

Table 1: Transplant Liver Prednisone Taper (Module)

Transplant Liver Prednisone Taper (Module)			
Incl		Communication Order	LHSC-UH
		<i>Nurse to notify MD to change prednisone PO to methylprednisone IV if pt becomes NPO</i>	
		Start (Initiation of Therapy) (Note)	
Incl		predniSONE	LHSC-UH
		<i>60 mg, tab, ORAL, ONCE, Start: T+1;0800</i>	
		Step 1: (Note)	
Incl		predniSONE	LHSC-UH
		<i>50 mg, tab, ORAL, ONCE, Start: T+2;0800</i>	
		Step 2: (Note)	
Incl		predniSONE	LHSC-UH
		<i>40 mg, tab, ORAL, ONCE, Start: T+3;0800</i>	
		Step 3: (Note)	
Incl		predniSONE	LHSC-UH
		<i>30 mg, tab, ORAL, ONCE, Start: T+4;0800</i>	
		Step 4: Ongoing therapy (Note)	
Incl		predniSONE	LHSC-UH
		<i>20 mg, tab, ORAL, daily, Start: T+5;0800</i>	
Legend:			
Incl		This orderable is prechecked but can be unchecked	
	Pers	This is a persistent note	
	Req	This orderable is required and can NOT be unchecked	
		London Health Sciences - University Hospital	LHSC-UH

Table 2: Transplant Liver Assessment

Laboratory			
		Group and Screen (LHSC/SJHC)	LHSC-UH
		IPAC recommends a CPE screening program at LHSC for patients with a history of out of country healthcare (Inpatient admission, surgery, dialysis) in the past 12 months. (Note)	
		Carbapenemase Producing Enterobacteriaceae Screen Test (CPET)	LHSC-UH
		<i>Routine, T;N</i>	
Hematology			
		LAB - Iron Overload Screen (Module)	LHSC-UH
		Glycated Hemoglobin (GLYHB)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Complete Blood Count (CBC)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		INRPTT	LHSC-UH
		<i>Routine, T;N, Blood</i>	
General Chemistry			
Incl		Alphafetoprotein(Nonpregnant),Serum (AFP)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Calcium,Serum,Plasma (CA)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Creatinine (CRE)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Electrolytes,Serum,Plasma (LYTE)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Ethanol Level,Serum (ALC)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Glucose,Random (GLUR)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Magnesium,Serum,Plasma (MG)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		TSH (3rd Generation),Serum (TSH)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Incl		Urea (U)	LHSC-UH
		<i>Routine, T;N, Blood</i>	

	Alpha-1-Antitrypsin,Serum (A1AT)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Anti-Nuclear Antibody,Serum (ANA)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Autoimmune Liver Disease Profile,Serum (AILDP)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	CA19-9,Serum (CA199S)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Ceruloplasmin,Serum (CER)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Immunoglobulins GAM,Serum (IGAM)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Prostate Specific Antigen,Serum (PSA)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Zinc,Plasma (ZNP)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Liver Function/Enzymes		
Incl	LAB - HLA Assessment - Liver Recipient (Module)	Facility Flexing Not Defined
Incl	Albumin,Serum,Plasma (ALB)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Incl	Alanine Aminotransferase (ALT)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Incl	Alkaline Phosphatase (ALP)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
	Aspartate Aminotransferase (AST)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Incl	Bilirubin,Direct (BILD)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Incl	Bilirubin,Total (BILT)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Incl	Prealbumin,Serum (PALB)	LHSC-UH
	<i>Routine, T;N, Blood</i>	
Microbiology		
	Urinalysis (DIPU)	LHSC-UH

