

OXYTAP

The Healing Power of Oxygen & Water

*World's 1st Oxygen Nutrition
Infuser*



oxytap[™]

Disclaimer

MEDICAL DISCLAIMERS



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2. Do not claim they could cure any disease or illness such as Cancer, Diabetes, Stroke etc.;
3. Do not introduce Prife products as a product to augment a therapy or a drug;
4. Members shall be responsible for their statements/ testimonials/ advertisements on any social media or other platforms after using the Prife products;
5. All statements/ testimonials shared by members via any social media or other platforms are solely the views of those members and do not represent the views of Prife International;
6. Prife International shall not be liable or responsible for the actions, misrepresentations or negligence of our members who are Independent Distributors;
7. Prife International reserves the right to suspend any member's account that violates the above pending our investigation.

Introduction & Profile

- CEO and founder of the world's 1st regenerative oxygen water supplement infuser, OxyTap.
- Wilson has been a technologist in the high-tech industry for 30+ years from IT, Defense to Environmental technologies.
- As a Wellness Evangelist in the last 10 years, he explored how to use two of nature's vital elements oxygen and water to enhance health, wellness, and lifestyle.



The 3 Rules of Human Survival

- 3 weeks without Food
- 3 days without Water
- 3 minutes without Oxygen

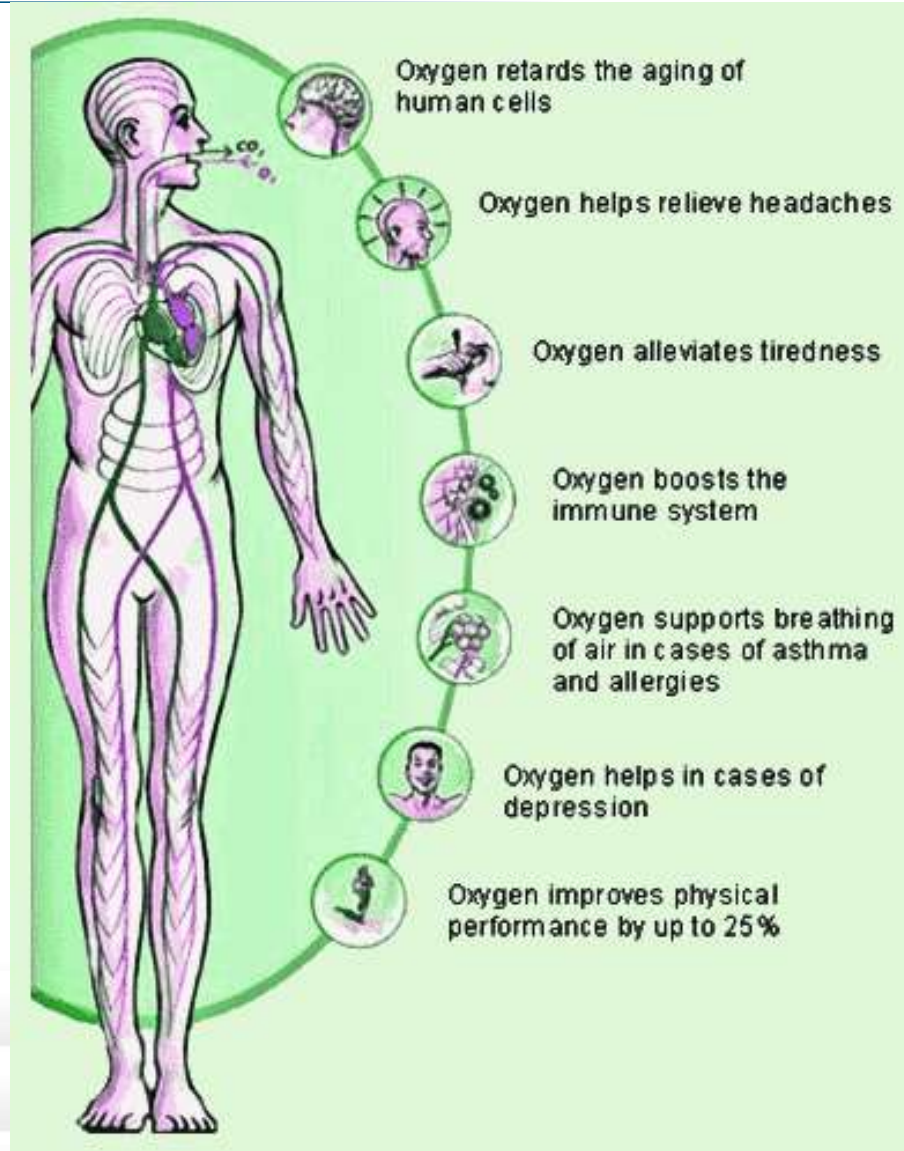


Importance of Water

Our Body is 70% water

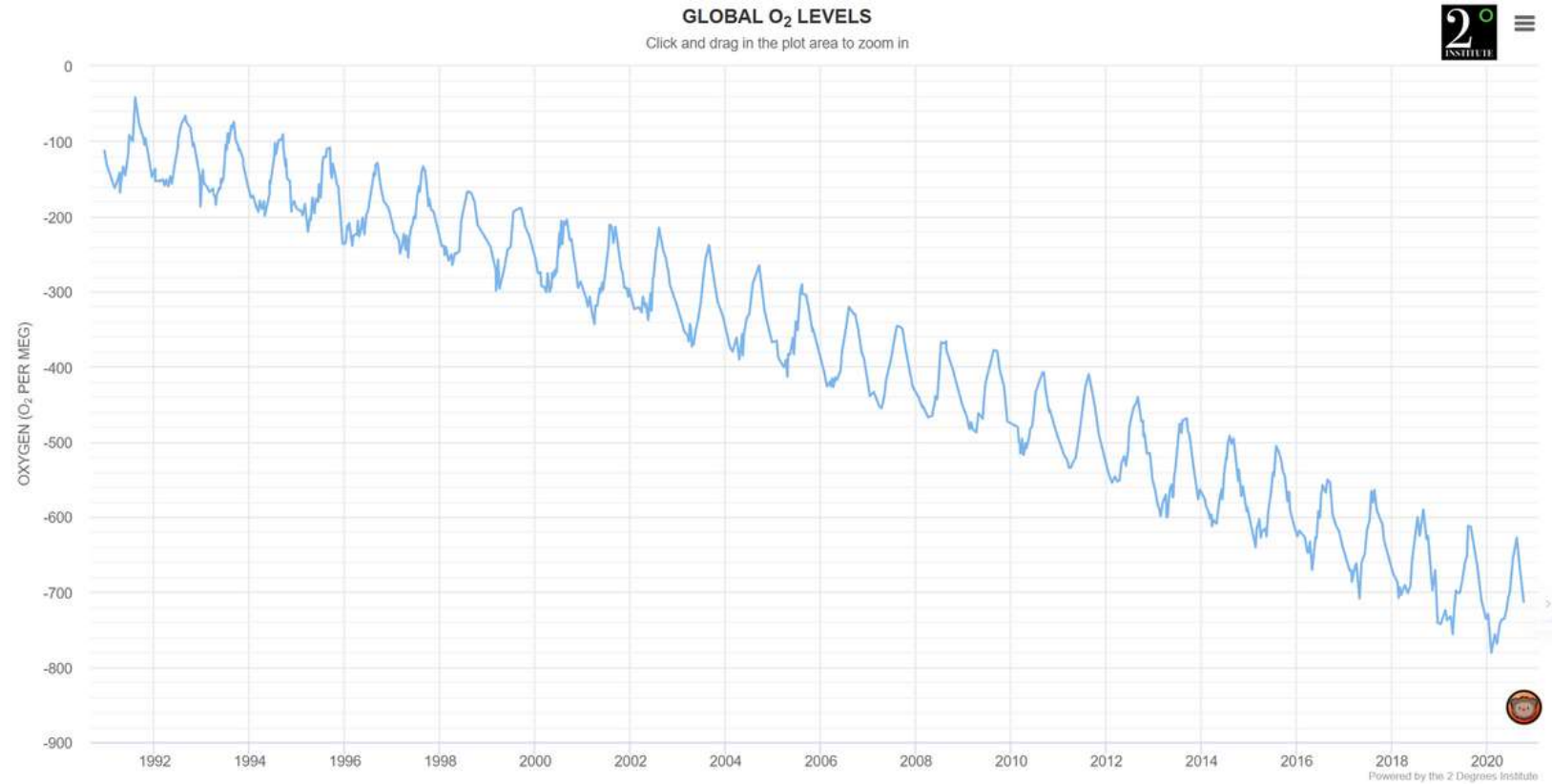


Importance of Oxygen



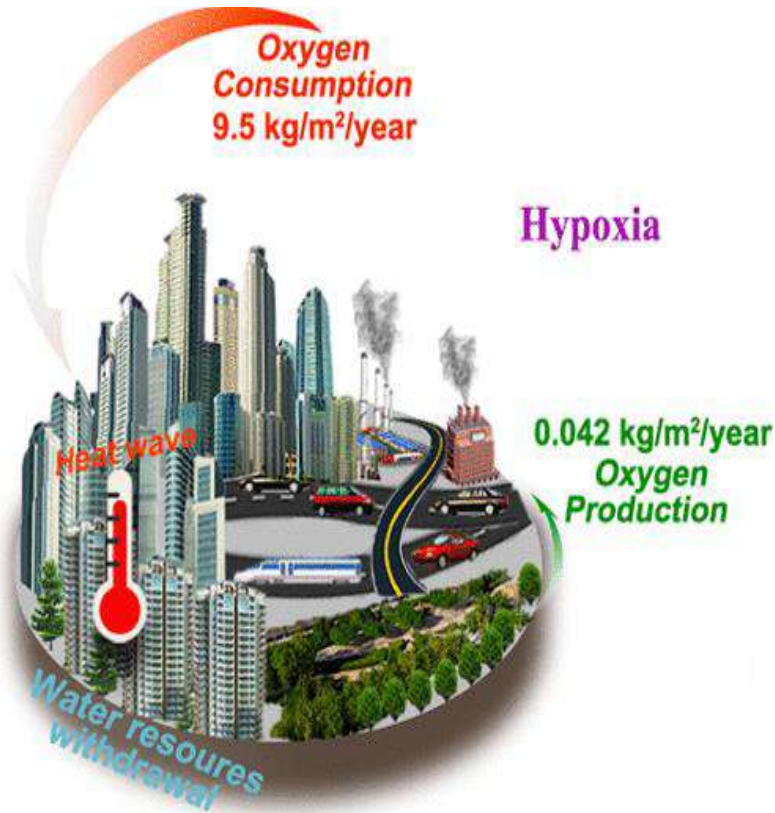
