



WORKWIZE

SMART HYDRATION

*The only electrolyte drink
specially formulated to fight fatigue*



Hydration & Fatigue PPE

PRODUCT CATALOGUE 2024



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PRODUCT CATALOGUE 2024

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ENDUR AID

NOOTROPIC + ELECTROLYTE



HYDRATION + FATIGUE DEFENCE

EndurAID is the ONLY Electrolyte drink specially formulated to Fight Fatigue and keep you safe on site.

EndurAID is unique blend of Electrolytes, Vitamins, and Nootropic Amino's that Rehydrate AND Refuel.

The Nootropic blend in EndurAID refuels the neurotransmitters your brain uses to fight fatigue as the electrolyte blend replaces what the sweat takes out.



1 As certain Neurotransmitter levels drop, so do your eyelids. Enduraid stops that.



2 Amino acids make Neurotransmitters. So we made sure to pack our drink with them.



3 Work can be tough. Your brain can lose up to 40% of those aminos during an average work day.



4 Stay safe. Refuel your brain. Fight fatigue with enduraid.



Hi Viz Orange



Berry Safe



Lockout Lime



PPE Pineapple



BUILT FOR SAFETY



TRADE QUALITY



MADE IN AUSTRALIA



99% SUGAR FREE, ZERO CAFFEINE, GLUTEN FREE



ALL NATURAL



REHYDRATES & FIGHTS FATIGUE



ENDUR AID

NOOTROPIC + ELECTROLYTE

EndurAID MIXED FLAVOUR PACK



45 SERVINGS

DESCRIPTION

Each EndurAID mixed flavour sachet pouch contains 45 great tasting single serve sachets, ready to mix with water and help you work smarter. Sachets are a convenient, portion controlled way to distribute to your work crew or keep in your pocket to have on the go. Enjoy the range of 4 great tasting flavours:

- PPE Pineapple
- Hi Viz Orange
- Lockout Lime
- Berry Safe



SKU	Description	Units
AID-S45M	WorkWize EndurAID Nootropic Electrolyte - 45 x 5.1 g Mixed Flavour Powder Concentrate	10 pouches per carton

EndurAID 10 PACK - BERRY SAFE



10 SERVINGS

DESCRIPTION

The EndurAID travel pouch is designed for short jobs or to fit in a small work bag.

Each Berry Safe EndurAID travel pouch contains 10 great tasting Berry Safe single serve sachets, ready to mix with water and help you work smarter. Sachets are a convenient, portion controlled way to distribute to your work crew or keep in your pocket to have on the go.

Stay Berry Safe onsite...



SKU	Description	Units
AID-S10B	WorkWize EndurAID Nootropic Electrolyte - 10 x 4.9 g Berry Safe Powder Concentrate	10 pouches per carton

ENDUR AID

NOOTROPIC + ELECTROLYTE

EndurAID 10 PACK - PPE PINEAPPLE



45 SERVINGS

DESCRIPTION

The EndurAID travel pouch is designed for short jobs or to fit in a small work bag.

Each PPE Pineapple EndurAID travel pouch contains 10 great tasting PPE Pineapple single serve sachets, ready to mix with water and help you work smarter. Sachets are a convenient, portion controlled way to distribute to your work crew or keep in your pocket to have on the go.

Don't forget your PPE...



SKU	Description	Units
AID-S10P	WorkWize EndurAID Nootropic Electrolyte - 10 x 5.1 g PPE Pineapple Powder Concentrate	10 pouches per carton

EndurAID 10 PACK - LOCKOUT LIME



10 SERVINGS

DESCRIPTION

The EndurAID travel pouch is designed for short jobs or to fit in a small work bag.

Each Lockout Lime EndurAID travel pouch contains 10 great tasting Lockout Lime single serve sachets, ready to mix with water and help you work smarter. Sachets are a convenient, portion controlled way to distribute to your work crew or keep in your pocket to have on the go.

Lockout fatigue onsite today...



SKU	Description	Units
AID-S10L	WorkWize EndurAID Nootropic Electrolyte - 10x 5.2 g Lockout Lime Powder Concentrate	10 pouches per carton

ENDUR AID

NOOTROPIC + ELECTROLYTE

EndurAID 10 PACK - HI VIZ ORANGE



10 SERVINGS

DESCRIPTION

The EndurAID travel pouch is designed for short jobs or to fit in a small work bag.

Each Hi Viz Orange EndurAID travel pouch contains 10 great tasting Hi Viz Orange single serve sachets, ready to mix with water and help you work smarter. Sachets are a convenient, portion controlled way to distribute to your work crew or keep in your pocket to have on the go.

Stay safe with Hi-Viz...



