

Patient Name:

Unit No:

Date of Birth:

Brighton and Sussex  
University Hospitals  
NHS Trust



**Therapeutic Plasma Exchange (TPE)  
Prescription and Session Sheet**

Plasma Exchange for (circle one)...				
TTP/HUS	Vasculitis	Paraproteinaemia	Anti-GBM	Other
(specify).....				

<b>Pulmonary Haemorrhage?</b> - Yes / No	Planned No of Sessions:	5	7	10	Other:
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What solution to replace with:

For TTP/HUS use FFP alone (60ml/kg; max 4 litres)

Otherwise

Exchange with 50% volume of Human Albumin Solution (HAS) 4.5% and 50% volume of 0.9% saline plus 0-30ml of calcium gluconate 10% in 100mls of 0.9% Sodium Chloride infused throughout plasma exchange.

According to serum calcium:

Corrected serum calcium (mmol/l)	<2.2	2.2-2.4	2.4-2.6	>2.6
Give calcium gluconate (10%)	30ml	20ml	10ml	0ml

**UNLESS:**

- a) pulmonary haemorrhage;
- b) within 5 days of a renal biopsy;
- c) other active haemorrhage; or
- d) abnormal coagulation (INR or APTTR >1.4).

In these situations use HAS 4.5%, then FFP (15ml/kg) at the end of the exchange, plus calcium as above (total exchange volume 60ml/kg, max 4litres)

Plasma Exchange Prescription	Date: .....	Session No
Corrected Calcium:.....		
INR:.....		
Litres to exchange: 3.0 / 3.5 / 4.0 / other .....		
Exchange fluid type:		
Volume ..... Litres HAS 4.5% (+10% calcium gluconate IV centrally)		
Volume ..... ml FFP		
Volume ..... Litres other fluid (specify) .....		
Calcium Gluconate 10%: 0ml / 10ml / 20ml / 30ml / other		
Sign: ..... Print: ..... SpR/Consultant		

**Administration Record**

Affix relevant tags and sign for exchange fluids here

Calcium Gluconate 10%	Heparin
Lot no:.....	Bolus Lot no:.....
Saline lot no:.....	Infusion Lot no:.....
Sign.....	Sign.....
Sign.....	Sign.....