

Platinum Ion Hydrogen Oxygen Generator (Mix Composition)

e-lons



Before Use
Blood Pressure
147/81 mmHg

After 2 Weeks Of Use
Blood Pressure
128/74 mmHg



Portable Platinum
Hydrogen Generator

Platinum Ion Hydrogen Oxygen Generator

Hydrogen Purity
more than 99%



Anti depression

Anti-sensitive

Improve
sleep quality

Anti-apoptosis

Safe to consume
No side effect

Detox





e-ions™

HYDROGEN OXYGEN GENERATOR

ER TECK CHUAN



(From mmHg 147 to mmHg 132)

Before



After 1 hour



e-ions™

HYDROGEN OXYGEN GENERATOR

SOO LING LING



(From mmHg 162 to mmHg147)

Before



After 1 hour

Testimonial 1: After Cardiovascular Surgery

Before: Feeling lack of
energy and tired

After: Usage of 10
session for 1 hour each
for the Hydrogen
generator, now he can
ride for over 8km and
still have more energy





eions[®]

HYDROGEN OXYGEN GENERATOR

E-IONS Outlet : Melaka Outlet

Name : Annie Keong

Breast cancer
4th stage



Before 3/8/2020



After 3/9/2020

Improvement 1 month

Human Needed 3 Basic Elements to Survive



Most Basic Need and the most Important elements



Air

Without Breathing Air
3-5 min we will
Suffocated and die



Water

Without Drinking
We can only survive
around 3 days



Food

Without Eating
We can only survive
around 7 days

**So it is very clearly that which is the
most prioritize elements**



Air

+



Water

Air & Water is the Top Priority

Important of Brain



brain needs air (the most important generator)

**blood
circulation**

smooth blood
(plus E-IONS Hydrogen
ionized water)
Detoxification of the most
toxic free radicals (detoxification)

The internal organs and
six fu-organs
function smoothly,
including meridians,
blood vessels, etc.

like the lack of fresh air in the head



poor blood



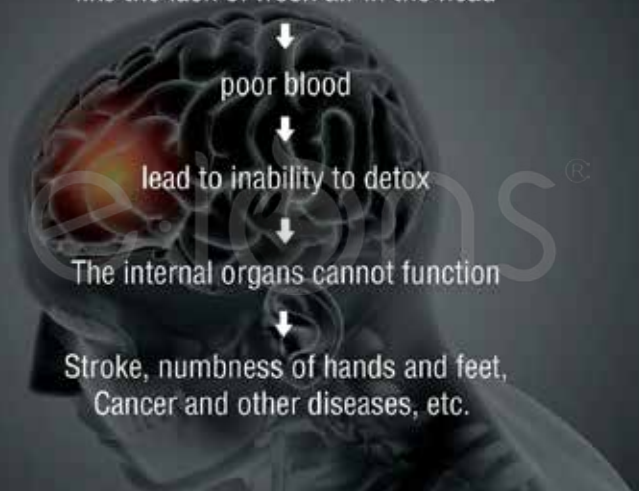
lead to inability to detox



The internal organs cannot function



Stroke, numbness of hands and feet,
Cancer and other diseases, etc.





The brain needs fresh air



to activate brain cells



The internal organs function smoothly, including the meridians and blood vessels to remove the most toxic free radicals (detoxification)

Does fresh air matter?



OH⁻

Negative Hydrogen Oxygen Generator



Blood Circulation to keep your brain active



In addition, our E-IONS titanium ionized water can make the blood flow smoothly to remove the most toxic free radicals (detoxification), accelerate the operation of the internal organs, meridians and blood vessels, and prevent stroke.



Reaching the body of titanium ions and negative hydrogen molecules can make your whole body healthy







Oxygen



Pros

Provide us energy, keep us alive



Cons

Cause Free Radicals, Oxidize
our Body, Aging

Studies: The History of Hydrogen & Oxygen to Human Race



Adenosine Triphosphate (ATP) is an organic compound and hydrotrope that provides energy to drive many processes in living cells, such as muscle contraction, nerve impulse propagation, condensate dissolution and chemical synthesis.