SKU	Description	Units
AID-S100	WorkWize EndurAID Nootropic Electrolyte - 10 x 5.2 g Hi Viz Orange Powder Concentrate	10 pouches per carton

EndurAID 155 g TUB - BERRY SAFE



31 SERVINGS

DESCRIPTION

The WorkWize EndurAID tub is designed to help the environment with less packaging, as well as being the most cost effective EndurAID option.

Each Berry Safe EndurAID tub contains 31 servings ready to mix with water and help you work smarter.

Stay Berry Safe onsite...



SKU	Description	Units
AID-T155B	WorkWize EndurAID Nootropic Electrolyte - 155 g Berry Safe Powder Concentrate	10 tubs per carton

ENDURaid

NOOTROPIC + ELECTROLYTE

EndurAID 155 g TUB - PPE PINEAPPLE



30 SERVINGS

DESCRIPTION

The WorkWise EndurAID tub is designed to help the environment with less packaging, as well as being the most cost effective EndurAID option.

Each PPE Pineapple EndurAID tub contains 30 servings ready to mix with water and help you work smarter.

Dont forget your PPE...



SKU	Description	Units
AID-T155P	WorkWise EndurAID Nootropic Electrolyte - 155 g PPE Pineapple Powder Concentrate	10 tubs per carton

EndurAID 155 g TUB - LOCKOUT LIME



30 SERVINGS

DESCRIPTION

The WorkWise EndurAID tub is designed to help the environment with less packaging, as well as being the most cost effective EndurAID option.

Each Lockout Lime EndurAID tub contains 30 servings ready to mix with water and help you work smarter.

Lockout fatigue today.



SKU	Description	Units
AID-T155L	WorkWise EndurAID Nootropic Electrolyte - 155 g Lockout Lime Powder Concentrate	10 tubs per carton

ENDUR AID

NOOTROPIC + ELECTROLYTE

EndurAID 155 g TUB - HI VIZ



30 SERVINGS

DESCRIPTION

The WorkWize EndurAID tub is designed to help the environment with less packaging, as well as being the most cost effective EndurAID option.

Each Hi-Viz Orange EndurAID tub contains 30 servings ready to mix with water and help you work smarter.

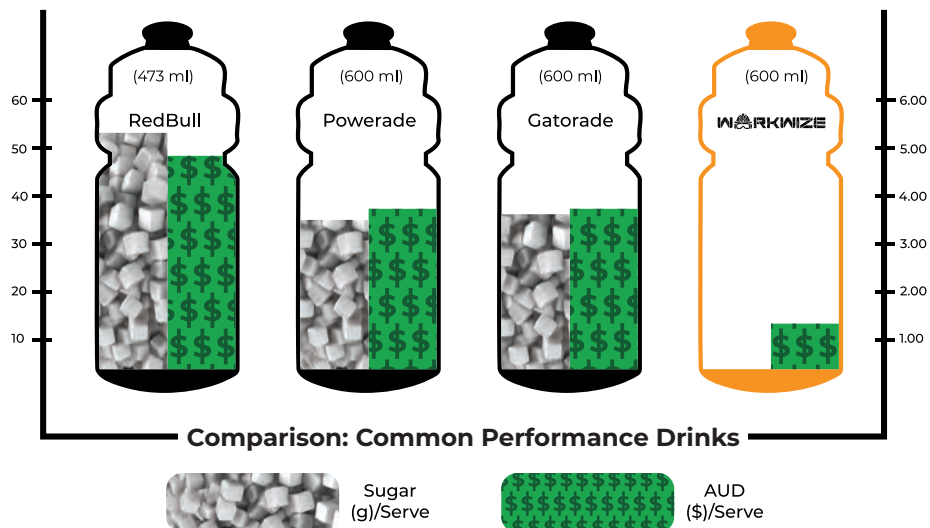
Stay safe with Hi-Viz...



SKU	Description	Units
AID-T1550	WorkWize EndurAID Nootropic Electrolyte - 155 g Hi Viz Orange Powder Concentrate	10 tubs per carton


DID YOU KNOW?

WorkWize drinks, unlike many competitors, contain zero sugar, offering a healthier hydration option for tradespeople?



ENDURAMAX

NOOTROPIC + ELECTROLYTE + ADAPTOGEN

 Pineapple
 Strawberry



SUSTAINED ENERGY! NO CRASH! NO SWEAT!

Think of EnduraMAX as the healthy alternative to an energy drink. It is designed to synergistically work with the body to create long lasting energy, without the sugar and caffeine crash.

EnduraMAX packs a powerful blend of Electrolytes, Vitamins, Nootropics, Adaptogens, and natural, slow burning caffeine sources.