		<i>Routine, T;N, Urine</i>	
		Electrolytes,Urine (LYTEU)	LHSC-UH
		<i>Routine, T;N, Urine</i>	
		Sodium,Urine,Random (NAU)	LHSC-UH
		<i>Routine, T;N, Urine</i>	
Serology			
		LAB - MOTU Viral Serology (Module)	LHSC-UH
		LAB - Hepatitis Recipient Transplant Screen (Module)	LHSC-UH
Incl		Hepatitis B Screen (HpBpanel)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
		Hepatitis B DNA (HpBDNA)	LHSC-UH
		<i>T;N, Blood</i>	
		Hepatitis C RNA Quantitative - Viral Load (HpCRNAQ)	LHSC-UH
		<i>Routine, T;N, Blood</i>	
Blood Gases			
		Blood Gas (BG)	LHSC-UH
		<i>Routine, T;N</i>	
Diagnostic Imaging			
		Chest PA/Lat	LHSC-UH
		US Abdomen/Pelvis	LHSC-UH
Nuclear Medicine			
		NM myocardial perfusion rest study	LHSC-UH
Other Diagnostic Testing/Treatment			
		ECG 12 Lead	LHSC-UH
		<i>T;N</i>	
		Echo Routine	LHSC-UH
		Echo Bubble	LHSC-UH
Consults			
		Consult to Physician	LHSC-UH
		<i>Service: Hepatology</i>	
		Consult to Physician	LHSC-UH

		<i>Service: Transplant</i>	
		Consult to Physician	LHSC-UH
		<i>Service: Anesthesia</i>	
		Consult to Physician	LHSC-UH
		<i>Service: Dentistry</i>	
Allied Health			
		Physiotherapy Referral	LHSC-UH
		<i>Routine, Transplant Candidate Assessment</i>	
		Social Work Referral	LHSC-UH
		<i>Routine, Assess, Other, transplant patient</i>	
		Dietitian Referral	LHSC-UH
		<i>Routine, Recommend oral diet, transplant patient</i>	
Legend:			
Incl		This orderable is prechecked but can be unchecked	
	Pers	This is a persistent note	
	Req	This orderable is required and can NOT be unchecked	
		London Health Sciences - University Hospital	LHSC-UH

Table 3: Transplant Liver Transfer to Multi-Organ Transplant Unit

Resuscitation Status		
		Please ensure the resuscitation documentation is completed/reviewed (Note)
Diet		
		Tube Feed + Food LHSC
		LHSC-UH
		Advance Diet as Tolerated
		LHSC-UH
		Clear Fluids with Supplements
		LHSC-UH
		Regular Diet LHSC
		LHSC-UH
		<i>Sodium 87 mmol (2 g)</i>
Activity		
Incl		Activity as Tolerated
		LHSC-UH
Vital Signs		
Incl		Vital Signs
		LHSC-UH
		<i>per protocol (Def)</i>
		<i>daily</i>
		<i>q1 hour.</i>
		<i>q12 hours.</i>
		<i>q2 hours.</i>
		<i>q3 hours.</i>
		<i>q30 days</i>
		<i>q30 minutes</i>
		<i>q4 hours.</i>
		<i>q6 hours.</i>
		<i>q8 hours.</i>
		<i>weekly</i>
Patient Care		
Incl		POC Blood Glucose
		LHSC-UH
		<i>BID</i>
Incl		Cardiac Monitoring
		LHSC-UH
		<i>Arrhythmia (known or suspected)</i>
Incl		Weight
		LHSC-UH
		<i>daily.</i>

