Table A1. Search queries in each database and number of hits

|  |  |  |
| --- | --- | --- |
| Database | Search queries | Hits |
| PubMed | ((("Neurogenic bowel"[tiab] OR "neurogenic bowels"[tiab] OR "central nervous system diseases"[tiab] OR "central nervous system disease"[tiab] OR NBD[tiab] OR encopresis[tiab] OR "bowel incontinence"[tiab] OR "faecal soiling"[tiab] OR "fecal soiling"[tiab] OR "faecal incontinences"[tiab] OR "faecal incontinence"[tiab] OR "fecal incontinences"[tiab] OR "fecal incontinence"[tiab] OR FFI[tiab] OR "bowel function"[tiab] OR "bowel functions"[tiab] OR "neurogenic constipation"[tiab] OR "bowel symptom"[tiab] OR "bowel symptoms"[tiab] OR incontinence[tiab] OR incontinences[tiab] OR "bowel disorders"[tiab] OR "bowel disorder"[tiab] OR "bowel dysfunction"[tiab] OR "bowel dysfunctions"[tiab] OR "intestinal functionality"[tiab] OR "neurological disorder"[tiab] OR "neurological disorders"[tiab] OR "neurogenic constipation"[tiab] OR "bowel disturbances"[tiab] OR "bowel disturbance"[tiab] OR "Nervous system disease"[tiab] OR "nervous system diseases"[tiab] OR "spinal cord injury"[tiab] OR "spinal cord injuries"[tiab] OR "spina bifida"[tiab] OR "multiple sclerosis"[tiab] OR "disseminated sclerosis"[tiab] OR MS[tiab] OR meningomyelocele[tiab] OR meningomyeloceles[tiab] OR myelomeningoceles[tiab] OR myelomeningocele[tiab] OR myelocele[tiab] OR myeloceles[tiab] OR stroke[tiab] OR strokes[tiab] OR "cerebrovascular accident"[tiab] OR "cerebrovascular accidents"[tiab] OR CVA[tiab] OR CVAs[tiab] OR "brain vascular accident"[tiab] OR "brain vascular accidents"[tiab] OR apoplexy[tiab] OR "Parkinson disease"[tiab] OR "parkinsons disease"[tiab] OR “Parkinson`s disease”[tiab] OR "primary Parkinsonism"[tiab] OR "paralysis agitans"[tiab] OR (Neurogenic bowel[Mesh] OR Fecal incontinence[Mesh] OR constipation[Mesh] OR nervous system disease[Mesh])) AND (english[Filter]) AND (2005:2020[pdat]))) AND ((("Therapeutic irrigation"[tiab] OR "therapeutic irrigations"[tiab] OR "transanal irrigation"[tiab] OR enema[tiab] OR enemas[tiab] OR "bowel irrigation"[tiab] OR "bowel irrigations"[tiab] OR lavage[tiab] OR lavages[tiab] OR TAI[tiab] OR douching[tiab] OR cleaning[tiab] OR rinsing[tiab] OR "anal irrigation"[tiab] OR peristeen[tiab] OR enemata[tiab] OR "bowel management"[tiab] OR (Therapeutic irrigation[Mesh] OR Enema[Mesh])) AND (english[Filter]) AND (2005:2020[pdat]))) | 3,702 |
| CINAHL  Limiters  Publication year: 2005-2010  Language: English | (MH "Neurogenic Bowel") OR (MH "Fecal Incontinence") OR (MH "Bowel Incontinence (NANDA)") OR (MH "Bowel Incontinence (Saba CCC)") OR (MH "Bowel Incontinence Care (Iowa NIC)") OR (MH "Gastrointestinal Diseases+") OR (MH "Constipation+") OR (MH "Constipation (NANDA)+") OR (MH "Constipation (Saba CCC)+") OR (MH "Nervous System Diseases+") OR (MH “Nervous system abnormalities+”) OR (MH “spinal cord injuries+”)  TI (“gastrointestinal disease” OR “gastrointestinal diseases” OR “Neurogenic bowel” OR “neurogenic bowels” OR “fecal incontinence” OR “fecal incontinences” OR “central nervous system diseases” OR “central nervous system disease” OR NBD OR encopresis OR “bowel incontinence” OR “bowel incontinences” OR “faecal soiling” OR “faecal soilings” OR “fecal soiling” OR “fecal soilings” OR “faecal incontinences” OR “faecal incontinence” OR FFI OR “bowel function” OR “bowel functions” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel symptom” OR “bowel symptoms” OR incontinence OR incontinences OR “bowel disorders” OR “bowel disorder” OR “bowel dysfunction” OR “bowel dysfunctions” OR “intestinal functionality” OR “intestinal functionalities” OR “neurological disorder” OR “neurological disorders” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel disturbances” OR “bowel disturbance” OR “spinal cord injury” OR “spinal cord injuries” OR “central cord syndrome” OR dysreflexia OR paraplexia OR quadriplegia OR “spina