The Global Oxygen Crisis

Lack of Oxygen in air



Source: <https://www.oxygenlevels.org/>

Lack of Oxygen in Cities



Cities with population more than 5 million

1,200 cities O_2 ~228.6

New study warns of risks from declining oxygen levels in large cities worldwide

Source: Xinhua | 2021-06-21 16:30:11 | Editor: huaxia



BEIJING, June 21 (Xinhua) -- A Chinese research team has recently revealed the emerging risks of declining oxygen levels in large cities around the world, raising concerns over people's health and the potential for sustainable development in major cities.

A research team from Lanzhou University investigated oxygen balances and related risks in 391 cities worldwide with a population of more than 1 million. They studied the oxygen index, the ratio of oxygen consumption to oxygen production.

The results of the study show that global urban areas, covering 3.8 percent of the global land surface, accounted for approximately 39 percent of terrestrial oxygen consumption during the 2001-2015 period, said Huang Jianping, leader of the research team from the College of Atmospheric Science at Lanzhou University.

It is estimated that 75 percent of cities with a population of more than 5 million had oxygen indexes greater than 100.

Source: <https://pubmed.ncbi.nlm.nih.gov/33904720/>

Lack of Oxygen due to COVID Pandemic

COVID-19

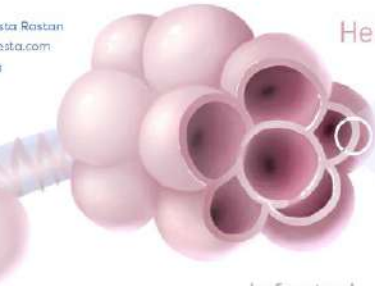
HOW DOES IT AFFECT YOU?

Coronavirus Disease 2019 (COVID-19) is a pandemic caused by Severe Acute Respiratory Syndrome Coronavirus 2, also called SARS-CoV-2. Despite the widespread awareness regarding COVID-19, many are still unaware about how it affects the human body.