Incl	Intake and Output	LHSC-UH
	<i>q1 hour. 2 day, then re-assess</i>	
Incl	Drain/Tube Care	LHSC-UH
	<i>Hemovac Drain</i>	
Incl	Dressing Change	LHSC-UH
	<i>daily.</i>	
Incl	lidocaine 1% injectable solution	LHSC-UH
	<i>10 mL, injection, intraDERMAL, ONCE</i>	
Respiratory Care		
	Oxygen Therapy	LHSC-UH
Incl	Oxygen Titration	LHSC-UH
	<i>Target: SpO2 greater than or equal to 92% (Def)</i>	
	<i>Target: SpO2 88-92% for CO2 Retention</i>	
Continuous Infusions		
	BLOOD TRANSFUSION - Albumin 25% (Alb 25%) - Product Only	LHSC-UH
	BLOOD TRANSFUSION - Albumin 5% (Alb 5%) - Product Only	LHSC-UH
IV Maintenance Therapy		
	dextrose 5%-sodium chloride 0.45%	LHSC-UH
	<i>IV continuous, 50 mL/hr (Def)</i>	
	<i>IV continuous, 75 mL/hr</i>	
	dextrose 5% in water (D5W)	LHSC-UH
	<i>IV continuous, 50 mL/hr (Def)</i>	
	<i>IV continuous, 75 mL/hr</i>	
Medications		
	Ensure medication reconciliation continues appropriate medications for MOTS (Note)	
	ENDO - Subcutaneous Insulin Correctional Scale (Module)	LHSC-UH
	CRIT CARE - Electrolyte Replacement (Module)	Facility Flexing Not Defined
	lansoprazole	LHSC-UH
	<i>30 mg, DR cap, ORAL, daily</i>	
	ondansetron	LHSC-UH
	<i>4 mg, tab, ORAL, q8 hours, PRN (Def)</i>	
	<i>8 mg, tab, ORAL, q8 hours, PRN</i>	

	ondansetron injection	LHSC-UH
	<i>8 mg, injection, IV, q8 hours, PRN (Def)</i>	
	<i>4 mg, injection, IV, q8 hours, PRN</i>	
	<i>Comments - Must be given by intermittent IV infusion to patients 65 and older</i>	
Incl	Septra DS 800 mg-160 mg oral tablet	LHSC-UH
	<i>1 tab, tab, ORAL, daily Mon,Wed,Fri</i>	
Analgesics		
	acetaminophen	LHSC-UH
	<i>650 mg, tab, ORAL, q6 hours, PRN pain</i>	
	<i>Comments - max 4 g acetaminophen in 24 hr from all sources</i>	
	gabapentin	LHSC-UH
	<i>100 mg, cap, ORAL, TID</i>	
Analgesics: Opioids		
	HYDRomorphone	LHSC-UH
	<i>2 mg, tab, ORAL, q4 hours PRN pain</i>	
	HYDRomorphone injection	LHSC-UH
	<i>1 mg, injection, SUBCUTANEOUS, q1 hour PRN for pain</i>	
	traMADol	LHSC-UH
	<i>50 mg, tab, ORAL, q6 hours PRN</i>	
Laboratory		
	FK506 Level, Whole Blood (FK)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Hematology		
Incl	Complete Blood Count (CBC)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
	Complete Blood Count and Differential (CBCD)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl	INRPTT	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
General Chemistry		
Incl	Electrolytes, Serum, Plasma (LYTE)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	

Incl		Calcium,Serum,Plasma (CA)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Phosphate (PHO)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Urea (U)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Creatinine (CRE)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Magnesium,Serum,Plasma (MG)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Glucose,Random (GLUR)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Liver Function/Enzymes			
Incl		Bilirubin,Total (BILT)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
		Aspartate Aminotransferase (AST)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Alanine Aminotransferase (ALT)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Alkaline Phosphatase (ALP)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Incl		Albumin,Serum,Plasma (ALB)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 5 day</i>	
Allied Health			
Incl		Dietitian Referral	LHSC-UH
		<i>Routine, Other - See Referral Details, transplant patient</i>	
Legend:			
Incl		This orderable is prechecked but can be unchecked	
	Pers	This is a persistent note	
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		London Health Sciences - University Hospital	LHSC-UH

