

APPENDIX 3 - Schedule of Assessments

Assessment	Measurement	Timepoint(s) of evaluation
Hormonal and metabolic	Insulin, C-peptide, fatty acid, glycerol, triglyceride, GLP-1, glucose, ketones urea	Tested hourly on Study Day 2 as per research bloods (Figure 2)
Acid-base balance	Arterial blood gas (pH, bicarbonate, lactate, base excess)	With routine daily blood sampling
Haematology	Haematocrit, haemoglobin, platelet count, red cell distribution width, red blood cell count, white blood cell count, neutrophils, lymphocytes. Activated partial thromboplastin time, prothrombin time, International Normalised Ratio (INR) C-reactive protein	With routine daily blood sampling
Biochemistry	Albumin, alkaline phosphatase, alanine aminotransferase, calcium, creatinine, magnesium, phosphate, potassium, sodium, total bilirubin, urea, eGFR	With routine daily blood sampling
Clinical	SOFA Mortality and length of stay	Baseline, day 2 ICU and hospital discharge
Nutrition	Vomiting Diarrhoea Delayed gastric emptying Ileus Aspiration Total enteral nutritional intake	During study intervention period