For centuries, Oxygen is understanding by human race as a perfect air and not harmful to us. However this is a wrong thought. In 1969, Irwin Fridovich (Duke University) & Joe M. McCord (University of South Alabama) have found out Superoxide dismutase (SOD) in our blood cells, proven the existing of Superoxide Radical.

PROVEN Clearly, Oxygen can be treated as a Double-edged Sword, the existing of Oxygen has it's Pros and Cons. When overdose of Oxygen in our blood cells, can cause Free Radical, thus causes cells oxidized and apoptosis



Overdose of Superoxide Radical Damaging our Cell Metabolism and Immune Systems

Free Radicals is Everywhere



Damages of
Ozone Layers



Irregular
Resting



Tobacco &
Alcohol



Vehicle
Emissions

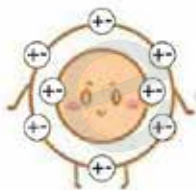


Life
Pressure



Ultraviolet
Rays

The Danger of Free Radicals (The Silent Killer)



Healthy cells



Attacked by Free Radicals



Cells loses electron and
become Free Radicals

Do You Know?

Without Oxygen We Can't Survive, Without Hydrogen We Can't live Better



Elderly Can't Sleep Well



Pregnant Women
Breathing Disorder



Children's lack
of concentration



Young people are
under pressure at work

Hydrogen molecule is the smallest molecule in nature. Can spread to the whole body quickly within a short time of inhalation. Penetrate the cell membrane directly to the mitochondria

Hydrogen molecules can scavenge free radicals that cause aging and help repair cell damage caused by free radicals. For delaying aging, beauty, and improving constitution. And 62 diseases verified by clinical and animal experiments are all beneficial, the hydrogen molecule is called the health revolution of this century. It is a high-quality supplement to maintain health



Detoxification



Anti-
apoptosis



Resolve
inflammation



Healing
cells



Park in The Morning



Seaside



Waterfall



Urban



Forest



Fresh mind, comfortable breathing, refreshing

This is because of Negative Ion



OH⁻ Negative ion

The Benefits of Negative Ion

"Vitamin" of Air

Increase Immune System

Detox (The most toxic free radicals)

Eliminate Anxiety

Improve Sleep Quality

Lower Blood Pressure

Improve Breathing & Refreshing

BUT NOWADAYS

AIR + WATER POLLUTION



Cause human **chronic poisoning** and **common disease**

ORP

-1300mv

And above
within half an hour



ORP

-1400mv

And above

Within 5 minutes



The rise of Hydrogen Medicine can be traced

The predecessor of hydrogen medicine:

In the 1970s, Edol et al. found that divers using hydrogen could effectively prevent hypertensive neurological syndrome

In 1975, Dole et al. studied Hyperbaric Hydrogen against skin malignancies and found that the tumors became smaller. The study was published in the well-known scientific journal (Science). In 2001, Ghaeib et al. also used high pressure hydrogen to treat liver fibrosis and inflammation induced by schistosomiasis infection

The Great Discovery of the Ota Naruo Research Group in Japan



In 2003, the Institute of Geriatrics of Japan Medical University established the Hydrogen Research Center under the leadership of Professor S. Ohto. In July 2007, a breakthrough academic paper was published in the well-known academic journal "Nature Medicine":

- (1) Hydrogen molecules have the strongest free radicals to scavenge humans or animals
- (2) Research on breathing hydrogen (2% can indeed protect brain cells from necrosis caused by a large number of free radicals in ischemia)(Necrosis)

Demonstration of Application of Hydrogen Molecules to Prevent Liver Disease

Studies have also confirmed that absorbing 1-4% hydrogen can also effectively reduce oxidative damage caused by ischemia-reperfusion, and reduce liver cell apoptosis and liver injury indicators.

Reference

1. Li Q, Shen WF, Sun HY, et al. Hydrogen-rich saline protects against liver injury in rats with obstructive jaundice. *Liver International*, 30 : 955-62, 2010.
2. Sun H, Chen L, Zhou W, et al. The protective role of hydrogen-rich saline in experimental liver injury in mice. *Journal of Hepatology*, 54 : 471-80, 2011.