Table 3: Transplant Liver Pre-Operative

Resuscitation Status		
	Pers	Please ensure the resuscitation documentation is completed/reviewed (Note)
Diet		
Incl		NPO
		LHSC-UH
Activity		
Incl		Activity as Tolerated
		LHSC-UH
Vital Signs		
Incl		Vital Signs
		LHSC-UH
		<i>per protocol (Def)</i>
		<i>daily</i>
		<i>q1 hour.</i>
		<i>q12 hours.</i>
		<i>q2 hours.</i>
		<i>q3 hours.</i>
		<i>q30 days</i>
		<i>q30 minutes</i>
		<i>q4 hours.</i>
		<i>q6 hours.</i>
		<i>q8 hours.</i>
		<i>weekly</i>
Patient Care		
		Patient's consent for liver transplant must be documented. (Note)
Incl		Notify Provider
		<i>Once patient arrives on unit</i>
Incl		Saline Lock Insertion
		LHSC-UH
Incl		Antiembotic Stockings
		<i>If patient admitted from home, send stockings to OR</i>
Incl		Pneumatic Compression Device
		<i>If patient admitted from home, send stockings to OR</i>
Medications		
Incl		COMMON - Venous Thromboembolism (VTE) Prophylaxis (Module) (LHSC-UH, VC, PW, STEGH, TDMH)
		LHSC-UH
Incl		ceFAZolin
		LHSC-UH

		<i>2 g, injection, IV, on CALL, for: 2 dose</i>	
		<i>Comments - Send second dose into OR</i>	
Incl		metronIDAZOLE	LHSC-UH
		<i>500 mg, injection, IV, on CALL</i>	
		<i>Comments - Send to OR</i>	
Incl		methylPREDNISolone sodium succinate	LHSC-UH
		<i>500 mg, injection, IV, on CALL</i>	
		<i>Comments - Send to OR</i>	
		If patient has penicillin allergy, then order vancomycin. (Note)	
		vancomycin	LHSC-UH
		<i>1 g, injection, IV, on CALL, infuse over 60 min, for: 1 dose</i>	
		Hepatitis B Immune Globulin (HBIG) - Liver Transplant	LHSC-UH
Immunosuppression			
		basiliximab	LHSC-UH
		<i>20 mg, injection, IV, on CALL, infuse over 30 min</i>	
		<i>Comments - send to OR with patient</i>	
Laboratory			
		LAB - HLA Pre-Op - Liver Recipient (Module)	LHSC-UH
		Group and Screen (LHSC/SJHC)	LHSC-UH
		<i>Now, T;N, Blood</i>	
Hematology			
Incl		Complete Blood Count (CBC)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		INRPTT	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Fibrinogen, Plasma (FIB)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
General Chemistry			
Incl		Electrolytes,Serum,Plasma (LYTE)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Urea (U)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Creatinine (CRE)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	

Incl		Glucose,Random (GLUR)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Calcium,Serum,Plasma (CA)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Magnesium,Serum,Plasma (MG)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Liver Function/Enzymes			
Incl		Alanine Aminotransferase (ALT)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Albumin,Serum,Plasma (ALB)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Alkaline Phosphatase (ALP)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
		Aspartate Aminotransferase (AST)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Bilirubin,Direct (BILD)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Incl		Bilirubin>Total (BILT)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: ONCE</i>	
Blood Gases			
		Conditional If/Then	LHSC-UH
		<i>If O2 sats below 94%, Then order blood gas</i>	
Microbiology			
		Urinalysis (DIPU)	LHSC-UH
		<i>Now, T;N, Urine</i>	
Serology			
Incl		Cytomegalovirus IGG,Serum (CMVIGG)	LHSC-UH
		<i>Now, T;N, Blood</i>	
Incl		Epstein Barr Virus IgG,Serum (EBVIGG)	LHSC-UH
		<i>Now, T;N, Blood</i>	
Diagnostic Imaging			
Incl		Chest PA/Lat	LHSC-UH
Other Diagnostic Testing/Treatment			
Incl		ECG 12 Lead	LHSC-UH