Formulated to power you through long days both on and off site.

1



FATIGUE

As certain Neurotransmitter levels drop, so do your eyelids. EnduraMAX stops that.

2



AMINO ACIDS

Amino acids make Neurotransmitters. So we made sure to pack our drink with them.

3



ADAPTOGENS

Adaptogens help the body deal with stress and can work synergistically with certain amino acids to boost mental energy.

4



NO CRASH

Full spectrum all natural caffeine sources generate sustained energy, without the crash.

ENDURAMAX

NOOTROPIC + ELECTROLYTE + ADAPTOGEN

EnduraMAX 300 g TUB - STRAWBERRY



33 SERVINGS

DESCRIPTION

Each Strawberry EnduraMAX is an all in one energy and hydration supplement designed to increase energy levels both long and short term.

It packs a huge 10 g per serving stack of Nootropics, electrolytes, vitamins Nootropics, adaptogens blended with a crafted array of natural energy boosters to help you kill it both on and off site.



SKU	Description	Units
MAX-T300S	WorkWize EnduraMAX Nootropic Electrolyte Adaptogen - 300 g Strawberry Powder Concentrate	10 tubs per carton

EnduraMAX 300 g TUB - PINEAPPLE



33 SERVINGS

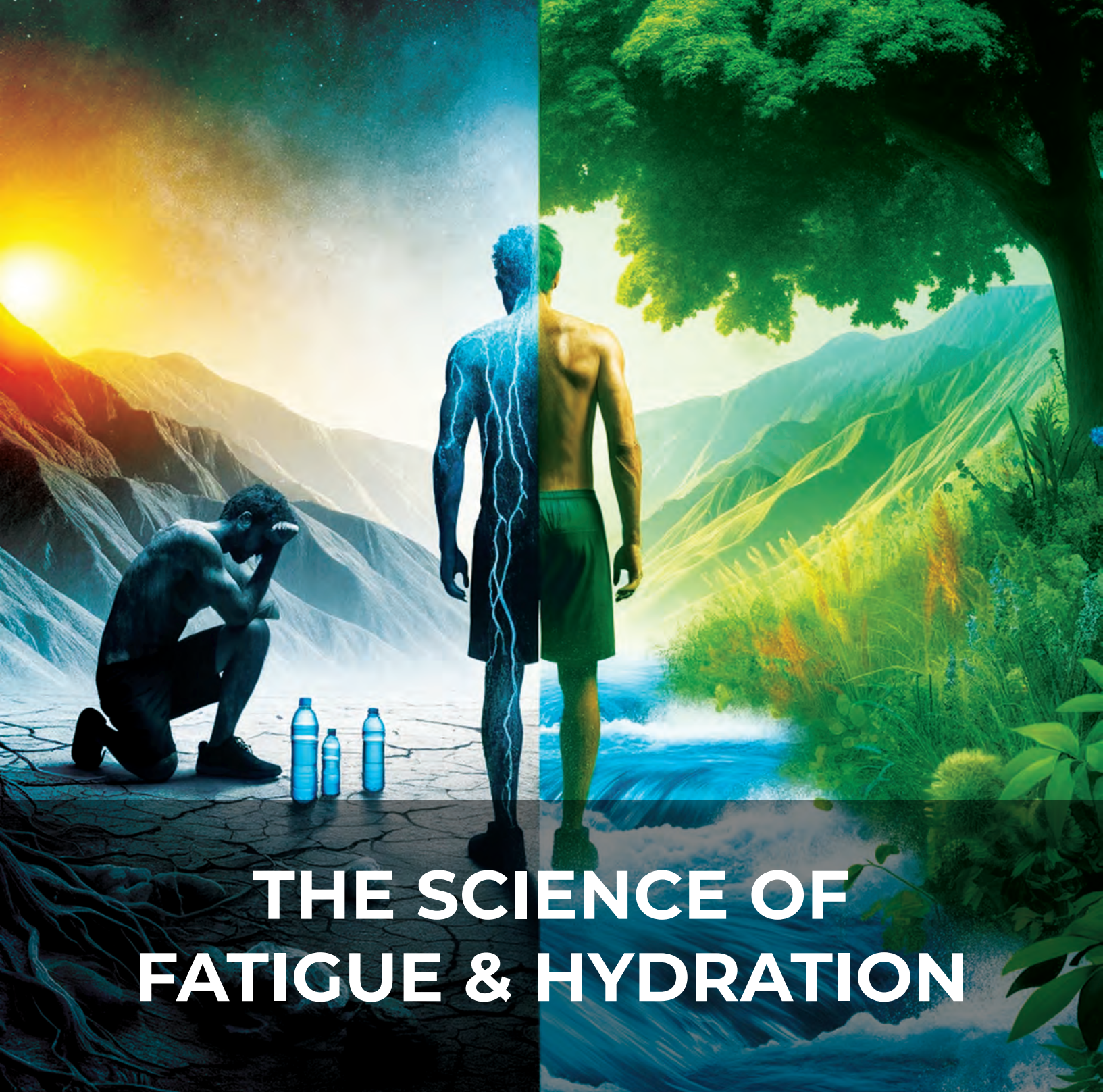
DESCRIPTION

Each Pineapple EnduraMAX is an all in one energy and hydration supplement designed to increase energy levels both long and short term.

It packs a huge 10 g per serving stack of Nootropics, electrolytes, vitamins Nootropics, adaptogens blended with a crafted array of natural energy boosters to help you kill it both on and off site.



SKU	Description	Units