Diseases for which hydrogen has been shown to have therapeutic effects in animal models and human studies

Cardiovascular System

- Acute myocardial infarction
- Heart transplant
- Cardiac disease
- Atherosclerosis
- High blood pressure
- After recovery from cardiac arrest

Central Nervous System

- Cerebral infarction
- Parkinson's Disease
- Alzheimer's disease
- Cerebral cortex neurodegeneration
- Brain blood supply, subarachnoid hemorrhage
- Brain damage after cardiac arrest

Respiratory System

- Acute lung injury
- Bronchial Asthma
- Chronic obstructive pulmonary disease
- Bronchiectasis
- Radiation pneumonitis
- Interstitial lung disease-reperfusion injury
- Lung transplant

Gastrointestinal/hepatobiliary system

- Multiple liver injuries
- Liver fibrosis
- Liver ischemia-reperfusion
- Radiation liver injury
- Liver Transplantation
- Acute gastric mucosal injury
- Acute pancreatitis
- Fatty liver

Cancer

- Solid tumor
- Radiation/chemotherapy side effects
- Pre-cancer prevention

Renal/Urogenital System

- Chemotherapy-induced kidney injury
- Kidney transplant
- Chronic kidney disease
- Renal ischemia-reperfusion
- Radiation urogenital injury
- Radiation ovarian damage
- Bladder inflammation

Metabolism/Bone Joint/Muscular System

- Diabetes
- Hyperkalemia
- Obesity
- Myopathy
- Joint disorders
- Osteoporosis
- Osteonecrosis

Skin, sensory system

- Skin physical and chemical damage
- Retinal ischemia
- Retinal degeneration
- Hearing impairment

Inflammation/Infection/Blood System

- Allergic reactions
- Sepsis
- Acute and chronic graft-versus-host disease
- Aplastic anemia

Fetus, newborns

- Cerebral hypoxia, encephalopathy
- Threatened miscarriage
- Fetal inflammatory response syndrome



Demonstration of the application of hydrogen molecules to relieve bone diseases and arthritis

Demonstration of application of hydrogen molecule to relieve metabolic syndrome and cardiovascular disease

Demonstration on the application of hydrogen molecules to prevent chronic brain diseases

Demonstration of Application of Hydrogen Molecule in Preventing Parkinson's Disease

Demonstration of Application of Hydrogen Molecule in Preventing Dementia

Demonstration of Application of Hydrogen Molecule in Relieving Inflammation of Intestines and Stomach

At present, Chinese infectious disease expert Zhong Nanshan announced that hydrogen equipment will be used in the first-line adjuvant treatment of new coronary pneumonia.

International immunization experts pointed out that the application of hydrogen in the treatment of new coronary pneumonia, in addition to reducing the symptoms of patients with breathing difficulties, also has key anti-inflammatory properties.





INTRODUCTION

Hydrogen gas is said to be a new and promising treatment option for variety of diseases. Its applications range from acute therapy such as in trauma, respiratory failure, shock and sepsis leading to chronic illness such as metabolic syndrome, myocardial infarction, and neurodegenerative diseases.¹ There is a growing evidence illustrating several novel scenarios in oxidative hydrogen (H_2) as antioxidant, anti-inflammatory, antiapoptotic and antiaging.²⁻⁴ The clinical benefits were demonstrated through various delivery methods including dissolving hydrogen rich water, transdermal reaction, inhalation of hydrogen rich saline and inhalation.⁵⁻⁷ However, inhalation of hydrogen gas has been established as the easiest and simplest mode of administration. It also allows providing of the dose of hydrogen. As a therapeutic gas, hydrogen has the ability to diffuse freely across biological membranes, acting in various functional capacities.⁸⁻¹¹

