Vasoconstriction of vessels in

feet restores cerebral perfusion

Effective Arterial Blood Volume (EABV)

EABV can be predicted by Urine [Na+]

Low EABV

↓ filtration of NaCl +

High EABV

↑ filtration of NaCl +

• The part of the intravascular volume (IV) that is in the aterieral system and effectively perfusing tissues (Usually 700ml/70kg in men)

Compensation: ↓ RAAS, ↑

tubular Na+ reabsorption

- A indirect reflection of the pressure perfusing the kidneys
- Stretch –sensitive baroreceptors on the carotid sinuses and glomerular afferent arterioles sense this arterial pressure