MAX-T300P	WorkWize EnduraMAX Nootropic Electrolyte Adaptogen - 300 g Pineapple Powder Concentrate	10 tubs per carton



THE SCIENCE OF FATIGUE & HYDRATION

WORKWIZE
SMART HYDRATION

*The only electrolyte drink
specially formulated to fight fatigue*

THE SCIENCE OF HYDRATION

The human body is composed of up to 75 % water. According to H.H. Mitchell, Journal of Biological Chemistry 158, the brain and heart are made from up to 73% water, skin contains 64% water, muscles and kidneys are 79%, and even the bones are watery containing nearly 31% water.

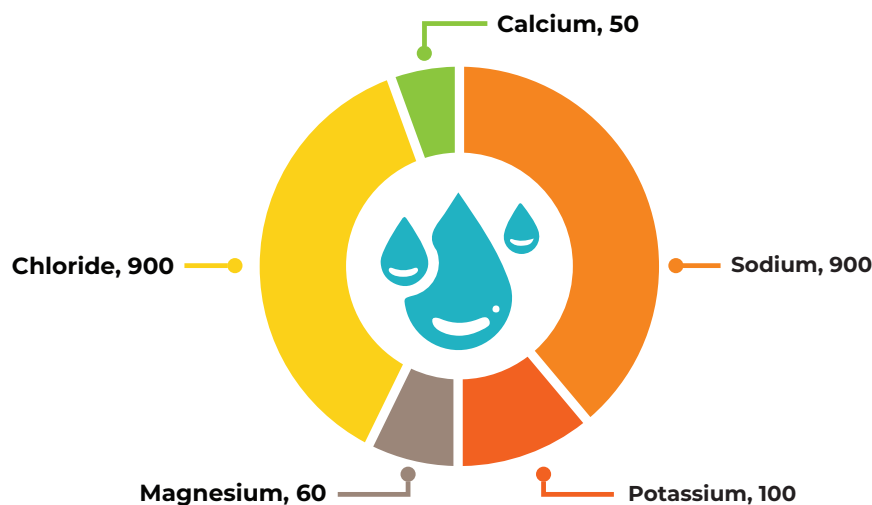
Water is used for an amazing array of vital function inside the human body;

- As a fluid to transport nutrients around the body and into cells
- It regulates body temperature
- It flushes waste from the body
- Lubricates joints
- Acts as a shock absorber for brain, spinal cord and other joints

As most people are familiar you sweat as you exercise or do manual work. As you sweat you lose water and electrolytes, up to 2.5 L/hour. If you don't replace these fluids you become dehydrated. Dehydration can pose serious risks to health and safety both onsite and offsite.

At 2 % dehydration you can begin to feel irritated and have higher perceived effort for simple tasks. At 3 % dehydration your reaction time becomes impaired equivalent to someone with a BAC of 0.08%. Dehydration levels greater than 5% can cause fatigue and dizziness while dehydration greater than 15% can even cause death.

Typical Electrolyte Levels in Sweat (mg/L)