Dry hydrogen generator is commonly used for respiratory applications, transdermal as well as for food and water preservation due to its inert and safe such as following in industry applications such as welding and mining.¹² In recent years, alongside with the discovery of health and medical benefits of molecular hydrogen, it has been discovered as hydrogen inhalation device for health. The device produces hydrogen (H_2) and oxygen (O_2) gas through water using electrolysis method at a rate of 2–3 L/min. The electrolysis process splits molecular water into its constituent 2.2 hydrogen to oxygen ratio. The standard specification of the device comprises of an electrolysis cell and at least two positive and two negative plates, a flow and a control unit. The control unit is used for adjusting voltage of the positive plate and the negative plate to change the proportion of the produced hydrogen to the produced oxygen.^{13,14}



Figure 1 The AMB-01 dry hydrogen generator is lighty portable, equipped with a small breathing mask for direct feedback by inhalation.¹⁵

In the ongoing epidemic of coronavirus disease 2019 (COVID-19), the use of inhalational hydrogen (H_2) of 10–20% to 25%, alongside with patients inhale not significantly (also included in the current treatment protocol for coronavirus pneumonia in China).¹⁶ The inhalational hydrogen is claimed to be beneficial in two ways.

1. As a respiratory antioxidant

One of the major mechanisms for COVID-19 virus causes illness is by oxidative stress, producing free radical products of oxygen including superoxide radical, hydrogen peroxide and hydroxyl radical which are released collectively as reactive oxygen species (ROS). These reactive radicals cause damage to various molecules in the body such as fats (lipid peroxidation) and cell membrane damage, DNA (genetic information) and proteins (enzyme damage), to acute and chronic oxidative stress. The process is accelerated and may eventually the single lipid peroxidation radicals causing both cellular and organ damage and oxidative failure.^{17,18} Hydrogen (H_2) antioxidant has potential for acting as functional scavenger of highly active radicals, hydroxyl radical (OH) and peroxynitrite (ONOO⁻). It also indirectly reduces oxidative stress by regulating the expression of various genes.^{19,20}

2. As a potent vasodilator

Endothelium is capable of producing an excessive nitric oxide reaction in the face of disturbed immune response of cytokines. Unfortunately, at higher levels there were cytokines, in what is sometimes called 'cytokine storm', may cause increased inflammation, as in the flu virus. Dysregulation of immune responses following both inflammation and cytokine storm may lead to multiple organ failure, pulmonary tissue damage (ARDS), shock, systemic damage and inflammatory infiltration and edema, intestinal ileus and reduction lung capacity which is well known in patients with COVID-19 infection.^{21,22} Hydrogen (H_2) exhibits oxidative stress induced inflammatory tissue damage as downregulation of pro-inflammatory and inflammatory cytokines.^{23–25}

RESULTS AND DISCUSSION

COVID-19 cases

Based on extensive search through available scientific databases (and MEDLINE, Cochrane Database, PubMed and Google search engine) there was no inhalation evidence on the effectiveness of inhalational hydrogen using dry hydrogen generator in the management of COVID-19. However, there was an anecdotal evidence of improvement in respiratory symptoms following the use of oxygen-hydrogen inhalation device which generated hydrogen-oxygen gas mixture at 2:1 ratio (N₂O₂: 16.7%:83.3%) for duration or frequency of usage was specified. The inhalation was given to Covid-19 patients in Wuhan Hanyang Hospital (two patients) and Guangxi Hospital (three patients), China. They described a reduction in chest discomfort and breathlessness, as well as resolution of cough symptom (one patient). There was also a testimony by a respiratory physician who worked in Guangxi Covid-19 patients in Guangxi, China. He observed an improvement in respiratory symptoms among five patients which he believed was due to the addition of oxygen mixture via the inhalation device.^{26,27}

Zhang B et al. (2018) investigated the effect of inhalational hydrogen gas (N₂O₂: 67%:33%) produced by the AMB-01 dry hydrogen generator on the lung with chronic obstructive pulmonary disease, pulmonary emphysema and chronic lung disease using various methods. The hydrogen gas was administered for 60 minutes once a day for seven consecutive days. It was shown that the hydrogen gas reduced lung resistance (0.23 ± 0.01 cmH₂O/cm² level) (0.02 ± 0.02 cmH₂O/cm² level), $P < 0.05$), as well as the air conductance of inflammation rate (0.22 ± 0.02 level) (0.04 ± 0.02 level), $P < 0.05$) and airway pressure gradient hyperpnea (0.19 ± 0.01 level) (0.14 ± 0.01 level), $P < 0.05$) which led to the reduction in acute pulmonary. There was also significant reduction in inflammatory cytokines protein (interleukin-6) and interleukin-8 (IL-6) and interleukin-8 (IL-8) (0.41 ± 0.11 level) (0.15 ± 0.04 level), $P < 0.05$), $P < 0.05$), 0.004 ± 0.003 level) (0.001 ± 0.001 level), $P < 0.05$).