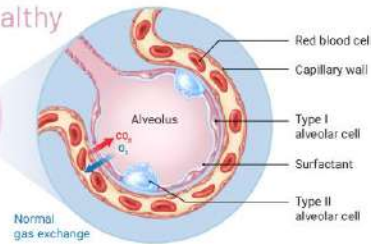


SARS-CoV-2 starts its journey in the nose, mouth, or eyes and travels down to the alveoli in the lungs. Alveoli are tiny sacs of air where gas exchange occurs.

Designed by Avesta Rastan
 www.azuravesta.com
 @azuravesta
 @azuraviz



Healthy



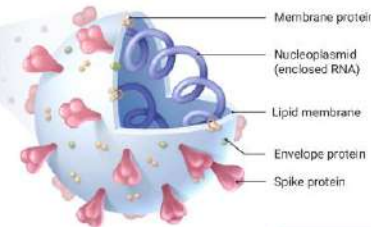
Gas Exchange

Each sac of air, or alveolus, is wrapped with capillaries where red blood cells release **carbon dioxide** (CO₂) and pick up **oxygen** (O₂). Two alveolar cells facilitate gas exchange; **Type I** cells are thin enough that the oxygen passes right through, and **Type II** cells secrete **surfactant** – a substance that lines the alveolus and prevents it from collapsing.



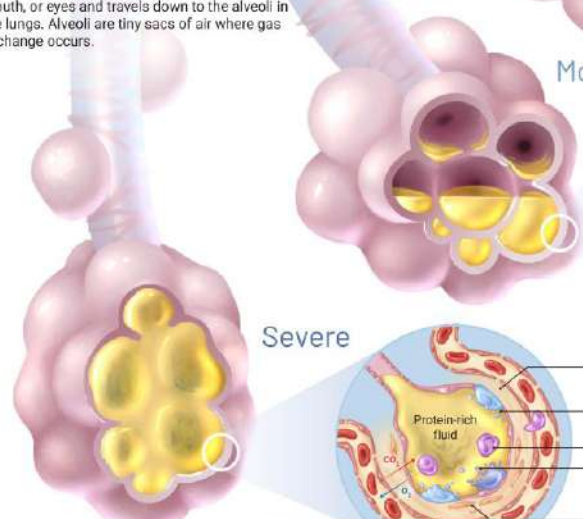
Infected

SARS-CoV-2 Structure



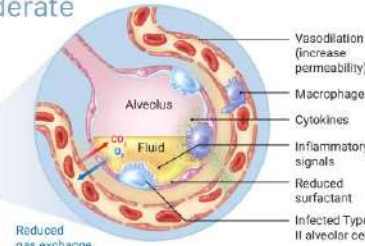
Viral Infection

The spike proteins covering the coronavirus bind ACE2 receptors primarily on type II alveolar cells, allowing the virus to inject its RNA. The RNA "hijacks" the cell, telling it to assemble many more copies of the virus and release them into the alveolus. The host cell is destroyed in this process and the new coronaviruses infect neighbouring cells.



Severe

Moderate



Impaired Gas Exchange

When the immune system attacks the area of infection it also kills healthy alveolar cells. This results in three things that hinder gas exchange.

- 1) Alveolar collapse due to loss of surfactant from Type II cells
- 2) Less oxygen enters the bloodstream due to lack of Type I cells
- 3) More fluid enters the alveolus

Stay Home

Symptoms may start to show (e.g. dry cough, fever, etc.)

Pneumonia develops

Shortness of breath

Hospitalization

Dangerous for high-risk individuals; secondary infections may occur

Intensive Care (ICU)

Patients may require ventilators and life-support

Complications

Unrelated to COVID-19 may occur

With proper care, patients may recover at any point during this process

Immune Response

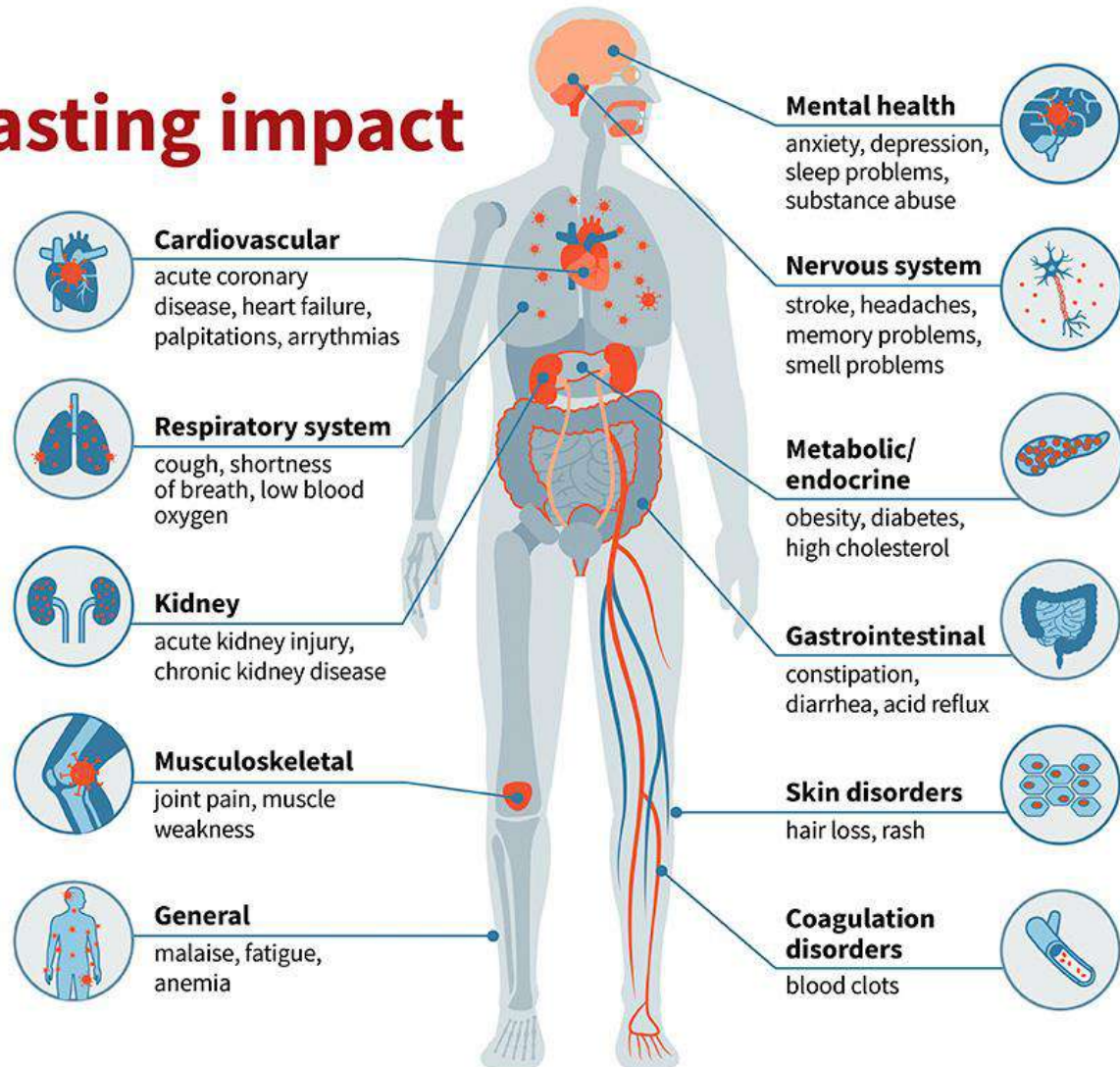
- 1 After infection, Type II cells release **inflammatory signals** that recruit **macrophages** (immune cells).
- 2 Macrophages release **cytokines** that cause vasodilation, which allows more immune cells to come to the site of injury and exit the capillary.
- 3 Fluid accumulates inside the alveolus.
- 4 The fluid dilutes the surfactant which triggers the onset of alveolar collapse, decreasing gas exchange and increasing the work of breathing.
- 5 **Neutrophils** are recruited to the site of infection and release Reactive Oxygen Species (ROS) to destroy infected cells.
- 6 Type I and II cells are destroyed, leading to the collapse of the alveolus and causing **Acute Respiratory Distress Syndrome (ARDS)**.
- 7 If inflammation becomes severe, the protein-rich fluid can enter the bloodstream and travel elsewhere in the body, causing **Systemic Inflammatory Response Syndrome (SIRS)**.
- 8 SIRS may lead to **septic shock** and **multi-organ failure**, which can have fatal consequences.

