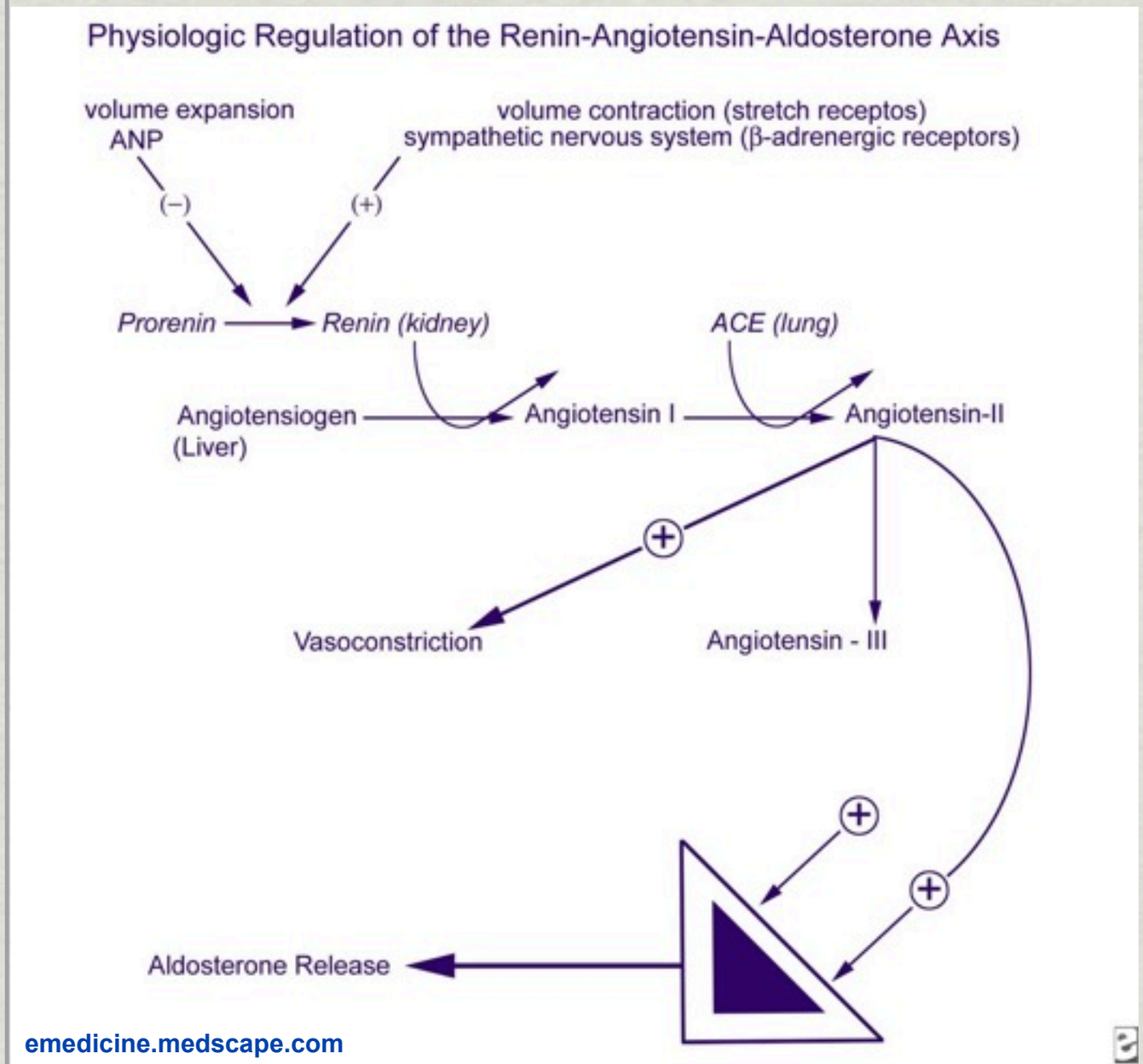
RAA synthesis



- When renin is released into the blood it acts upon a circulating substrate angiotensinogen, a proenzyme produced in the liver that undergoes proteolytic cleavage to form angiotensin I, a decapeptide, which is then converted into an octapeptide, angiotensin II by angiotensin-converting enzyme (ACE) formed in the vascular endothelium particular in the lungs. Many other tissues in the body (heart, brain, vascular) can also form AII.
- Angiotensin II is metabolized to angiotensin III, a heptapeptide which is also a stimulator (as Angiotensin II) of aldosterone secretion.

http://cvphysiology.com/Blood%20Pressure/BP015.htm