

Table A1 - Search Strategy

The table below outlines the search strategies used for each database in the systematic review. It includes the search strings and any limitations applied to ensure transparency and reproducibility.

Database	Search String	Limits
PubMed	((("Polyuria"[Mesh] OR "Polydipsia"[Mesh] OR "Central Diabetes Insipidus"[Mesh] OR "Primary Polydipsia"[Mesh] OR "Nephrogenic Diabetes Insipidus"[Mesh]) AND ("Arginine Vasopressin"[Mesh] OR "C-Terminal Provasopressin"[Mesh] OR "Water Deprivation Test"[Mesh] OR "Desmopressin"[Mesh] OR "Copeptin"[Mesh] OR "Baseline Copeptin" OR "Copeptin Stimulation" OR "Copeptin Test" OR "Saline Infusion Test" OR "Arginine Stimulation") AND ("Child"[Mesh] OR "Adolescent"[Mesh]) AND ("Diagnostic Accuracy" OR "Sensitivity" OR "Specificity" OR "ROC" OR "AUC" OR "Predictive Value"))	Publication date from 2018 to 2024, Humans, Children and Adolescents
Cochrane Library	((Polyuria OR Polydipsia OR "Central Diabetes Insipidus" OR "Primary Polydipsia" OR "Nephrogenic Diabetes Insipidus") AND ("Arginine Vasopressin" OR "C-Terminal Provasopressin" OR "Water Deprivation Test" OR "Desmopressin" OR "Copeptin" OR "Baseline Copeptin" OR "Copeptin Stimulation" OR "Copeptin Test" OR "Saline Infusion Test" OR "Arginine Stimulation") AND (Child OR Adolescent) AND ("Diagnostic Accuracy" OR "Sensitivity" OR "Specificity" OR "ROC" OR "AUC" OR "Predictive Value"))	Publication date from 2018 to 2024, Trials, Reviews
Web of Science	(TS=(Polyuria OR Polydipsia OR "Central Diabetes Insipidus" OR "Primary Polydipsia" OR	Timespan: 2018-2024, Indexes: SCI-

	"Nephrogenic Diabetes Insipidus") AND TS=("Arginine Vasopressin" OR "C-Terminal Provasopressin" OR "Water Deprivation Test" OR "Desmopressin" OR "Copeptin" OR "Baseline Copeptin" OR "Copeptin Stimulation" OR "Copeptin Test" OR "Saline Infusion Test" OR "Arginine Stimulation") AND TS=(Child OR Adolescent) AND TS=("Diagnostic Accuracy" OR "Sensitivity" OR "Specificity" OR "ROC" OR "AUC" OR "Predictive Value"))	EXPANDED, SSCI, A&HCI, ESCI
ScienceDirect	Search String 1: (Polyuria OR Polydipsia OR "Central Diabetes Insipidus" OR "Primary Polydipsia") AND (Copeptin OR "Arginine Vasopressin" OR "Water deprivation test") AND (Child OR Adolescent) Search String 2: ("Water Deprivation Test" OR Desmopressin OR "Copeptin Stimulation" OR "Saline Infusion Test") AND ("Central Diabetes Insipidus" OR "Nephrogenic Diabetes Insipidus" OR "Primary Polydipsia") AND (Child OR Adolescent)	Date: 2018-2024, Article type: Research Articles
Scopus	TITLE-ABS-KEY(Polyuria OR Polydipsia OR "Central Diabetes Insipidus" OR "Primary Polydipsia" OR "Nephrogenic Diabetes Insipidus") AND TITLE-ABS-KEY("Arginine Vasopressin" OR "C-Terminal Provasopressin" OR "Water Deprivation Test" OR "Desmopressin" OR "Copeptin" OR "Baseline Copeptin" OR "Copeptin Stimulation" OR "Copeptin Test" OR "Saline Infusion Test" OR "Arginine Stimulation") AND TITLE-ABS-KEY(Child OR Adolescent) AND TITLE-ABS-KEY("Diagnostic Accuracy" OR "Sensitivity" OR "Specificity" OR "ROC" OR "AUC" OR "Predictive Value")	Limits: Date: 2018-2024, Document type: Article; Humans; Child

Google Scholar

(Polyuria OR Polydipsia OR "Central Diabetes
Insipidus" OR "Nephrogenic Diabetes Insipidus"
OR "Primary Polydipsia") AND (Copeptin OR
"Arginine Vasopressin" OR "Water deprivation
test") AND (Child OR Adolescent) AND
(Diagnosis OR "Diagnostic Accuracy" OR
Sensitivity OR Specificity OR "ROC Curve") -
treatment -meta-analysis -case-report

Date: 2018-2024
