

Capillary Fluid Exchange



PLAY PICMONIC

Capillary Hydrostatic Pressure

[Caterpillar Hydra-static Pressure-cooker Pushing Out](#)

Capillary hydrostatic pressure pushes fluid out of the capillary. It is formulated as P_c in the Starling equation and can be high in edema of heart failure.

Interstitial Hydrostatic Pressure

[Interstate Hydra-static Pressure-cooker Pushing In](#)

Interstitial hydrostatic pressure pushes fluid into the capillary. It is formulated as P_i in the Starling equation.

Plasma Oncotic Pressure

[Plasma-TV Water Pressure-cooker Pulling In](#)

Plasma oncotic pressure pulls fluid into the capillary. It is formulated as π_c in the Starling equation and can be high in edema of lymphatic blockage.

Interstitial Fluid Oncotic Pressure

[Interstate Water Pressure-cooker Pulling Out](#)

Interstitial fluid oncotic pressure pulls fluid out of the capillary. It is formulated as π_i in the Starling equation and can be low in edema due to liver failure, nephrotic syndrome, and protein malnutrition.