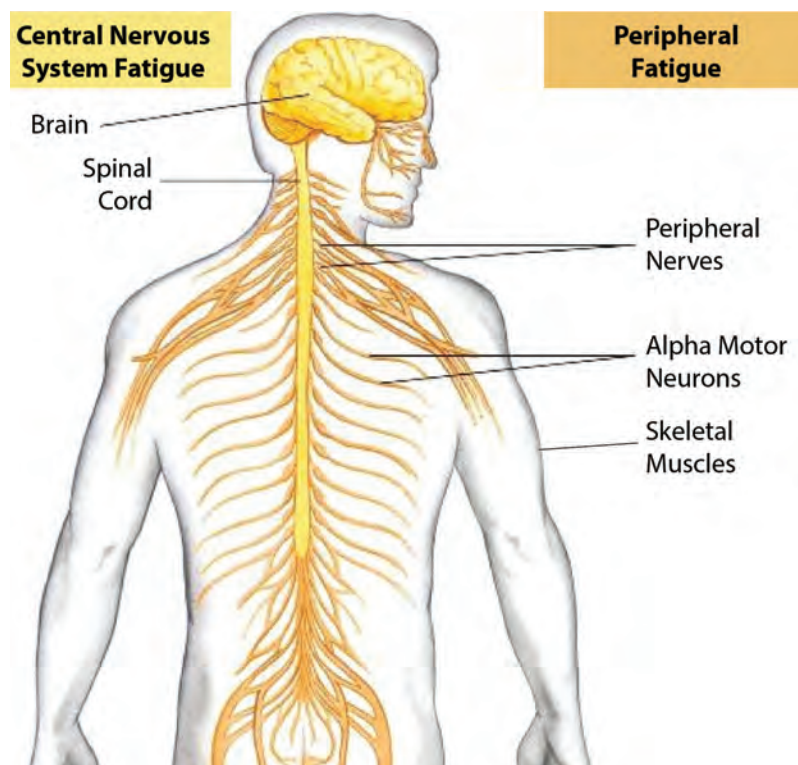


Electrolytes are vital for nerve function, cellular osmosis and a variety of other functions. Not only do electrolytes need to be replaced to maintain proper bodily functions, their presence in fluid also aids in the absorption and retention of fluids. The gut is designed to absorb sugars, salts and proteins alongside water. The presence of electrolytes or amino acids in the fluid can significantly increase the absorption of water.

THE SCIENCE OF FATIGUE

Fatigue is a complex combination of processes in the body brought about through varying activities. Fatigue is typically dissected into two general categories; peripheral and central. Peripheral fatigue is more localised and muscular-skeletal in nature. It is brought on by the culmination of a workload in excess than the body is accustomed to and results in localised tiredness of the muscle group in question and a need to recover physically for a short period, for example needing to have a quick break and stretch after running or carrying a heavy load. The muscles are depleted of energy sources (glycogen and ATP), have lactic acidification and need time to flush the region with fresh blood.

Central fatigue or Central Nervous System (CNS) fatigue is more general in its effects and operates on a longer time scale. Central fatigue as the name suggests, has its mechanism based in the neurochemistry of your brain, it can therefore affect your entire body. A fatigued CNS means you may have trouble activating your muscles or even concentrating. In this way, even if your muscles are up to the task of producing force, the CNS cannot produce the signals required to give them the proper instructions. This manifests itself as decreased ability to motivate yourself, to work physically and even to concentrate.



CAUSES OF FATIGUE

MEDICAL

Sometimes fatigue may be a sign of an underlying illness such as thyroid disorder, heart disease, diabetes or mental health challenges.

LIFESTYLE

Fatigue can also be caused by lifestyle-related causes including drugs, alcohol, diet, lack of regular exercise, and lack of quality sleep.

