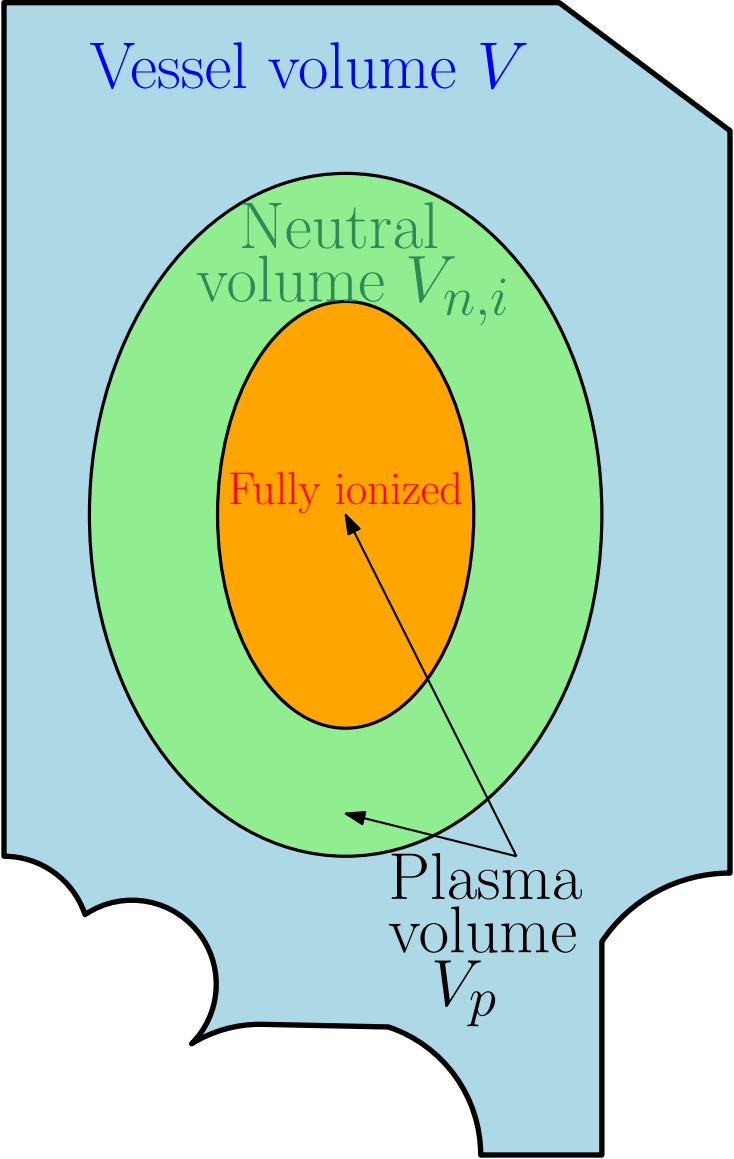


Vessel volume V

Neutral
volume $V_{n,i}$

Fully ionized

Plasma
volume
 V_p



The diagram illustrates the relationship between different states of matter within a vessel. It features three nested regions: an outer light blue region representing the total vessel volume V , a middle light green region representing the neutral volume $V_{n,i}$, and an inner orange region representing the fully ionized plasma volume V_p . The text 'Fully ionized' is placed inside the orange region, and an arrow points from this text to the orange region. Another arrow points from the text 'Plasma volume V_p ' to the orange region. A third arrow points from the text 'Neutral volume $V_{n,i}$ ' to the green region. The text 'Vessel volume V ' is located in the blue region.