

GUIDE TO BLOOD FLOW AND SUBSTITUTION RATE

Calculation of Maximum Blood Flow:

Max blood flow = 6.4 mls/kg/min

Calculation of Substitution Rate:

Substitution rate = 35mls/kg

Note:

- Under certain circumstances the substitution rate may be increased to 100mls/kg. This is at the discretion of the prescribing consultant.
- Do not start the Substitution fluid and/or fluid loss programmes until the patient is safely established on the circuit.
- In practice the Substitution Rate will be rounded to the nearest 10mls.
- The Substitution Rate will be equal to Predilution plus Postdilution.
- The usual ratio is one third Predilution and two thirds Postdilution. Under certain circumstances this ratio may change. This should be discussed with the prescribing consultant.