BUT



FDA states that hydrogen is a generally safe substance (GRAS), but the purity of hydrogen entering the human body must reach 4N5 (99.995%) or higher



Inhaling hydrogen whose purity is not up to standard will not benefit from it, but suffer from it



Hydrogen cylinders filled with balloons, containing 98% hydrogen and 2% unknown gas, may be fatal if inhaled

Passed the core hydrogen purity test of Taiwan Central University

負責人: 王家麟 教授



說明:

中央大學化學系大氣分析實驗室接受
針對該公司生產之 E 系列電解發生器 (E Series Electrolysis Generator) 驗證其
氣輸出之氧氣純度，經本實驗室以氮氣/氧氣/熱傳導檢測器(TCD)分析法測試
驗證，其 H₂ 含有 O₂ 濃度應 < 10 ppm，或認定其 H₂ 純度相當於 99.999%。

測試項目	測試方法	測試結果
氧氣純度	氮氣/氧氣/熱傳導檢測器(TCD)分析法	氧氣純度 ≥ 99.999% (≥ 99.999%)

Pure Hydrogen Oxygen > 99.999%

LET YOU FEEL AT EASE!

E-IONS **Use** Platinum Baked Titanium **JAPAN TECHNOLOGY**



GENERATE PURE HYDROGEN
99.999% $\geq$ 5N



HYDROGEN OXYGEN GENERATOR

3 Major Top Quality Advantages



Hydrogen
Purity more
than 99%



Pure Platinum
Electrolysis
Plate



Special Made Purified
Filter + RO Water
= Clean Fresh Air

HYDROGEN OXYGEN GENERATOR

AIR PURIFICATION PROCESS



Benefits

e-ions[®]

Anti-Aging & Anti wrinkles

Anti-apoptosis

Safe to consume, No side effect

Anti-sensitive

Penetrate to body cell & cell membrane

Anti depression

Selective to eliminate the strongest free radicals toxin

Break through cerebral blood disorders

Reduce oxidative stress

Adjusting physical fitness, reduce weight naturally

Anti-protective liver reduces anti-inflammatory cytokines

Protect cytoplasmic body

E-IONS Hydrogen Molecule



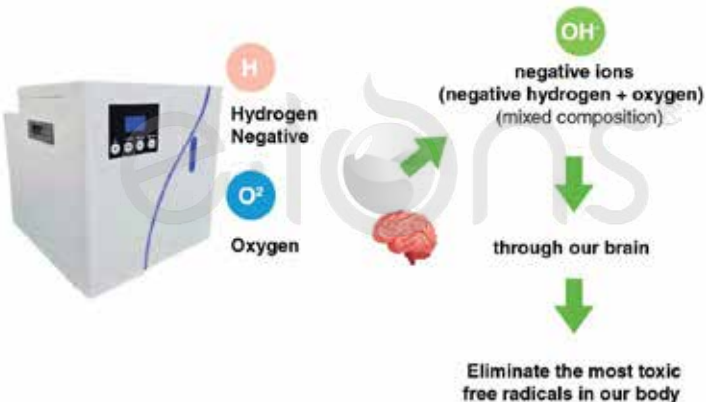
Circulation of
"Qi" in blood



Blood Circulation



Platinum Hydrogen Generator



Hydrogen Oxygen Generator



RM36,900
EM+ RM400



*1 & c apply

Hydrogen Respirator

FREE GIFTS

- 1 2 Filters**
Last for 1000 hours / 5 years (which come first)
WORTH **RM990**

- 2 Platinum Baked Titanium**
Last for 5,000 hours / 5 years (which come first)
- include overhaul / change parts
WORTH **RM2,900**

