

Table S2 Inclusion and exclusion criteria

Inclusion criteria	Exclusion Criteria
Population	
Patients with mild cognitive impairment (MCI)	<ul style="list-style-type: none"> • Cognitive impairment (not mild) • Alzheimer disease • Non-human
Intervention	
Group B vitamins: <ul style="list-style-type: none"> • Pyridoxine (B6) • Folate (B9) • Cobalamin (B12) 	Any intervention other group B vitamins (B6, B9, B12) mentioned in the inclusion criteria
Comparator	
Placebo or any above intervention	No exclusion based on comparator
Outcomes	
Efficacy: <ul style="list-style-type: none"> • Change in homocysteine level from baseline 	
Study design	
<ul style="list-style-type: none"> • Randomized, controlled, prospective trials, if applicable cross-over design RCTs • Single-arm trials • Non-randomized controlled trial • Retrospective cohort study • Prospective cohort study • Retrospective observational study • Prospective observational study • Case-control study • Cross-sectional study • Systematic reviews and meta-analyses used for identification of primary studies (no separate search to be performed) 	<ul style="list-style-type: none"> • Editorial • Letters • Notes • Commentaries • Reviews • Case series • Case-reports • Epidemiology/registry study
Publication year	

From the inception of database to present

- EMBASE 1974 to July 13, 2020
- MEDLINE (R) (ALL) 1946 to July 13, 2020
- PsycINFO 1806 to July 15, 2020
- EBM Reviews - Cochrane Central Register of Controlled Trials June 2020