		T;N	
Legend:			
Incl		This orderable is prechecked but can be unchecked	
	Pers	This is a persistent note	
	Req	This orderable is required and can NOT be unchecked	
		London Health Sciences - University Hospital	LHSC-UH

Table 4: Transplant Liver Post-Operative

Resuscitation Status			
	Pers	Please ensure the resuscitation documentation is completed/reviewed (Note)	
Diet			
Incl		NPO	LHSC-UH
Incl		Advance Diet as Tolerated	LHSC-UH
		<i>as per clinical pathway. Clear fluids POD#1, Regular diet POD#2</i>	
Activity			
Incl		Activity as Tolerated	LHSC-UH
		<i>early ambulation. Post extubation up in chair.</i>	
Vital Signs			
Incl		Vital Signs	LHSC-UH
		<i>q1 hour. 2 day (Def)</i>	
		<i>daily</i>	
		<i>q1 hour.</i>	
		<i>q12 hours.</i>	
		<i>q2 hours.</i>	
		<i>q3 hours.</i>	
		<i>q30 days</i>	
		<i>q30 minutes</i>	
		<i>q4 hours.</i>	
		<i>q6 hours.</i>	
		<i>q8 hours.</i>	
		<i>weekly</i>	
Incl		Vital Signs	LHSC-UH
		<i>q4 hours. 1 day</i>	
Incl		Vital Signs	LHSC-UH
		<i>q8 hours.</i>	
		Systolic Blood Pressure Target (mmHg)	LHSC-UH
Incl		Central Venous Pressure Target	LHSC-UH
		<i>8-12 mmHg</i>	
Patient Care			
Incl		Weight	LHSC-UH
		<i>daily.</i>	

Incl	Nasogastric/Orogastric Tube Insertion	LHSC-UH
	<i>Low Intermittent Suction</i>	
Incl	Intake and Output	LHSC-UH
	<i>q1 hour. 1 day</i>	
Incl	Intake and Output	LHSC-UH
	<i>q4 hours. 1 day</i>	
Incl	Intake and Output	LHSC-UH
	<i>q12 hours.</i>	
Incl	Surgical Drain to Collection Device	LHSC-UH
	<i>Blake drain</i>	
Incl	Discontinue Surgical Drain	LHSC-UH
	<i>Other., When: PostOp Day 4, Blake drain</i>	
Incl	Drain/Tube Care	LHSC-UH
	<i>Other., Malecot</i>	
	<i>Comments - Remove POD #3</i>	
	Discontinue Surgical Drain	LHSC-UH
	<i>Other., When: PostOp Day 3, Malecot drain</i>	
Incl	Do Not Remove Dressing - Reinforce Only	LHSC-UH
	<i>for 24 hours</i>	
Incl	Dressing Change	LHSC-UH
	<i>daily., POD #1</i>	
Incl	POC Blood Gas Plus	LHSC-UH
	<i>q6 hours. 24 hr</i>	
	<i>Comments - hemoglobin, lactate, electrolytes.</i>	
Incl	POC Blood Glucose	LHSC-UH
	<i>q6h 2 day</i>	
Incl	POC Blood Glucose	LHSC-UH
	<i>BID</i>	
Incl	Discontinue Urinary Catheter	LHSC-UH
	<i>POD#2</i>	
Incl	Midline Catheter Insertion	LHSC-UH
Continuous Infusions		
	BLOOD TRANSFUSION - Albumin 25% (Alb 25%) - Product Only	LHSC-UH
	BLOOD TRANSFUSION - Albumin 5% (Alb 5%) - Product Only	LHSC-UH