- 3 Free Tubes (10 pcs)** 
WORTH **RM300**
TOTAL WORTH RM4,190

Hour Reading

**FREE SERVICE**

up to 6 times

Portable Platinum Hydrogen Generator

**NEW
PRODUCT**



Easy Payment
Start From
RM472+
per month

RM17,000
EM+ RM100



FREE
2 tubes



FREE
1 year
semi-overhaul
worth RM388

FREE
1 year
parts warranty
(Platinum Plate
5 years warranty)

It's with you wherever you are



Hotel



Outdoor



Car



Shopping



House



Travel



It's with you wherever you are

Hotel



It's with you wherever you are

Car



e-ions[®] Why Hydrogen Generator different from others



Medical oxygen cylinder

- Only applicable for patient
- Cannot overdose



Hydrogen Gas for Covid-19 ICU patient

- Only applicable for patient to improve lungs functionality
- Cannot overdose

E-IONS Hydrogen Oxygen Generator

- Japan Technology
- Family/Medical Device
- Pure Platinum Electrolysis Plate
- 300cc/min high purity Hydrogen
- Up to 99.99% pure hydrogen

Platinum Hydrogen Generator vs Oxygen Machine

Negative Hydrogen + Oxygen



Purity as high as 99.9999% $\geq 5\text{N}$

Eliminate the most toxic free radicals in the human body, giving you peace of mind for the whole family



- ✓ **Good** Plenty of energy to sustain life
- ✗ **Not good** Simultaneous production of free radicals (toxins), the body oxidizes

In 1969, two scholars at Duke University, Fridorich (Fridorich) and his graduate student McCord (McCord) confirmed that oxygen is actually a double-edged sword. The merits and demerits are mixed, because excessive oxygen production of free radicals can cause oxidative damage to cells and even apoptosis.



The difference between E-IONS hydrogen generator and other hydrogen generators in the market



VS



X BRAND

Using titanium platinum, hydrogen purity is as high as 99.9999%, with report attached

unknown

Comes with 2-year service (semi-overhaul once every six months)

no

The machine contains a filter element, which needs to be replaced every 1000 hours, and the air is cleaner

without filter

Add R.O. Water

unknown

Has meter reading to display

unknown

Titanium Platinum overhaul every 5000 hours

no

There are specialty stores in Malaysia (service available)

no

Hydrogen up to 380cc, with video as proof

150-300cc

A row of six e1000 service cars parked in a lot. The cars are dark grey or black, with the e1000 logo on the front. The license plates are visible: JUS 2138, LMY 2111, and others. The background features lush greenery, including large trees and palm trees, under a blue sky with white clouds.

OWN SERVICE TEAM

315cm



183cm





Installment Scheme

0% Interest

12 Mths  **CIMB**  **HSBC**  **Hong Leong Bank**  **Standard Chartered**  **PUBLIC BANK**  **Maybank**  **UOB**  **OCBC Bank**

18 Mths  **Standard Chartered**  **Maybank**  **UOB**  **OCBC Bank**  **PUBLIC BANK**  **Hong Leong Bank**

24 Mths  **HSBC**  **Hong Leong Bank**  **PUBLIC BANK**  **Maybank**  **OCBC Bank**

36 Mths  **HSBC**  **Hong Leong Bank**  **OCBC Bank**

Please contact us for easy payment
+6012-226 0523 / +6016-228 3593



E-IONS Corporation Sdn Bhd



CIMB BANK

CIMB Bank

ACC: 800 0199 575



Maybank

Maybank

ACC: 5125 5831 8915



012-2260523



HOTLINE[®]

+6016-225 3598

+6016-228 3593

+6012-226 0523

+6013-273 3598

DOES OUR HEALTH MATTER?



Avoid?

Choose?

Are you eating everyday?

Are there any **precaution taken**?

Or are you now a civilized sick person?

PRICELESS TREASURE?

RM1

Health! The following is related to us

Parents

Spouse

Children

Room

Bank

New Car

Prevention is better than cure

A great gift for parents and family