

Supplementary file 1`

1. EMBASE

('multiple sclerosis'/exp OR 'ms' OR 'chariot disease' OR 'chronic progressive multiple sclerosis' OR 'disseminated sclerosis' OR 'insular sclerosis' OR 'multiple sclerosis' OR 'multiple sclerosis, chronic progressive' OR 'multiple sclerosis, relapsing-remitting' OR 'primary progressive multiple sclerosis' OR 'relapsing remitting multiple sclerosis' OR 'relapsing-remitting multiple sclerosis' OR 'sclerosis multiplex' OR 'sclerosis, disseminated' OR 'sclerosis, insular' OR 'sclerosis, multiple' OR 'secondary progressive multiple sclerosis' OR 'autoimmune encephalomyelitis'/exp OR 'demyelinating disease'/exp OR 'brain demyelination' OR 'clinically isolated syndrome' OR 'cns demyelinating autoimmune diseases' OR 'demyelinating autoimmune diseases, cns' OR 'demyelinating brain disease' OR 'demyelinating disease' OR 'demyelinating disease, hereditary central nervous system' OR 'demyelinating diseases' OR 'demyelination disease' OR 'demyelinizing disease' OR 'hereditary central nervous system demyelinating disease' OR 'hereditary central nervous system demyelinating diseases' OR 'heredodegenerative disorders, nervous system' OR 'nervous system heredodegenerative disorders') AND ('tibial nerve stimulation'/exp OR 'percutaneous tibial nerve stimulation'/exp OR 'transcutaneous tibial nerve stimulation'/exp OR 'neuromodulation'/exp OR 'modulation, neuro' OR 'neuromodulation' OR 'nerve stimulation'/exp OR 'nerve stimulation' OR 'nerve stimulus' OR 'neurostimulation' OR 'peripheral nerve stimulation' OR 'stimulation, nerve') AND ('feces incontinence'/exp OR 'anal incontinence' OR 'anus incontinence' OR 'bowel incontinence' OR 'defecation incontinence' OR 'encopresia' OR 'encopresis' OR 'encopresy' OR 'excretory incontinence' OR 'faecal incontinence' OR 'faeces incontinence' OR 'fecal incontinence' OR 'fecal incontinency' OR 'feces incontinence' OR 'incontinence, anal' OR 'incontinentia alvi' OR 'intestinal incontinence' OR 'rectal incontinence' OR 'rectum incontinence' OR 'stool incontinence' OR 'intestinal dysmotility'/exp OR 'bowel dysfunction'/exp OR 'feces'/exp OR 'occult blood'/exp OR 'faecal blood' OR 'faecal blood loss' OR 'faecal occult blood' OR 'faeces blood' OR 'faeces occult blood' OR 'fecal blood' OR 'fecal blood loss' OR 'fecal occult blood' OR 'feces blood' OR 'feces occult blood' OR 'hemoccult' OR 'occult bleeding' OR 'occult blood' OR 'occult blood loss' OR 'occult blood, faeces' OR 'occult blood, feces' OR 'occult haemorrhage' OR 'occult hemorrhage' OR 'stool occult blood' OR 'fecal leakage'/exp OR fecal OR stool)

2. WoS

Posterior tibial nerve stimulation OR tibial nerve stimulation OR neuromodulation OR percutaneous tibial nerve stimulation OR transcutaneous electric nerve stimulation OR transcutaneous tibial nerve stimulation OR pins OR tens OR TNS OR neuromodulation OR Percutaneous Electrical Neuromodulation OR electrostimulation OR Transdermal Electrostimulation (All Fields) and Multiple sclerosis OR encephalomyelitis OR encephalomyelitis disseminata OR MS (All Fields) and fecal incontinence OR feces

incontinence OR bowel dysfunction OR gas incontinence OR stool incontinence OR fecal leak OR fecal leakage OR feces leakage OR stool leakage (All Fields)

3. Scopus

(TITLE-ABS-KEY ("multiple sclerosis" OR encephalomyelitis OR "encephalomyelitis disseminata" OR ms) AND TITLE-ABS-KEY ("posterior tibial nerve stimulation" OR "tibial nerve stimulation" OR neuromodulation OR "percutaneous tibial nerve stimulation" OR "transcutaneous electric nerve stimulation" OR "transcutaneous tibial nerve stimulation" OR pins OR tens OR tns OR neuromodulation OR "Percutaneous Electrical Neuromodulation" OR electrostimulation OR "Transdermal Electrostimulation") AND TITLE-ABS-KEY ("fecal incontinence" OR "feces incontinence" OR "bowel dysfunction" OR "gas incontinence" OR "stool incontinence" OR "fecal leak" OR "fecal leakage" OR "feces leakage" OR "stool leakage"))

4. PubMed

((((((((((("Multiple Sclerosis"[Mesh]) OR "Multiple Sclerosis, Relapsing-Remitting"[Mesh]) OR "Multiple Sclerosis, Chronic Progressive"[Mesh]) OR "Demyelinating Diseases"[Mesh]) OR (MS)) OR (autoimmune encephalomyelitis)) OR (demyelinating autoimmune disease)) OR (insular sclerosis)) OR (disseminated sclerosis)) AND (((((((("Transcutaneous Electric Nerve Stimulation"[Mesh]) OR "Electric Stimulation Therapy"[Mesh]) OR (percutaneous tibial nerve stimulation[Title/Abstract])) OR (posterior tibial nerve stimulation[Title/Abstract])) OR (tibial nerve stimulation[Title/Abstract])) OR (transdermal nerve stimulation[Title/Abstract])) OR (transdermal tibial nerve stimulation[Title/Abstract])) OR (electrostimulation[Title/Abstract]))) AND (((("Fecal Incontinence"[Mesh]) OR "Intestinal Diseases"[Mesh]) OR (bowel dysfunction)) OR (feces incontinence OR incontinentia alvi OR intestinal incontinence OR rectal incontinence OR rectum incontinence OR stool incontinence OR intestinal dysmotility OR bowel dysfunction OR feces))