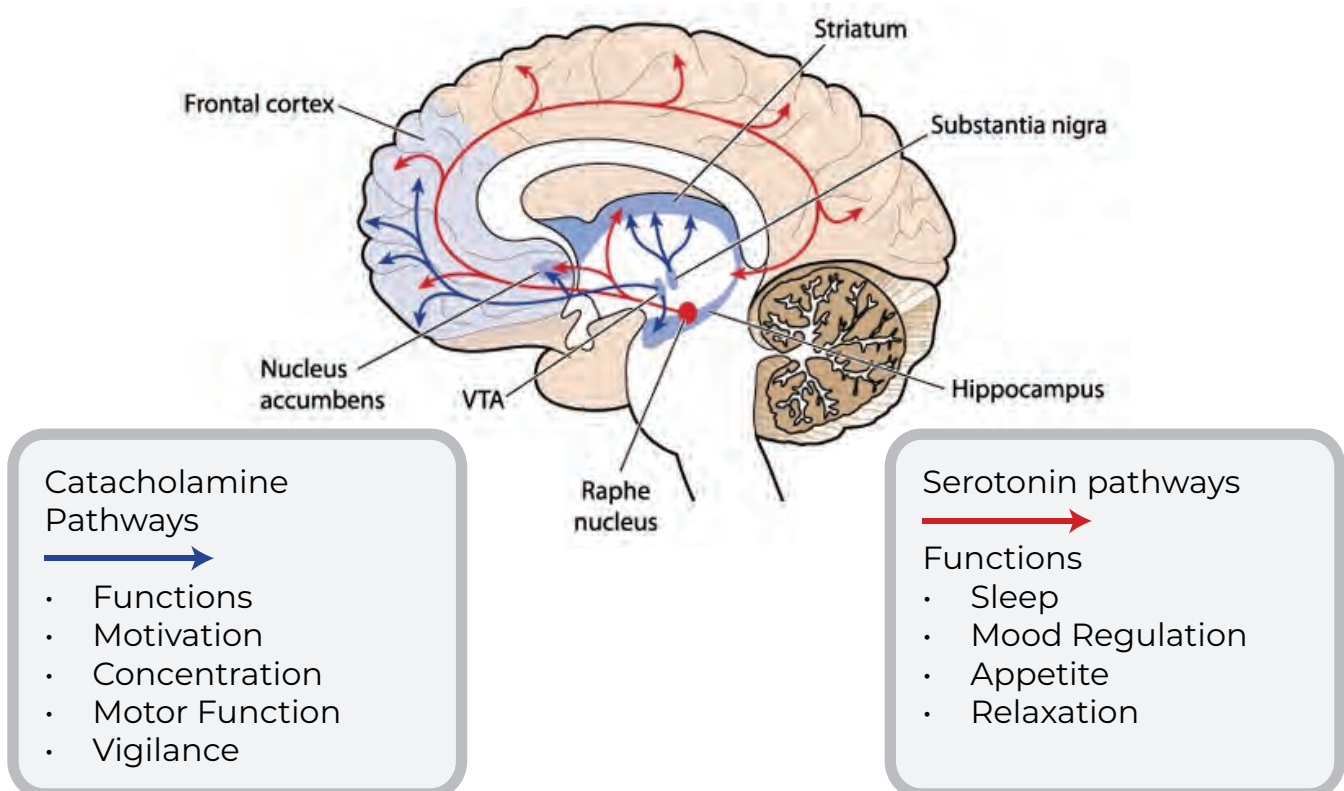
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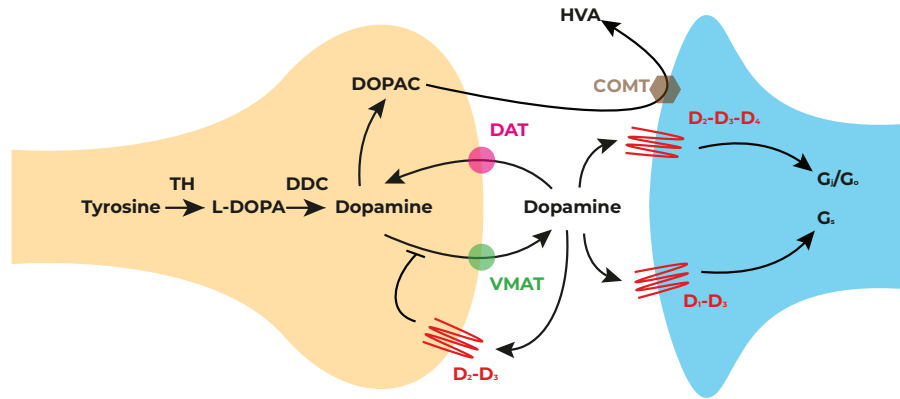
Fatigue is often the result of things happening at work including long hours, intense physical labour, hot working conditions, irregular hours or shift work, and poor hydration or vitamin replacement.

Research has shown that the dominant synaptic pathways that contribute to CNS fatigue are the catecholaminergic and serotonergic pathways. Serotonin is a vital neurotransmitter which is responsible for relaxation, mood regulation and appetite. When serotonin levels increase you may feel sleepy. The catecholamine neurotransmitters; dopamine, adrenaline and noradrenaline are used to drive feelings of motivation, alertness and concentration. These catecholamines are vital for normal active functioning and concentration. When they are depleted you feel tired, un-motivated and have trouble concentrating. It is this catecholamine depletion relative to the level of serotonin, that is the dominant biochemical marker of central fatigue.

These neurotransmitters are produced in the brain from precursor nutrients. The precursor nutrient to the catecholamines are tyrosine and phenylalanine. These precursor nutrients originate in complex proteins and are broken down in the gut and absorbed into the blood. They are then absorbed from the blood through a highly selective semi permeable membrane in the brain called the 'Blood Brain Barrier' (BBB). The absorption rate of these nutrients and therefore the maximal production rate of the relevant neurotransmitter within the brain is dependent on the supply of the precursor nutrients to the brain from the blood. After working or exercising the body begins to run low on these vital nutrients and the corresponding level of neurotransmitter also begins to run low.

Regardless of the cause – whether within or outside your control the consequences often manifest themselves in the workplace. And they can be serious.



