\* [MeSH: noexp] OR risk \* [MeSH: noexp] OR cohort studies [MeSH Terms] OR group\* [Text Word])
- Prognosis Specificity (narrow search) ("nocturnal enuresis" AND Key word(s)) AND (prognos\* [Title/Abstract] OR (first [Title /Abstract] AND incident [Title /Abstract]) OR cohort [Title /Abstract])
- Prognosis Sensitivity (broad search) ("nocturnal enuresis" AND Key word(s)) AND (incidence [MeSH: noexp] OR mortality [MeSH Terms] OR follow up studies [MeSH: noexp] OR prognos\* [Text Word] OR predict\* [Text Word] OR course\* [Text Word])

The initial strategy in Pubmed was to conduct a narrow search, but when sufficient results were not found we proceeded to carry out a broad search.

When sufficient quality articles were still not found, we conducted a search without filters. The limits "Field: All Fields, Limits: Publication Date from 2002" were added to searches for treatments with alarm therapy, desmo-

**Table IX.** Systematic review. Details of searches and results for each critically evaluated subject

Subject	Key word(s)	Found	Critical reading	Selected	Quoted
Assoc. Chronic headache	headache OR cephalaea*	41	2	2	2
Assoc. Epilepsy	epilepsy NOT (hyponatremic AND desmopressin)	161	13	4	4
Assoc. ADHD	attention deficit disorder	13	4 + 3 manual	6	6 + 1 rv
Assoc. Psychological problems	esteem OR self esteem	339 42 self-esteem	18 5 self-esteem	5	5
Assoc. Sleep arousal problems	Sleep Arousal Disorders	52	6	4	4
Assoc. Sleep apnoea syndrome	apnoea (because "sleep apnoea, obstructive" [MeSH] did not result in any hits)	35	2	2	2
Assoc. Asthma/allergy	asthma OR allergy	43	3	3	3 + 3 rv
Assoc. Caffeine	caffeine	3	0	0	0
Assoc. Encopresis /constipation	constipation [MeSH]	30	10	4	4
Assoc. Pinworm	oxyuris OR "enterobius vermicularis"	4	1	1	1 + 1 rv
Assoc. Urinary tract infection	- "urinary tract infections" [MeSH] AND monosymptomatic - "asymptomatic bacteriuria" - (persistent OR refractory OR adolescent OR adult) AND (infection OR bacteriuria)	40	5	3	3
Assoc. diabetes mellitus	"diabetes mellitus" [MeSH]	3	1 + 1 manual	1	1
Assoc. diabetes insipidus	"diabetes insipidus" [MeSH]	15	4	0	0 + 2 rv
Assoc. Hypercalciuria	hypercalciuria	5	3	2	2
Assoc. Detrusor overactivity	- nocturnal enuresis AND (daytime wetting OR (dysfunction* AND voiding) OR (volume OR capacity OR frequency OR urgency) AND (bladder OR micturition)) - voiding AND Dysfunction* AND "nocturnal enuresis" AND monosymptomatic	30	6	5	5

(.../...)

(.../...)					
Subject	Key word(s)	Found	Critical reading	Selected	Quoted
Bladder diary	"frequency-volume chart" OR "voiding chart" OR "voiding diary" OR "micturition chart" OR "micturition diary"	14	1 + 3 manual	3	3 + 1rv
Urinary tract infection diagnosis in PMNE	(Monosymptomatic AND "Enuresis/diagnosis" [MeSH] AND "Urinary Tract Infections/diagnosis" [MeSH])	14	9	2	2
Urinary tract infection diagnostic method	(( "Urinary Tract Infections/diagnosis" [MeSH] OR "Urinary Tract Infections/epidemiology" [MeSH] OR "Urinary Tract Infections/urine" [MeSH]) AND dipstick)	12	5	3	0
Diabetes insipidus diagnosis	"diabetes insipidus" [MeSH]	5 + 2 ep	0 + 1 ep	1	1 ep
Simple behavioral therapy	(training OR behavioural)	co + 0	4	4	4
Complex and educational behavioral therapy	(training OR behavioural OR patient education/) methods[mesh]	co + 0	6	6	6
Alarm therapy	alarm	12 co + co + 1	13 + Cochrane	10	10
Treatment with Desmopressin	desmopressin	43 + co	10 + 17 co	27	25
Treatment with desmopressin + anticholinergics	desmopressin AND anticholinergic	19	4	3	3
Prognosis	("treatment variables" OR predict* OR prognos* OR "prognosis factor" OR "prognosis factors" OR "response factor" OR "response variable" OR "effectiveness factor" OR "effectiveness variable" OR "treatment variable" OR "treatment factor")	54	29	18	18

ep = from epidemiology, co = from the Cochrane review, rv = review articles

pressin, and simple and complex behavioral therapy because the starting with the articles of the Cochrane review up to that date.