Long COVID linked to low oxygen

COVID-19: Lasting impact

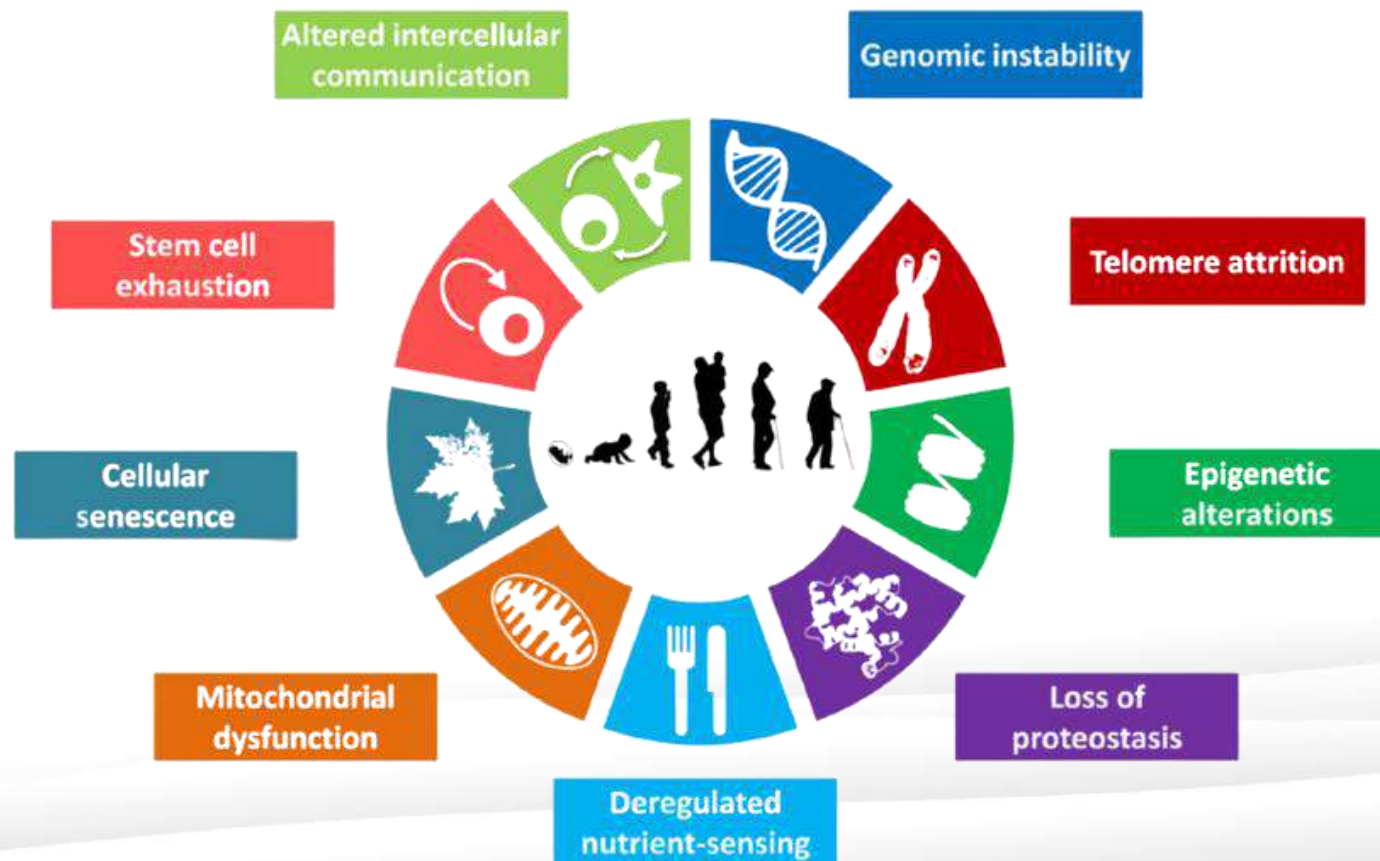
Even those survivors with mild initial cases can have wide-ranging health issues for six months or more.

WashU researchers link many diseases with COVID-19, signaling long-term complications for patients and a massive health burden for years to come.



