

Abbreviations

ESRD: End-Stage Renal Disease

PD: Peritoneal Dialysis

HD: Hemodialysis.

ESRF: End-Stage Renal Failure

RC-AVF: Radiocephalic Arteriovenous Fistula

AVF: Arteriovenous Fistula

AVG: Arteriovenous Graft

IH: Intimal Hyperplasia

RBC: Red Blood Cells

WBC: White Blood Cells

HCT: Hematocrit

AR: Access Recirculation

Q_A : Access flow rate

Q_B : extracorporeal blood pump speed in ml/min

Q_S : Shunt blood flow rate

CPR: Cardiopulmonary Recirculation

Q_{SYS} : Systemic flow rate

BV: Blood Volume

BTM: blood temperature monitor

T_{ART} : Arterial temperature

T_{vein} : Vein temperature

TGM: Temperature Gradients Method

PCV: Packed Cell Volume

PV: plasma volume

VR: total volume of RBCs.

A: Absorbance

I: Intensity of transmitted light

I_0 : Intensity of incident light

T: Transmittance