	BLOOD TRANSFUSION - Hepatitis B Immune Globulin (HBIG) - Liver Transplant - Product Only	LHSC-UH
	dextrose 5%-sodium chloride 0.45%	LHSC-UH
	<i>IV continuous, 100 mL/hr (Def)</i>	
	<i>IV continuous, 75 mL/hr</i>	
	<i>IV continuous, 125 mL/hr</i>	
	Hepatic prophylaxis: Order for INR less than 2 (Note)	
	heparin 25,000 units in 250 mL dextrose 5% premix	LHSC-UH
	dextrose 5% premix diluent	
	<i>IV continuous</i>	
	heparin - additive	
	<i>25,000 units, Every Bag, 100, unit/hr</i>	
	alprostadil 500 mcg in 100 mL dextrose 5%	LHSC-UH
	dextrose 5% in water infusion	
	<i>Titration Range: 0.1 - 0.5 mcg/kg/hr</i>	
	<i>Comments - Start 0.1 mcg/kg/hr and increase by 0.1 mcg/kg/hr to maximum 0.5 mcg/kg/hr; maintaining SBP greater than 90.</i>	
	alprostadil - additive	
	<i>500 mcg, 0.1, mcg/kg/hr</i>	
Medications		
Incl	COMMON - Venous Thromboembolism (VTE) Prophylaxis (Module) (LHSC-UH, VC, PW, STEGH, TDMH)	LHSC-UH
Incl	CRIT CARE - Electrolyte Replacement (Module)	Facility Flexing Not Defined
Incl	Communication Order	LHSC-UH
	<i>Do Not give Plasma, Platelets or Cryoprecipitate without discussing with the Liver Transplant Service.</i>	
Incl	nystatin	LHSC-UH
	<i>500,000 units, susp, SWISH+SWALLOW, q6 hours, for: 7 day</i>	
Incl	acetylsalicylic acid	LHSC-UH
	<i>81 mg, EC tab, ORAL, daily, Start: T+1;0800</i>	
	<i>Comments - Hold if platelets are less than 50</i>	
Incl	pantoprazole injection	LHSC-UH
	<i>40 mg, injection, IV, daily, infuse over 30 min</i>	
	HEPATITIS B PROTOCOL (Note)	
	tenofovir	LHSC-UH
	<i>300 mg, tab, ORAL, daily (Def)</i>	
	<i>300 mg, tab, ORAL, q72 hours</i>	
Antimicrobials		

Incl		cefTRIAxone	LHSC-UH
		<i>2 g, injection, IV, q24 hours, for: 48 hr</i>	
Incl		metronIDAZOLE	LHSC-UH
		<i>500 mg, injection, IV, q12 hours, for: 48 hr</i>	
Incl		fluconAZOLE	LHSC-UH
		<i>100 mg, tab, ORAL, daily, for: 7 day</i>	
		HIGH RISK recipients: Retransplant/More than 20 units PRBC during or including auto-transfusion/Renal failure with RRT/Fulminant hepatic failure/Previous fungal infection/Re-operation/Choledochojejunostomy/Choledochoduodenostomy/Early colonization of candida in peri-operative stage/MELD score above 30/Split, living donor/Early rejection/Mult-organ transplant (Note)	
		fluconAZOLE	LHSC-UH
		<i>400 mg, tab, ORAL, daily, for: 4 week</i>	
		<i>Comments - HIGH RISK recipients: Retransplant/More than 20 units PRBC during or including auto-transfusion/Renal failure with RRT/Fulminant hepatic failure/Previous fungal infection/Re-operation/Choledochojejunostomy/Choledochoduodenostomy/Early colonization of candida in peri-operative stage/MELD score above 30/Split, living donor/Early rejection/Mult-organ transplant</i>	
Immunosuppression			
		tacrolimus	LHSC-UH
		<i>1 mg, cap, ORAL, q12 hours, Start: T+1;N</i>	
		mycophenolate mofetil	LHSC-UH
		<i>250 mg, cap, ORAL, q12 hours, Start: T+1;N</i>	
		basiliximab	LHSC-UH
		<i>20 mg, injection, IV, ONCE, infuse over 30 min, Start: T+4;N</i>	
Corticosteroids			
Incl		TRANSPLANT - Liver Prednisone Taper (Module)	LHSC-UH
Antiviral Agents			
		CMV negative recipient/CMV positive donor/CMV positive recipient if receiving Thymoglobulin or Alemtuzumab (Note)	
		valGANCiclovir	LHSC-UH
		<i>900 mg, tab, ORAL, daily</i>	
		ganciclovir	LHSC-UH
		<i>5 mg/kg, injection, IV, q12 hours, infuse over 60 min</i>	
		<i>Comments - until negative test</i>	
Laboratory			
Incl		LAB - HLA Donor Specific Antibody IgG (Module)	LHSC-UH

