Vitamins for Thought Michael Vaughn, MD

Get Moving ASAP!					
			Boxing		
Aerobic Exercise is the only thing known to halt the progression of PD		Bicycling			
		Aerobic			
		HIIT			
Medicine					
Abstract- PubMed (nih.gov)					
A database that has over 40 million medical articles, And thousands of articles about PD. Read abstracts – you can look up what the words mean!					
Please talk to your primary care doctor before taking					
Morning					
Vitamin	Why	Amount	C' 1		
		Amount	Site		
Vitamin D3	44% of the population in the USA is vitamin D3 deficient. Vitamin D is the MOST needed vitamin for everyone even those without PD. Before taking, get your levels check next time you are at your primary care doctor (Levels should be 70 or above).	500 – 1000 iu, once a day	Anywhere		
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Vitamin D3 L-Tyrosine	44% of the population in the USA is vitamin D3 deficient. Vitamin D is the MOST needed vitamin for everyone even those without PD. Before taking, get your levels check next time you are at your primary care doctor (Levels should be 70 or above). L-Tyrosine is the precursor of Dopamine and is very important to the production of Dopamine Take as needed for stress or anxiety. Helpful for stress	500 – 1000 iu, once a day 1000mg, once a day 200 mg take as	Anywhere Anywhere		

Fish Oil *Omega 3 Fatty Acids	Fish Oil prevents heart disease, helps with joint pain, supplies the brain with nutrients building blocks	600 mg – DHA 300MG- EPA, once a day	Anywhere	
Vitamin C	Vitamin C (ascorbic acid) deficiency is known to affect brain function and is associated with PD	1000 mg, once a day	Anywhere	
	Once A Day			
Niacin	Shown to decrease the rate or even better stop the progression of PD. May cause flushing- just ignore it	Time Release Niacin 250mg once per day	Solaray.com	
Night				
Melatonin	Conclusions: In this review, biological and chemical knowledge of melatonin, its experimental effects, and the clinical impact on patients with neurological disorders were described. According to all of the beneficial results obtained from experimental and clinical trials, melatonin may have a prophylactic and therapeutic effect on neurological diseases. Strong collaboration between neurologists and health service policy makers is needed to encourage use of melatonin in the patients suffering from neurological diseases. Melatonin may be the solution we have been looking for.	10mg to 40mg once a day. Take 30 mins before bed to help with sleep	LEF.org	

Abstract- PubMed (nih.gov)

Niacin	An average of 9 ± 6-point improvement in the Unified Parkinson's Disease Rating Scale (UPDRS) III (motor) score was observed after 12 months of daily niacin compared to the expected decline in score (effect size = 0.78, 95% CI = 7-11). Additionally, secondary outcome measures improved.
Melatonin	Melatonin is a neuroregulatory hormone that has free radical scavenger, strong antioxidant, anti-inflammatory, and immunosuppressive actions. These major properties of melatonin can play an important role in the pathophysiological mechanisms of neurological diseases. In addition, melatonin is necessary for circadian rhythm. Studies have shown that melatonin levels are low in people with neurological diseases. Both preventive and therapeutic effects of melatonin are known for many diseases, including neurological diseases (e.g., Alzheimer's disease, Parkinson's disease, multiple sclerosis, amyotrophic lateral sclerosis, Huntington's disease, epilepsy, headache, etc.).