Lack of Oxygen in Aging

Hypoxia-Induced Degenerative Protein Modifications Associated with Aging and Age-Associated Disorders



Lack of Oxygen in Brain

YOUR BRAIN WITHOUT OXYGEN

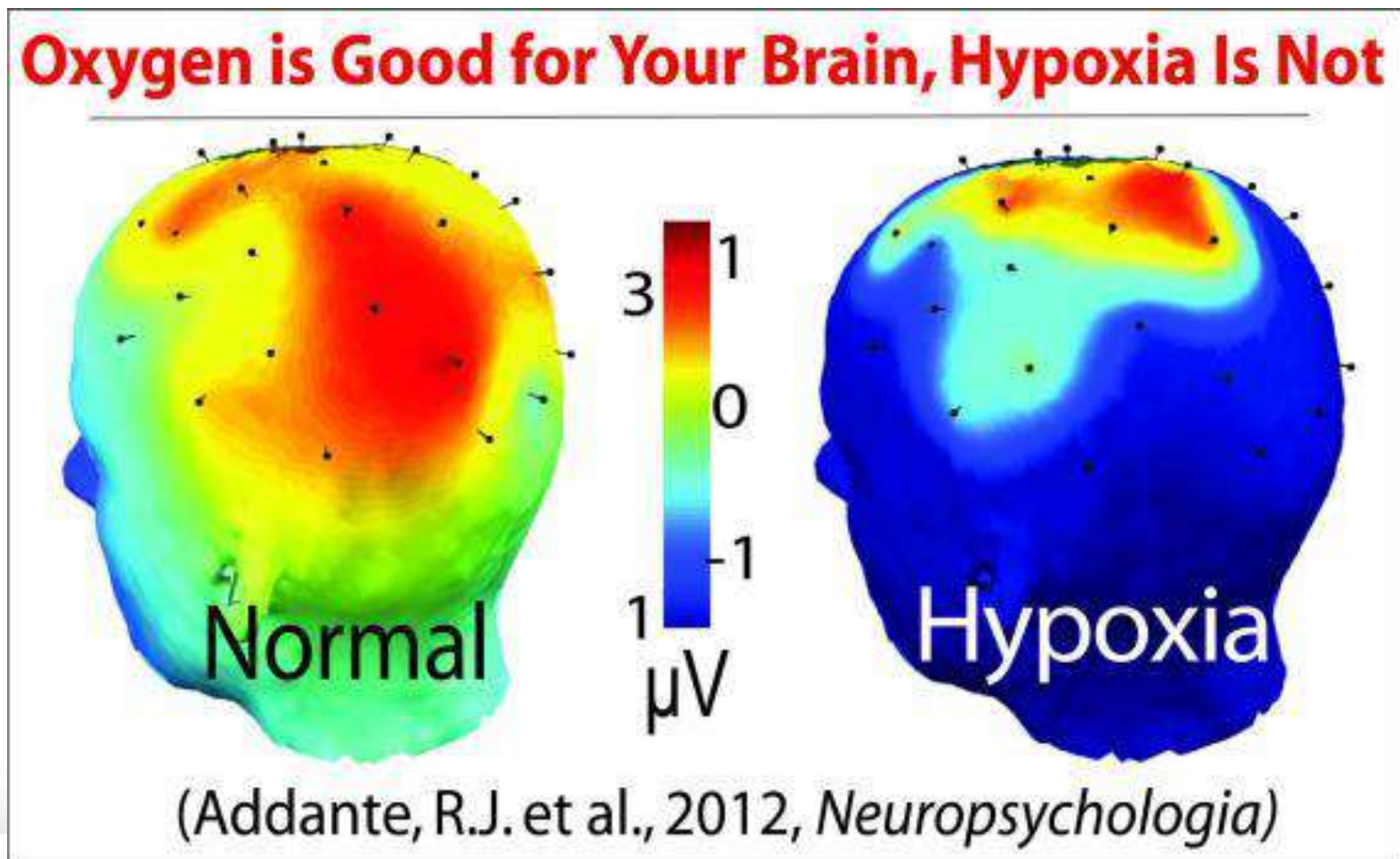


- 30 SECONDS LOSE CONSCIOUSNESS
- ONE MINUTE BRAIN CELLS BEGIN DYING
- THREE MINUTES LASTING BRAIN DAMAGE MAY OCCUR

- FIVE MINUTES MOST DIE
- 10 MINUTES LASTING BRAIN DAMAGE
- 15 MINUTES NO SURVIVAL

Lack of Oxygen in Air Travel

Effects of Hypoxia on Brain using fMRI.



Health Issues related to Air Travel

- a lot of people feel tired after a flight.
- Your body undergoes some dramatic changes once in the air.
- Some recent studies have characterized the science behind changes, and offer clues for why you feel so different on and after a flight.

Flying and effects on the human body

Science of Flight & The Human Body

Air Pressure: 20% lower than sea level

15 psi 	12 psi 	Similar to living in Denver	or hiking Grand Teton
		Denver	Grand Teton

