Supplemental Figure 1. Trial flow chart

528 records identified through database searching

19 additional records identified through other sources

399 records screened

354 records excluded because they were not randomized (observational studies, meta-analyses and narrative reviews), did not assess BCAA or did not include patients with HE

45 records referring to potentially eligible trials (full-text articles or abstracts) assessed for eligibility

13 trials (28 references) excluded because they assessed intravenous BCAA (n=8), compared different BCAA regimens (n=3) or were quasi-randomised (n=2)

8 randomised controlled trials (17 references) included