Extracranial-intracranial vascular bypass (STA-MCA Bypass)

Indication:	Carotid Stenosis	
Position:	Supine with R hand keep adducted, head turned to left side Mayfield clamp	
Anae:	Remifentanly x 2 Plain ETT NS with plain set, A-line, SCD, BIS monitor, Foley insertion	
Scalp prep	Refer to scalp prep tray	
LA infiltration	No need	
Instruments	N001, N002a, N002b, N101, N102, +/- N102a, N301 N501, N503, N504, **N505a,N505b** N601a + N602b, N701 + T102 hose N401, N402 (use temperate clip as vascular clamp)	
Supple Instruments:	Skull pin D/F Debakey 200mm	Ligaclip applier "s" Background
Consumables	Plain gauze, mini raytec gauze Ioban 6640 Blade No.20, No.11 1@ Bulb syringe x 2, 20ml syringe on blunt needle x 2 set Raney clip, Bone wax, Surgicel L, S 1@ 3/0 Vicryl CR needle Perforator (Codman), Dissecting tool -neuro blade (FT/8TA23) – twist dirll (8TD115) Patties L, M, S 1@ Mic drape Metal clip S	Surgiloop (sling) x 2-3 Heparized saline (1 unit/ml) on 3ml syringe with 24 angiocath *Heparin 1000iu/ml 1ml Heparin + 99ml NS □ 1000 iu/100ml □ 10iu/ml Paparavine HCI 10ml in 10ml NS Camera cover + sterile glove + KY-jelly□ drape the doppler 10-0 ethilon for anastomosis
Sutures	3/0 Vicryl (dura closure) 2/0 Vicryl (scalp closure) Skin stapler (Skin closure)	
Remarks	Doppler brought from ward Prepare rubber shod x 2-3 pairs First to make a graft from scalp, then proceed to start craniotomy, □ dissecting to the defect, □ vascular clamp, □ anastomosis.	