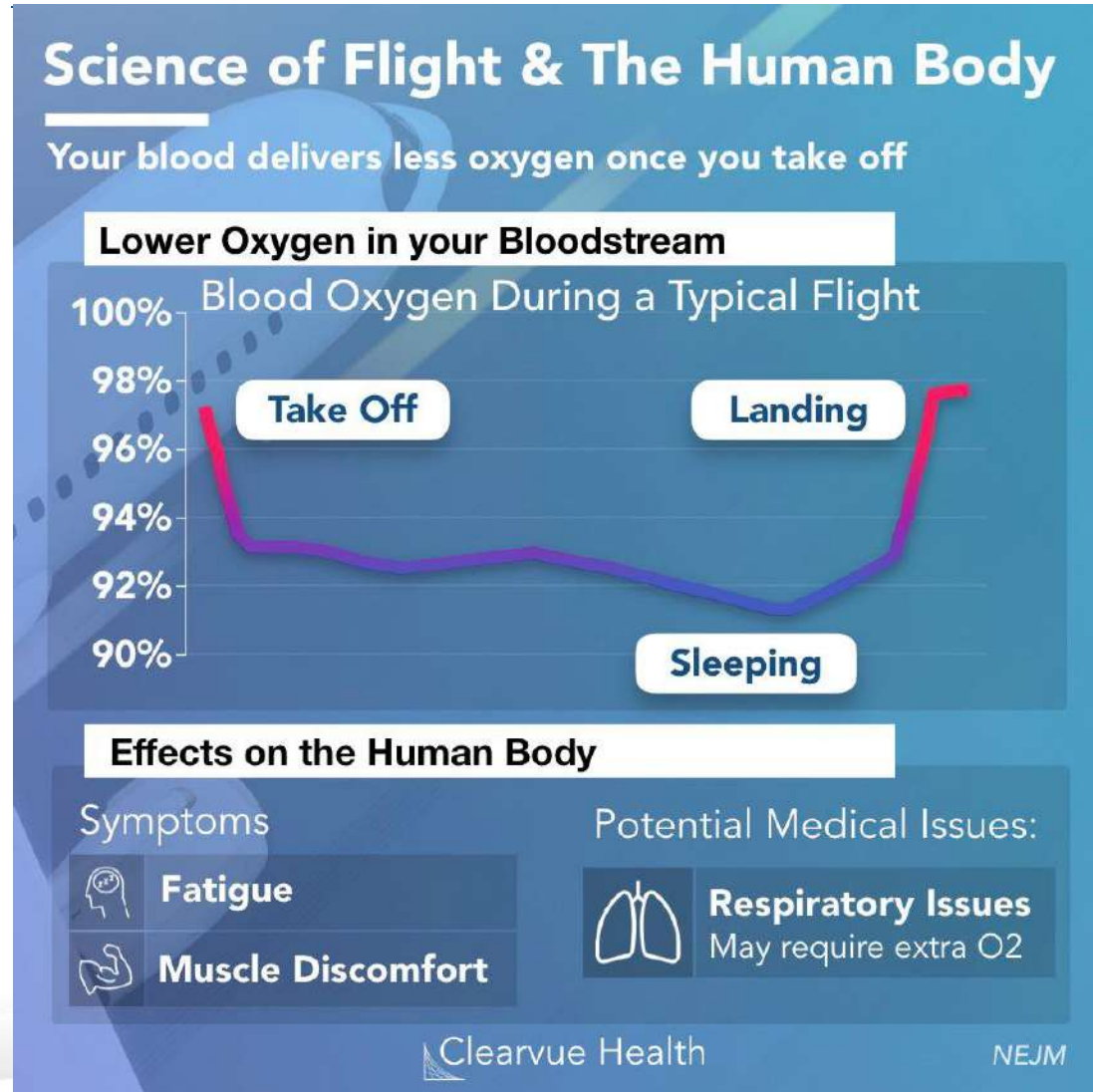
Effects on the Human Body

Gas expands in your body causing:	Medical conditions that may be affected:
Ear Popping	Recent Surgery Risk of Wound Rupture
Belly Pain	Newly Placed Casts Should be bivalved
++ Cold Symptoms	

Clearvue Health

- dramatic drop in air pressure as you take off.
- the reduction in air pressure causes the air in your body cavities to literally expand as you take off.
- This is why your ear pops, why some people have belly pain, and why your cold symptoms get worse.

Effects of reduced oxygen in the blood



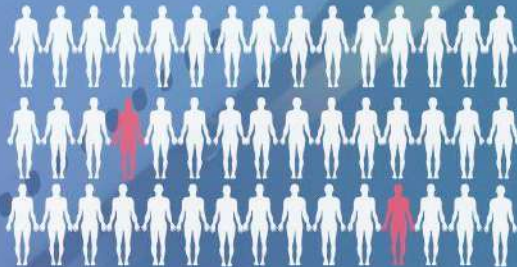
- study shows that a minor lack of oxygen makes you tired or have muscle discomfort on flight.
- Due to air pressure drop, your cells receive less oxygen from your blood.
- [In a study published in the NEJM](#), patients who were monitored in a simulated flight environment experienced a nearly 5% drop in their blood oxygen.
- When napping, the subjects' blood oxygen appeared to drop even further.

