# PS 150

# Phosphatidylserine - the brain revitalizing nutrient\*

PS 150 features 150 mg of non-soy, sunflower-sourced phosphatidylserine (PS) per capsule. Phosphatidylserine is a nutrient that is essential for supporting optimal brain function.\* There are no foods rich in phosphatidylserine; therefore, supplementation is the only way to support healthy levels of this valuable brain nutrient. Our bodies can make phosphatidylserine, but in far from ideal quantities; also, natural production of PS decreases as we age.

## PS helps support normal mental function

You form memories when brain cells called neurons communicate with each other. Together, neurons create a memory of an event, such as where you left your keys, where you put the remote control, or where you parked the car. In order for memories to be formed and recalled, neurons must be able to talk to each other. PS allows neurons to communicate effectively; without it, such communication among neurons may not be optimal.

As we age, most of us lose some of our memory function. Brain function is at its peak in our 20s, and then naturally declines throughout the rest of our lives. In our 40s we often begin to notice subtle changes in cognition and memory. This decline may be caused by the depletion of nutrients that help maintain the integrity of the membrane of brain cells, which is the cell's protective outer layer. Phosphatidylserine works by rejuvenating and strengthening this membrane, which helps support brain function and may help with absent-mindedness that can result from the normal aging process.\*

### **PS and hormone function**

Cortisol, the "fight or flight" hormone, is released in high amounts in response to stressful situations, whether they are physical, mental or emotional. Phosphatidylserine promotes healthy hormone levels by helping to normalize cortisol levels when the body is under stress.\*

PS also supports normal testosterone levels. During intense exercise (where cortisol levels naturally rise), the testosteroneto- cortisol ratio tends to fluctuate because high cortisol levels impair the production of testosterone. Thus, PS supplementation helps to promote a healthy hormonal balance for those engaging in rigorous exercise. It is important to note that not all levels of exercise increase cortisol levels, as mild to moderate exercise programs are touted for their stress-reducing effects.\*

#### **Recommended Use:**

- Take one capsule per day, or as directed by your health care practitioner.
- As with any brain-energizing nutrient, phosphatidylserine is best avoided near bedtime as it may interfere with falling asleep.



Consult with your healthcare practitioner about your specific circumstances and any questions you may have.

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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