bifida” OR “multiple sclerosis” OR “disseminated sclerosis” OR MS OR “neuromyelitis optica” OR meningomyelocele OR meningomyeloceles OR myelomeningoceles OR myelomeningocele OR myelocele OR myeloceles OR dysraphism OR stroke OR strokes OR “cerebrovascular accident” OR “cerebrovascular accidents” OR CVA OR CVAs OR “cerebrovascular apoplexy” OR “brain vascular accident” OR “brain vascular accidents” OR “Parkinson disease” OR “parkinsons disease” OR “parkinson´s disease” OR “primary Parkinsonism” OR “paralysis agitans”)  AB (“gastrointestinal disease” OR “gastrointestinal diseases” OR “Neurogenic bowel” OR “neurogenic bowels” OR “fecal incontinence” OR “fecal incontinences” OR “central nervous system diseases” OR “central nervous system disease” OR NBD OR encopresis OR “bowel incontinence” OR “bowel incontinences” OR “faecal soiling” OR “faecal soilings” OR “fecal soiling” OR “fecal soilings” OR “faecal incontinences” OR “faecal incontinence” OR FFI OR “bowel function” OR “bowel functions” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel symptom” OR “bowel symptoms” OR incontinence OR incontinences OR “bowel disorders” OR “bowel disorder” OR “bowel dysfunction” OR “bowel dysfunctions” OR “intestinal functionality” OR “intestinal functionalities” OR “neurological disorder” OR “neurological disorders” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel disturbances” OR “bowel disturbance” OR “spinal cord injury” OR “spinal cord injuries” OR “central cord syndrome” OR paraplegia OR quadriplegia OR “spina bifida” OR “multiple sclerosis” OR “disseminated sclerosis” OR MS OR “neuromyelitis optica” OR meningomyelocele OR meningomyeloceles OR myelomeningoceles OR myelomeningocele OR myelocele OR myeloceles OR dysraphism OR stroke OR strokes OR “cerebrovascular accident” OR “cerebrovascular accidents” OR CVA OR CVAs OR “cerebrovascular apoplexy” OR “brain vascular accident” OR “brain vascular accidents” OR “Parkinson disease” OR “parkinsons disease” OR “parkinson´s disease” OR “primary Parkinsonism” OR “paralysis agitans”)  (MH "Therapeutic Irrigation+") OR (MH "Bowel Irrigation (Iowa NIC)") OR (MH "Enema+") OR (MH "Enema (Saba CCC)") OR (MH "Bowel and Bladder Management+")  TI (lavage OR lavages OR douching OR “Therapeutic irrigation” OR “therapeutic irrigations” OR “transanal irrigation” OR “transanal irrigations” OR enema OR enemas OR “bowel irrigation” OR “bowel irrigations” OR TAI OR cleaning OR rinsing OR “anal irrigation” OR “anal irrigations” OR peristeen OR enemata OR “bowel management” OR “bowel managements” OR “Therapeutic irrigation” OR Enema)  AB (lavage OR lavages OR douching OR “Therapeutic irrigation” OR “therapeutic irrigations” OR “transanal irrigation” OR “transanal irrigations” OR enema OR enemas OR “bowel irrigation” OR “bowel irrigations” OR TAI OR cleaning OR rinsing OR “anal irrigation” OR “anal irrigations” OR peristeen OR enemata OR “bowel management” OR “bowel managements” OR “Therapeutic irrigation” OR Enema)  ((MH TAI OR TI TAI OR AB TAI) AND (MH NBD OR TI NBD OR AB NBD)) | 748,384  79,266  116,018  6,859  4,410  11,853  3,418 |
| APA PsychInfo  Limiters  Publication year: 2005-2010  Language: English | TI (“Neurogenic bowel” OR “neurogenic bowels” OR “fecal incontinence” OR “fecal incontinences” OR NBD OR encopresis OR “bowel incontinence” OR “bowel incontinences” OR “faecal soiling” OR “faecal soilings” OR “fecal soiling” OR “fecal soilings” OR “faecal incontinences” OR “faecal incontinence” OR FFI OR “bowel function” OR “bowel functions” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel symptom” OR “bowel symptoms” OR incontinence OR incontinences OR “bowel disorders” OR “bowel disorder” OR “bowel dysfunction” OR “bowel dysfunctions” OR “intestinal functionality” OR “intestinal functionalities” OR “neurological disorder” OR “neurological disorders” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel disturbances” OR “bowel disturbance” OR “spinal cord injury” OR “spinal cord injuries” OR “central cord syndrome” OR dysreflexia OR paraplexia OR quadriplegia OR hemiplegia OR “neuromuscular disorder” OR paralysis OR paraplegia OR “spina bifida” OR “multiple sclerosis” OR “disseminated sclerosis” OR MS OR myelitis OR myelocele OR myeloceles OR stroke OR strokes OR “cerebrovascular accident” OR “cerebrovascular accidents” OR CVA OR CVAs OR “cerebrovascular apoplexy” OR “brain vascular accident” OR “brain vascular accidents” OR “cerebral arteriosclerosis” OR “cerebral hemorrhage” OR “cerebral ischemia” OR “cerebral small vessel disease” OR coma OR melas OR “metabolic syndrome” OR “subarachnoid hemorrhage” OR “Parkinson disease” OR “parkinsons disease” OR “parkinson´s disease” OR “primary Parkinsonism” OR “paralysis agitans” OR bradykinesia OR dementia OR “multiple system atrophy” OR paralysis)  AB (“Neurogenic bowel” OR “neurogenic bowels” OR “fecal incontinence” OR “fecal incontinences” OR NBD OR encopresis OR “bowel incontinence” OR “bowel incontinences” OR “faecal soiling” OR “faecal soilings” OR “fecal soiling” OR “fecal soilings” OR “faecal incontinences” OR “faecal incontinence” OR FFI OR “bowel function” OR “bowel functions” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel symptom” OR “bowel symptoms” OR incontinence OR incontinences OR “bowel disorders” OR “bowel disorder” OR “bowel dysfunction” OR “bowel dysfunctions” OR “intestinal functionality” OR “intestinal functionalities” OR “neurological disorder” OR “neurological disorders” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel disturbances” OR “bowel disturbance” OR “spinal cord injury” OR “spinal cord injuries” OR “central cord syndrome” OR dysreflexia OR paraplexia OR quadriplegia OR hemiplegia OR “neuromuscular disorder” OR paralysis OR paraplegia OR “spina bifida” OR “multiple sclerosis” OR “disseminated sclerosis” OR MS OR myelitis OR myelocele OR myeloceles OR stroke OR strokes OR “cerebrovascular accident” OR “cerebrovascular accidents” OR CVA OR CVAs OR “cerebrovascular apoplexy” OR “brain vascular accident” OR “brain vascular accidents” OR “cerebral arteriosclerosis” OR “cerebral hemorrhage” OR “cerebral ischemia” OR “cerebral small vessel disease” OR coma OR melas OR “metabolic syndrome” OR “subarachnoid hemorrhage” OR “Parkinson disease” OR “parkinsons disease” OR “parkinson´s disease” OR “primary Parkinsonism” OR “paralysis agitans” OR bradykinesia OR dementia OR “multiple system atrophy” OR paralysis)  TI (lavage OR lavages OR douching OR “Therapeutic irrigation” OR “therapeutic irrigations” OR “transanal irrigation” OR “transanal irrigations” OR enema OR enemas OR “bowel irrigation” OR “bowel irrigations” OR TAI OR cleaning OR rinsing OR “anal irrigation” OR “anal irrigations” OR peristeen OR enemata OR “bowel management” OR “bowel managements” OR “Therapeutic irrigation” OR Enema)  AB (lavage OR lavages OR douching OR “Therapeutic irrigation” OR “therapeutic irrigations” OR “transanal irrigation” OR “transanal irrigations” OR enema OR enemas OR “bowel irrigation” OR “bowel irrigations” OR TAI OR cleaning OR rinsing OR “anal irrigation” OR “anal irrigations” OR peristeen OR enemata OR “bowel management” OR “bowel managements” OR “Therapeutic irrigation” OR Enema)  ((TI TAI OR AB TAI) AND (TI NBD OR AB NBD)) | 52,243  118,705  466  2,542  154 |