Long Flights and Blood Clots

Long Flights and Blood Clots

On longer flights, some patients had a risk of blood clots

Prolonged Sitting Increases Blood Clots



5% of high risk patients may experience a blood clot in a 12 hour flight

Recommendations for High Risk Patients

DVT Stockings may reduce the odds of a clot

Without DVT Stockings: 4.5%

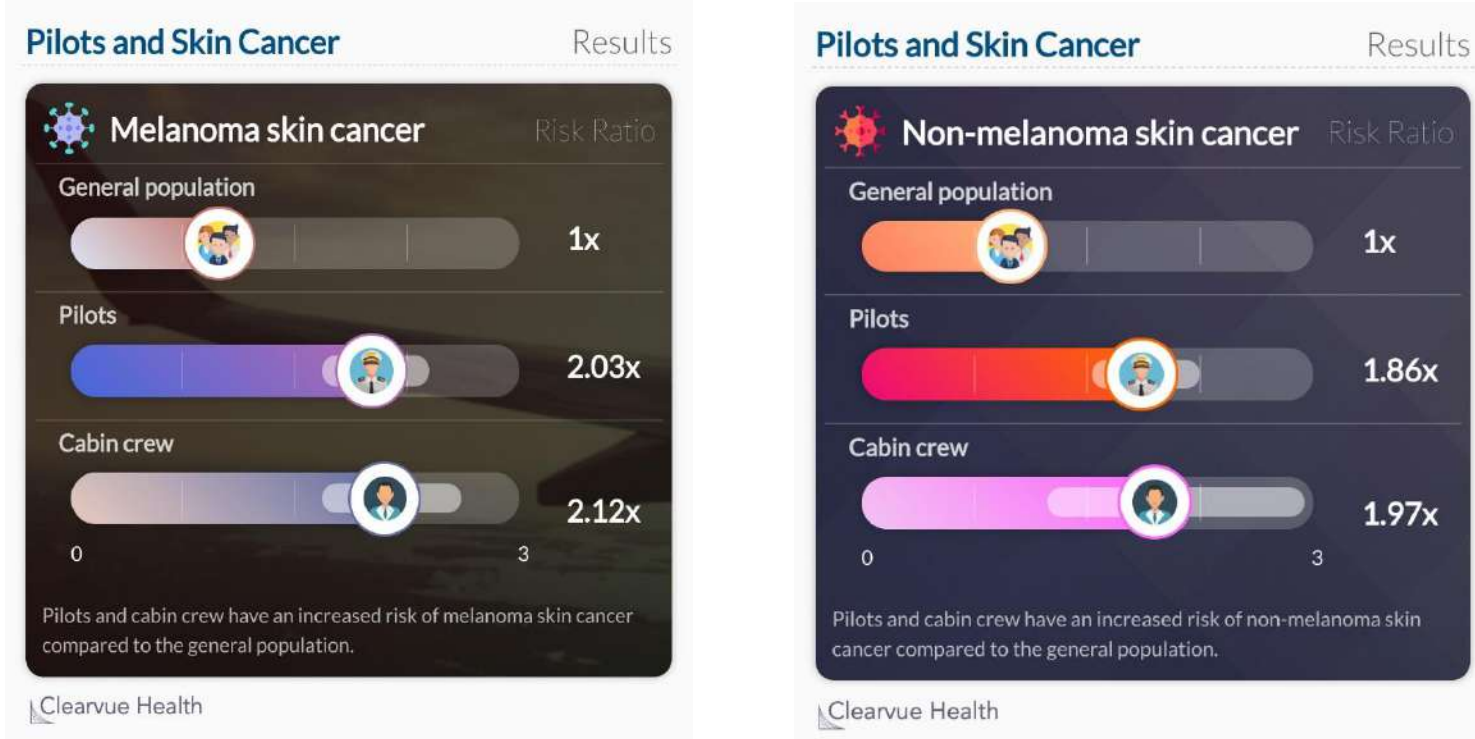
With DVT Stockings: 0.2%

- When you are sitting for up to 12 hours straight on a flight, your blood can spontaneously form clots, that can then travel to your lungs and get stuck.
- In one study, 5% of high risk patients were found to have blood clots over a 12 hour flight.

Airline Pilots & Crew & Crew have higher risk of cancer

- Pilots report about twice as many cases of skin cancer than the general population.
- Flight attendants report higher rates of skin cancer and breast cancer than the general population.

Flying and Skin Cancer



- [Source: Do Airline Pilots and Cabin Crew Have Raised Risks of Melanoma and Other Skin Cancers? Systematic Review and Meta-Analysis](https://www.clearvuehealth.com/b/cancer-pilot/)
- Airline pilots and cabin crew have about twice the risk of melanoma and other skin cancers than the general population, with pilots more likely to die from melanoma.

Warning Signs of Melanoma

WARNING SIGNS OF MELANOMA

A ASYMMETRY
One half unlike the other half.

B BORDER
Irregular, scalloped or poorly defined border.

C COLOR
Varied from one area to another; shades of tan and brown, black; sometimes white, red or blue.

D DIAMETER
While melanomas are usually greater than 6mm (the size of a pencil eraser) when diagnosed, they can be smaller.

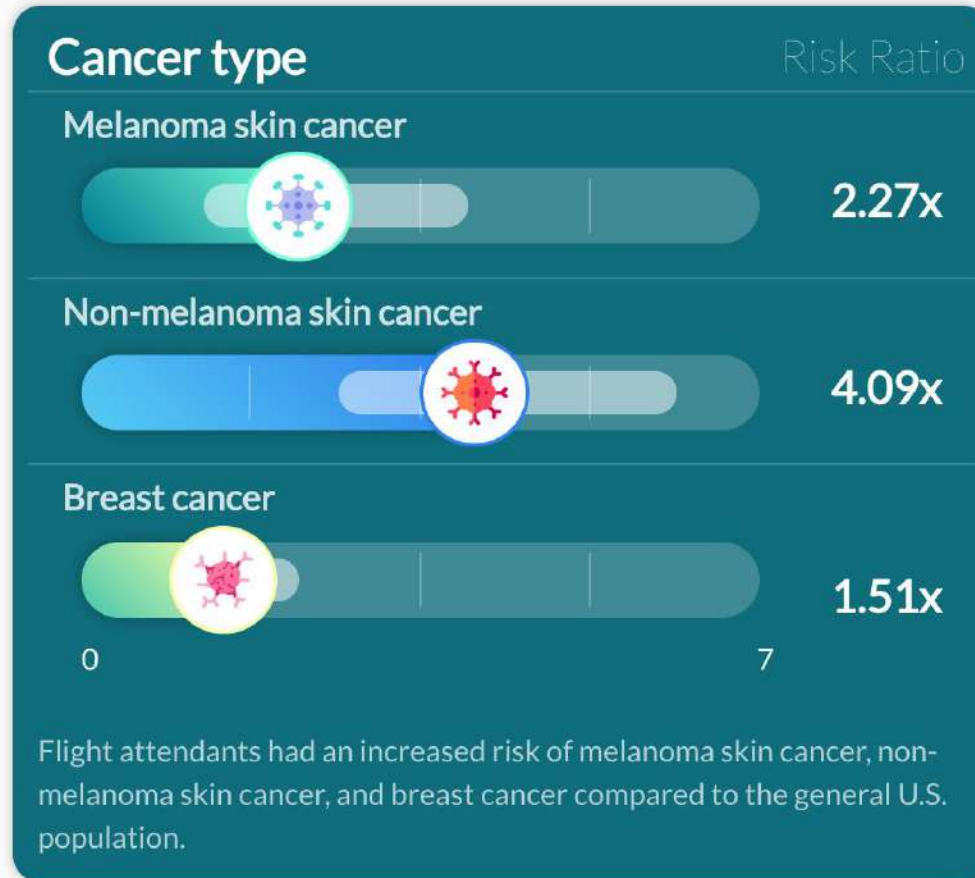
E EVOLVING
A mole or skin lesion that looks different from the rest or is changing size, shape or color.

