

Supplementary Table 1. Study schedule

Protocol: treatment and assessments	Culture process			Treatment				Observation																Discontinuation of transplantation	Discontinuation after transplantation
	Screening	Skin biopsy		1 week after skin biopsy	Pre-transplantation (hospitalization), day -1	Transplantation, day 1	Transplantation, day 2	Discharge from hospital, day 4	Week 1	Week 4	Week 8	Week 12	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40	Week 44	Week 48				
		pre	post																						
Permissible range	30 days within registration	30 days within confirmation of eligibility	±4 days	7 days within transplanting	60 ± 21 days after skin biopsy			±4 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±7 days	±28 days			
Informed consent	X																								
Subject background	X																								
Interview, medical examination	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Present complains	X																								
Inclusion/exclusion criteria	X																								
Medical history	X																								
Physical examination*1	X	X	X	X	X	X	X	X																	
Subjective and objective symptoms	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Clinical tests																									
Haematologic test*2	X			X																					
Haematologic biochemical test*3	X			X					X	X				X							X	X			
Coagulation test	X								X	X				X							X	X			
Infection analysis	X																								
Urine qualitative analysis	X																								
Chest X-ray	X																								
Electrocardiography	X																								
Nerve system and functional tests																									
Sensory functional test (SWT)	X								X	X				X							X	X			
Sensory functional test (s2PD, m2PD)	X								X	X				X							X	X			
Assessment of upper limb impairment	X								X	X				X							X	X			
Motor nerve function analysis (MMT)	X**								X**	X**				X**							X**	X**			
Pregnancy test	X																								
Adverse event, failure																					X	X			
Information regarding combination treatment																					X	X			

*1: blood pressure, body weight, body temperature

*2: RBC, WBC, PLT, HGB, HCT, Diff, screening: MCV, MCH, MCHC

*3: TP, Alb, AST, ALT, ALP, T-Bil, Cr, BUN, CK, FBS, Na, K, Cl, Ca, CRP

** : Conducted only for eligible individuals

SWT: Semmes-Weinstein monofilament test

s2PD: static 2-point discrimination test; m2PD: moving 2-point discrimination test; MMT: Manual Muscle Test

Abbreviations

RBC: Red Blood Cell; WBC: White Blood Cell; PLT: Platelet; HGB: Hemoglobin; HCT: Hematocrit; Diff: differential white blood count; MCV: Mean corpuscular volume; MCH: Mean corpuscular hemoglobin; MCHC: Mean corpuscular hemoglobin concentration.

TP: Total Protein; Alb: Albumin; AST: Aspartate aminotransferase; ALT: Alanine aminotransferase; ALP: Alkaline phosphatase; T-Bil: Total Bilirubin; Cr: Creatinine; BUN: Blood Urea Nitrogen; CK: Creatine Kinase; FBS: Fasting Blood Sugar (Glucose); Na: Sodium; K: Potassium; Cl: Chloride; Ca: Calcium; CRP: C-Reactive