| Scopus | TITLE-ABS-KEY(lavage\* OR douching OR "TherapeuticAB (“Neurogenic bowel” OR “neurogenic bowels” OR “fecal incontinence” OR “fecal incontinences” OR NBD OR encopresis OR “bowel incontinence” OR “bowel incontinences” OR “faecal soiling” OR “faecal soilings” OR “fecal soiling” OR “fecal soilings” OR “faecal incontinences” OR “faecal incontinence” OR FFI OR “bowel function” OR “bowel functions” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel symptom” OR “bowel symptoms” OR incontinence OR incontinences OR “bowel disorders” OR “bowel disorder” OR “bowel dysfunction” OR “bowel dysfunctions” OR “intestinal functionality” OR “intestinal functionalities” OR “neurological disorder” OR “neurological disorders” OR “neurogenic constipation” OR “neurogenic constipations” OR “bowel disturbances” OR “bowel disturbance” OR “spinal cord injury” OR “spinal cord injuries” OR “central cord syndrome” OR dysreflexia OR paraplexia OR quadriplegia OR hemiplegia OR “neuromuscular disorder” OR paralysis OR paraplegia OR “spina bifida” OR “multiple sclerosis” OR “disseminated sclerosis” OR MS OR myelitis OR myelocele OR myeloceles OR stroke OR strokes OR “cerebrovascular accident” OR “cerebrovascular accidents” OR CVA OR CVAs OR “cerebrovascular apoplexy” OR “brain vascular accident” OR “brain vascular accidents” OR “cerebral arteriosclerosis” OR “cerebral hemorrhage” OR “cerebral ischemia” OR “cerebral small vessel disease” OR coma OR melas OR “metabolic syndrome” OR “subarachnoid hemorrhage” OR “Parkinson disease” OR “parkinsons disease” OR “parkinson´s disease” OR “primary Parkinsonism” OR “paralysis agitans” OR bradykinesia OR dementia OR “multiple system atrophy” OR paralysis) irrigation\*" OR "transanal irrigation\*" OR enema\* OR "bowel irrigation\*" OR TAI OR cleaning OR rinsing OR "anal irrigation\*" OR peristeen OR enemata OR "bowel management\*" OR "rectal irrigation\*") AND TITLE-ABS-KEY("Neurogenic bowel\*" OR "central nervous system disease\*" OR NBD OR encopresis OR "bowel incontinence\*" OR "faecal soiling\*" OR "fecal soiling\*" OR "faecal incontinence\*" OR "fecal incontinence\*" OR "bowel function\*" OR FFI OR "neurogenic constipation\*" OR "bowel symptom\*" OR incontinence\* OR "bowel disorder\*" OR "bowel dysfunction\*" OR "intestinal functionalit\*" OR "neurological disorder\*" OR "neurogenic constipation\*" OR "bowel disturbance\*" OR constipation\* OR "nervous system disease\*" OR "spinal cord injur\*" OR "spina bifida" OR "multiple sclerosis" OR "disseminated sclerosis" OR meningomyelocele\* OR myelomeningocele\* OR myelocele\* OR stroke\* OR "cerebrovascular accident\*" OR CVA\* OR "brain vascular accident\*" OR apoplex\* OR "Parkinson disease" OR "parkinsons disease" OR "parkinson´s disease" OR "primary Parkinsonism\*" OR "paralysis agitans") AND LANGUAGE(english) AND ( LIMIT-TO ( PUBYEAR,2020) OR LIMIT-TO ( PUBYEAR,2019) OR LIMIT-TO ( PUBYEAR,2018) OR LIMIT-TO ( PUBYEAR,2017) OR LIMIT-TO ( PUBYEAR,2016) OR LIMIT-TO ( PUBYEAR,2015) OR LIMIT-TO ( PUBYEAR,2014) OR LIMIT-TO ( PUBYEAR,2013) OR LIMIT-TO ( PUBYEAR,2012) OR LIMIT-TO ( PUBYEAR,2011) OR LIMIT-TO ( PUBYEAR,2010) OR LIMIT-TO ( PUBYEAR,2009) OR LIMIT-TO ( PUBYEAR,2008) OR LIMIT-TO ( PUBYEAR,2007) OR LIMIT-TO ( PUBYEAR,2006) OR LIMIT-TO ( PUBYEAR,2005) ) | 3,895 |
| Web of Science Core Collection | TS=(lavage\* OR douching OR “Therapeutic irrigation\*” OR “transanal irrigation\*” OR enema\* OR “bowel irrigation\*” OR TAI OR cleaning OR rinsing OR “anal irrigation\*” OR peristeen OR enemata OR “bowel management\*” OR “rectal irrigation\*”) AND TS=(“Neurogenic bowel\*” OR “central nervous system disease\*” OR NBD OR encopresis OR “bowel incontinence\*” OR “faecal soiling\*” OR “fecal soiling\*” OR “faecal incontinence\*” OR “fecal incontinence\*” OR “bowel function\*” OR FFI OR “neurogenic constipation\*” OR “bowel symptom\*” OR incontinence\* OR “bowel disorder\*” OR “bowel dysfunction\*” OR “intestinal functionalit\*” OR “neurological disorder\*” OR “neurogenic constipation\*” OR “bowel disturbance\*” OR constipation\* OR “nervous system disease\*” OR "spinal cord injur\*” OR "spina bifida" OR "multiple sclerosis" OR "disseminated sclerosis" OR meningomyelocele\* OR myelomeningocele\* OR myelocele\* OR stroke\* OR "cerebrovascular accident\*" OR CVA\* OR "brain vascular accident\*" OR apoplex\* OR "Parkinson disease" OR "parkinsons disease" OR “parkinson´s disease” OR "primary Parkinsonism\*" OR "paralysis agitans") | 2,897 |