

Inclusion criteria (both criteria 1 and 2 must be met for patient to be eligible)	Exclusion criteria (if any one of these is met, patient is ineligible)
Inclusion criteria (Criteria 1, 2 and 3 must be met for patient to be eligible) 1) Total Burn Surface Area (TBSA): TBSA ≥ 20% for patients ages 18 – 59 years OR TBSA ≥ 10% for patients ages 60 – 80 years 2) Deep 2nd and/or 3rd degree burns requiring grafting 3) Age + TBSA = 40-119 Please call the Study Coordinator on call if you have an eligible patient.	 72 hrs from admission to ICU to time of consent Patients > 80 yrs or < 18 yrs of age Liver cirrhosis - Child's class C liver disease Pregnancy Absolute contra-indication for EN (intestinal occlusion or perforation, abdominal injury) Patients admitted > 48 hrs post burn (for patients that receive standardized burn care and resuscitation prior to admission to ICU, this exclusion criteria may be extended to "Patients admitted > 96 hrs post burn"; if this is the case consent must be obtained within 24 hrs of admission to burn ICU according to the judgement of the Site Investigator) Patients with injuries from high voltage electrical shock Patients who are moribund Patients with BMI < 18 or > 50 Enrollment in another industry sponsored ICU intervention study (co-enrollment in academic studies will be considered on a case by case basis) Received glutamine supplement for > 24 hrs prior to randomization Known allergy to maltodextrin, corn starch, corn, or corn products