Incl		FK506 Level,Whole Blood (FK)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
Hematology			
Incl		Complete Blood Count (CBC)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: q6 hours. 3 times</i>	
Incl		Complete Blood Count (CBC)	LHSC-UH
		<i>Routine, T+1;0300, Blood, Frequency: q12 hours. 2 times</i>	
Incl		Complete Blood Count (CBC)	LHSC-UH
		<i>AM Routine, T+2;0300, Blood, Frequency: daily. 6 day</i>	
		<i>Comments - then re-assess</i>	
Incl		INRPTT	LHSC-UH
		<i>Now, T;N, Blood, Frequency: q6 hours. 3 times</i>	
Incl		INRPTT	LHSC-UH
		<i>Routine, T+1;0300, Blood, Frequency: q12 hours. 2 times</i>	
Incl		INRPTT	LHSC-UH
		<i>AM Routine, T+2;0300, Blood, Frequency: daily. 6 day</i>	
		<i>Comments - then re-assess</i>	
Incl		Fibrinogen, Plasma (FIB)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: q6 hours. 3 times</i>	
Incl		Fibrinogen, Plasma (FIB)	LHSC-UH
		<i>Routine, T+1;0300, Blood, Frequency: q12 hours. 2 times</i>	
Incl		Fibrinogen, Plasma (FIB)	LHSC-UH
		<i>AM Routine, T+2;0300, Blood, Frequency: daily. 6 day</i>	
General Chemistry			
Incl		Electrolytes,Serum,Plasma (LYTE)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl		Electrolytes,Serum,Plasma (LYTE)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
		<i>Comments - then re-assess</i>	
Incl		Creatinine (CRE)	LHSC-UH
		<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl		Creatinine (CRE)	LHSC-UH
		<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
		<i>Comments - then re-assess</i>	

Incl	Urea (U)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Urea (U)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
Incl	Calcium,Serum,Plasma (CA)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Calcium,Serum,Plasma (CA)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Incl	Magnesium,Serum,Plasma (MG)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Magnesium,Serum,Plasma (MG)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Incl	Phosphate (PHO)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Phosphate (PHO)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
Incl	Glucose,Random (GLUR)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Glucose,Random (GLUR)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Incl	Lactate,Plasma (LACP)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Lactate,Plasma (LACP)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: q48 hours 2 times</i>	
Liver Function/Enzymes		
Incl	Bilirubin,Direct (BILD)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Bilirubin,Direct (BILD)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
Incl	Bilirubin,Total (BILT)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	

Incl	Bilirubin,Total (BILT)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
	Aspartate Aminotransferase (AST)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q6 hours. 3 times</i>	
	Aspartate Aminotransferase (AST)	LHSC-UH
	<i>Timed, T+1;0300, Blood, Frequency: q12 hours. 2 times</i>	
	Aspartate Aminotransferase (AST)	LHSC-UH
	<i>AM Routine, T+2;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Incl	Alanine Aminotransferase (ALT)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q6 hours. 3 times</i>	
	Alanine Aminotransferase (ALT)	LHSC-UH
	<i>Timed, T+1;0300, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Alanine Aminotransferase (ALT)	LHSC-UH
	<i>AM Routine, T+2;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Incl	Alkaline Phosphatase (ALP)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q6 hours. 3 times</i>	
	Alkaline Phosphatase (ALP)	LHSC-UH
	<i>Timed, T+1;0300, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Alkaline Phosphatase (ALP)	LHSC-UH
	<i>AM Routine, T+2;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Incl	Albumin,Serum,Plasma (ALB)	LHSC-UH
	<i>Now, T;N, Blood, Frequency: q12 hours. 2 times</i>	
Incl	Albumin,Serum,Plasma (ALB)	LHSC-UH
	<i>AM Routine, T+1;0300, Blood, Frequency: daily. 7 day</i>	
	<i>Comments - then re-assess</i>	
Other		
	Hepatitis B Surface Antigen (HpBsAg)	LHSC-UH
	<i>AM Routine, T+5;0300, Blood</i>	
	Hepatitis C RNA Quantitative - Viral Load (HpCRNAQ)	LHSC-UH
	<i>AM Routine, T+5;0300, Blood</i>	