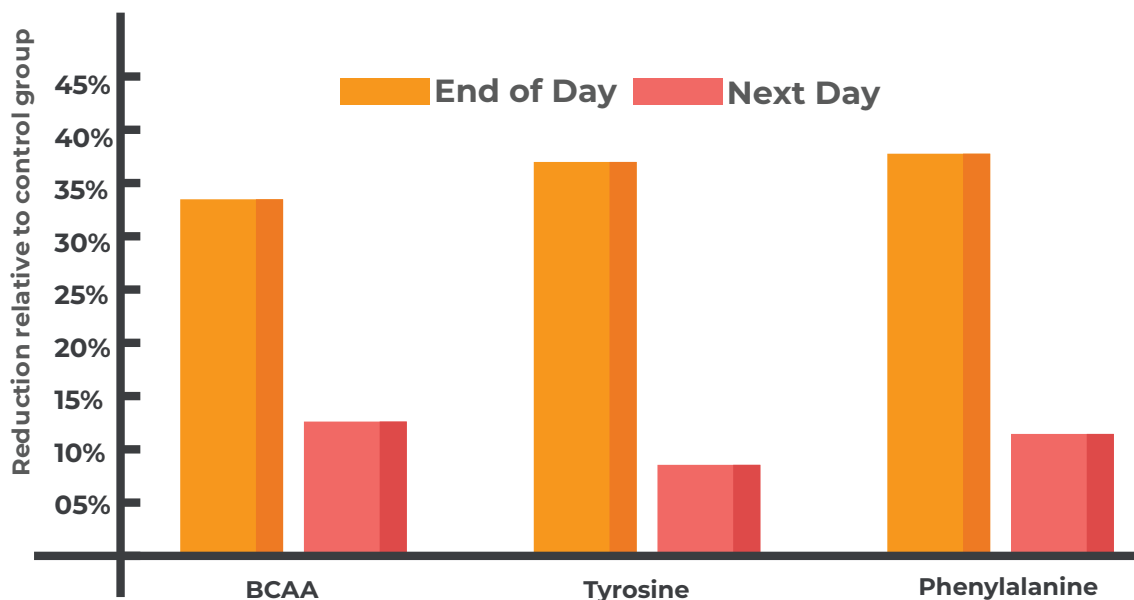


Dopamine natural transmission process in brain. Tyrosine is converted to dopamine (hydroxylase) in the neuron which is used to communicate with neighbouring synapse.

You Lose More Than Just Sweat When You Work

Working, exercising and just being awake depletes the body of nutrients it needs to operate. The brain uses specific precursor nutrients to remain motivated, alert and fight fatigue. The levels of the precursor nutrients (tyrosine, phenylalanine) for the catecholamine neurotransmitters (dopamine, noradrenalin) and others can stay depleted even after eating and sleeping during periods of accumulated fatigue. Research conducted into the effects of mental fatigue on serum amino acids has shown that an 8 hour simulated office workday can deplete the catecholamine amino acids by up to 40% relative to baseline (Tanaka, et al., 2007). The reduction of these levels can persist into the next day even after adequate food and sleep.

Serum Amino Acid Level Reducton Due To 8 Hr Workday



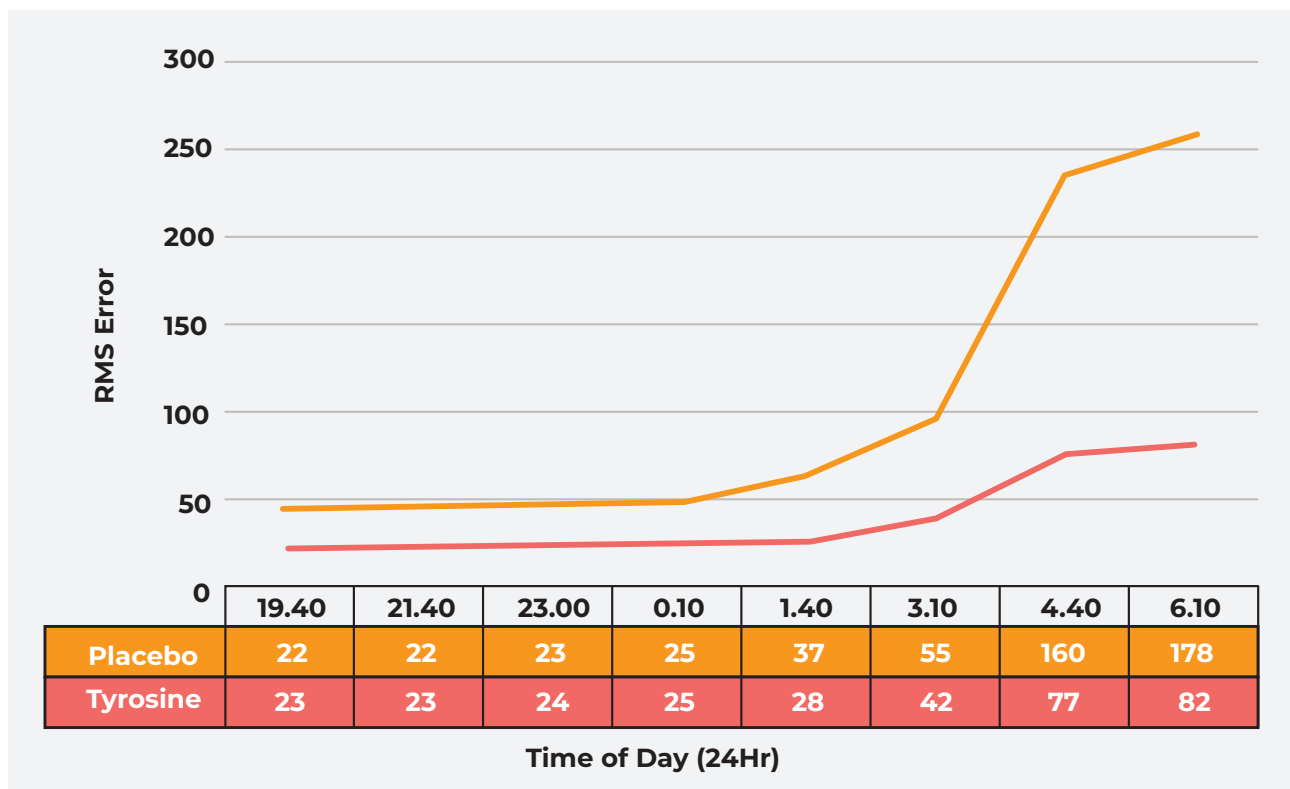
Data taken from (Tanaka, et al.,2007). Reduction in amino acid levels are nearly 40% relative to control from only 1 days work, and still 10% lower the next day.

Tanaka, M., Mizuno, K. & Nozaki, S., 2007. Mental fatigue-induced decrease in levels of several plasma amino acids. *Journal of Neural Transmission*, Volume 114, pp. 555-567.

SUPPLEMENTATION TO COMBAT FATIGUE

Just as electrolytes lost due to sweat can be replaced by sports drinks, the amino acids (neurotransmitter precursors) lost while working can be replaced in a drink now too. Supplementation has proven very effective in fighting the onset of the effects of fatigue. In a study of military personnel exposed to the effects of sleep deprivation, a group was given either a tyrosine supplement or a placebo (Wiegmann & Shappell, 1993). The volunteers were exposed to a simulated aircraft environment (noise and lighting) and required to operate a simulated targeting exercise during a period of extended wakefulness. The level of error associated with the airmen's ability to track a target onscreen was tested at various times during the evening. The group given the tyrosine supplement had significantly reduced tracking error, the tyrosine group also responded with lower subjective sleepiness scores (indicating they felt less tired). The plot shown indicated the comparison of the tracking error between the placebo and the tyrosine group during the overnight testing.

Visual Tracking Error During Sleep Deprivation



Plot showing the tracking error results vs. time of day during the overnight study. The tyrosine group had a level of maximum tracking error nearly 50 % less than the placebo group.

Wiegmann, D. & Shappell, S., 1993. Behavioral Effects of Tyrosine during Sustained Wakefulness, Florida: Naval Aerospace MEDical Research Laboratory.

HYDRATION AT WORK: A COMPARATIVE LOOK

FEATURE	SPORT DRINKS	ENERGY DRINKS	INDUSTRIAL ELECTROLYTES	ENDURAIID NOOTROPIC + ELECTROLYTE
NOOTROPICS	✗	✗	✗	✓
HYDRATING	✗	✗	✓	✓
RESTORES ELECTROLYTES	✓	✗	✓	✓
CAFFEINE FREE	✗	✗	✓	✓
SUGAR FREE	✓	✗	✓	✓
NATURAL COLOURS & FLAVOURS	✗	✗	✗	✓
FATIGUE DEFENCE	✗	✗	✗	✓
CRAMP DEFENCE	✗	✗	✗	✓



WORKWIZE

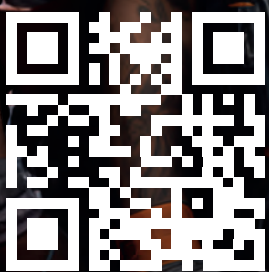
SMART HYDRATION



*The only electrolyte drink
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