		<i>Comments - Must fill in public health requisition that is available in the transplant unit.</i>	
		HIV Viral Load (HIVLOAD)	LHSC-UH
		<i>AM Routine, T+5;O300, Blood</i>	
Diagnostic Imaging			
Ultrasound			
Incl		US Liver Transplant	LHSC-UH
		<i>Routine, T+1;N</i>	
Consults			
		Standard Risk (Note)	
		Consult to Physician	LHSC-UH
		<i>Service: Infectious Disease-Day Team University, Reason: Liver transplant standard risk, Priority: ASAP (Provider must call), Action: Consult & Implement Orders</i>	
		Increased Risk Donor (Note)	
		Consult to Physician	LHSC-UH
		<i>Service: Infectious Disease-Day Team University, Reason: Increased Risk donor, liver transplant, Priority: ASAP (Provider must call), Action: Consult & Implement Orders</i>	
Allied Health			
Incl		Physiotherapy Referral	LHSC-UH
		<i>Routine, transplant patient</i>	
Incl		Social Work Referral	LHSC-UH
		<i>Other, Liver transplant</i>	
Legend:			
Incl		This orderable is prechecked but can be unchecked	
	Pers	This is a persistent note	
	Req	This orderable is required and can NOT be unchecked	
		London Health Sciences - University Hospital	LHSC-UH

Table 5: Transplant Liver Post-Operative Outpatient Labs

Laboratory			
		LAB - HLA Donor Specific Antibody IgG (Module)	LHSC-UH
Incl		Magnesium,Serum,Plasma (MG)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Incl		Glucose,Random (GLUR)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
		TSH (3rd Generation),Serum (TSH)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
		FK506 Level,Whole Blood (FK)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
		Sirolimus Level, Whole Blood (SIR)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
		Cyclosporine Level,Whole Blood (CYA)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
		Quantitative Cytomegalovirus (QCMV)	LHSC-UH
		<i>STAT T;N, Frequency: ONCE</i>	
		Hepatitis B Screen (HpBpanel)	LHSC-UH
		<i>STAT, T;N, Blood</i>	
		Hepatitis C RNA Quantitative - Viral Load (HpCRNAQ)	LHSC-UH
		<i>STAT, T;N, Blood</i>	
Hematology			
Incl		Complete Blood Count and Differential (CBCD)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Incl		INR - International Normalised Ratio	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
General Chemistry			
Incl		Electrolytes,Serum,Plasma (LYTE)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Incl		Creatinine (CRE)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Liver Function/Enzymes			
		Aspartate Aminotransferase (AST)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	

Incl		Alkaline Phosphatase (ALP)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Incl		Alanine Aminotransferase (ALT)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Incl		Bilirubin,Direct (BILD)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Incl		Bilirubin,Total (BILT)	LHSC-UH
		<i>STAT, T;N, Blood, Frequency: ONCE</i>	
Legend:			
Incl		This orderable is prechecked but can be unchecked	
	Pers	This is a persistent note	
	Req	This orderable is required and can NOT be unchecked	
		London Health Sciences - University Hospital	LHSC-UH