EXAMPLE

Flying and Breast Cancer

Flight Attendants and Cancer

Results






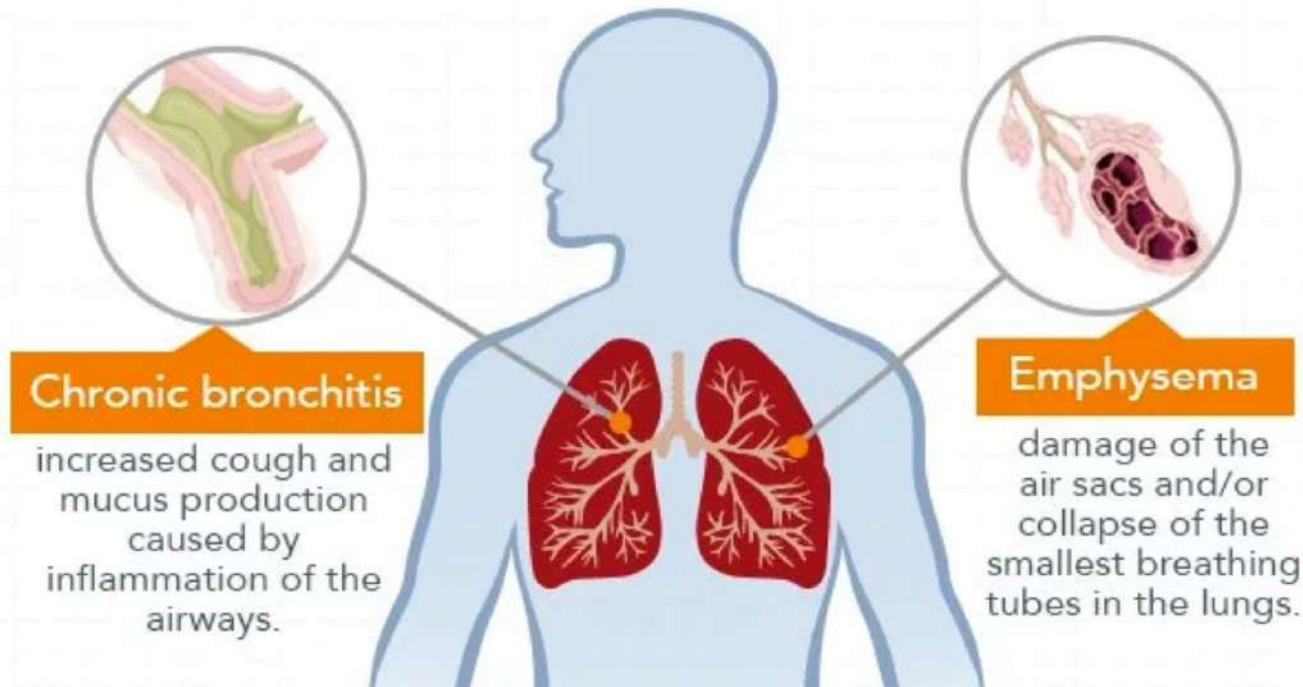
Clearvue Health

- Source: Cancer prevalence among flight attendants compared to the general population
- an increase in breast cancer risk among female flight attendants.
- risk of non-melanoma skin cancer doubled among flight attendants.

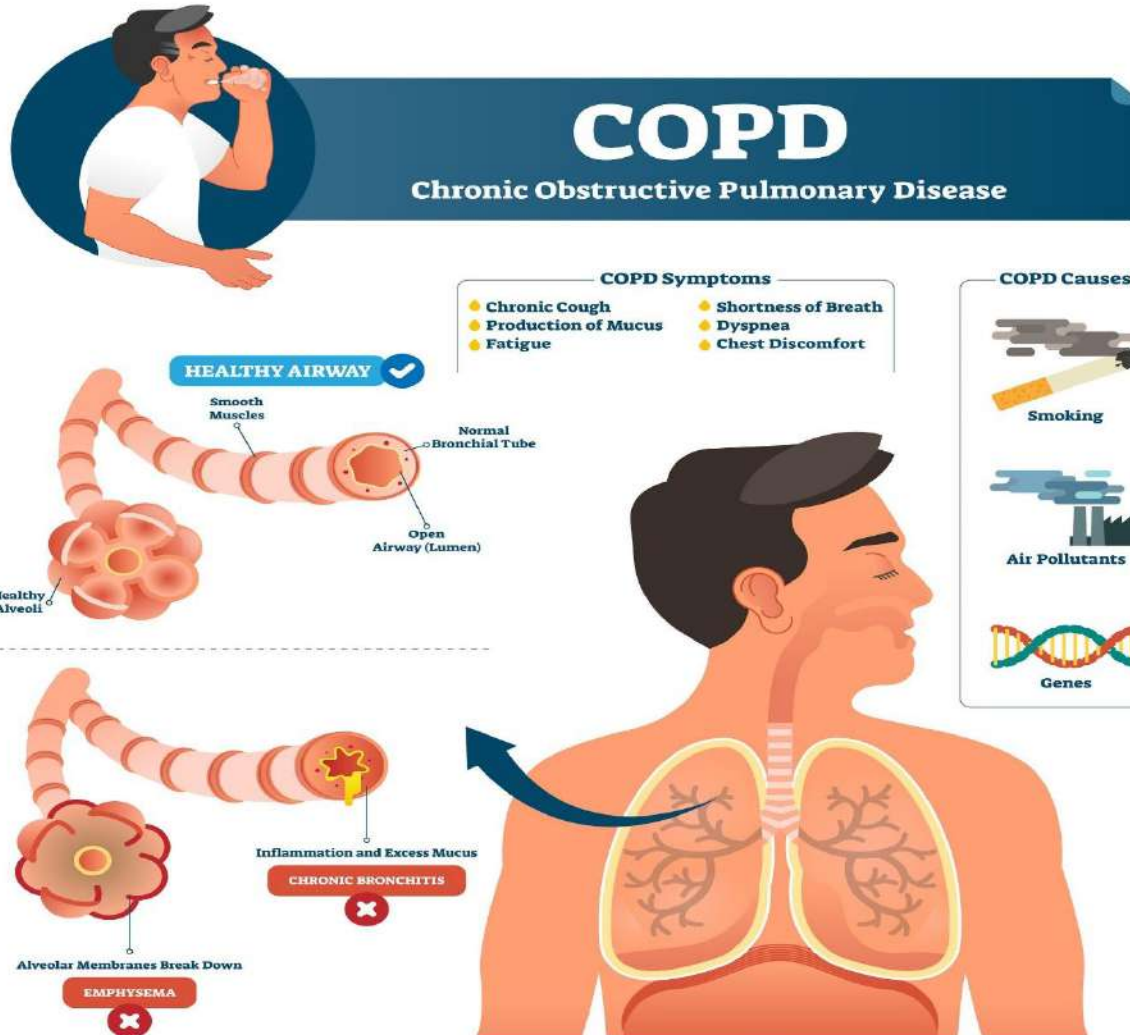
What is COPD

Chronic Obstructive Pulmonary Disease (COPD)

-  is a progressive lung disease, which makes it hard to get air into and out of the lungs. This makes it difficult and sometimes, painful, for people to breathe.³
-  If not addressed early, COPD symptoms may be worse, leading to increased burden on everyday activities and even death for patients.
-  It is composed of two lung problems:

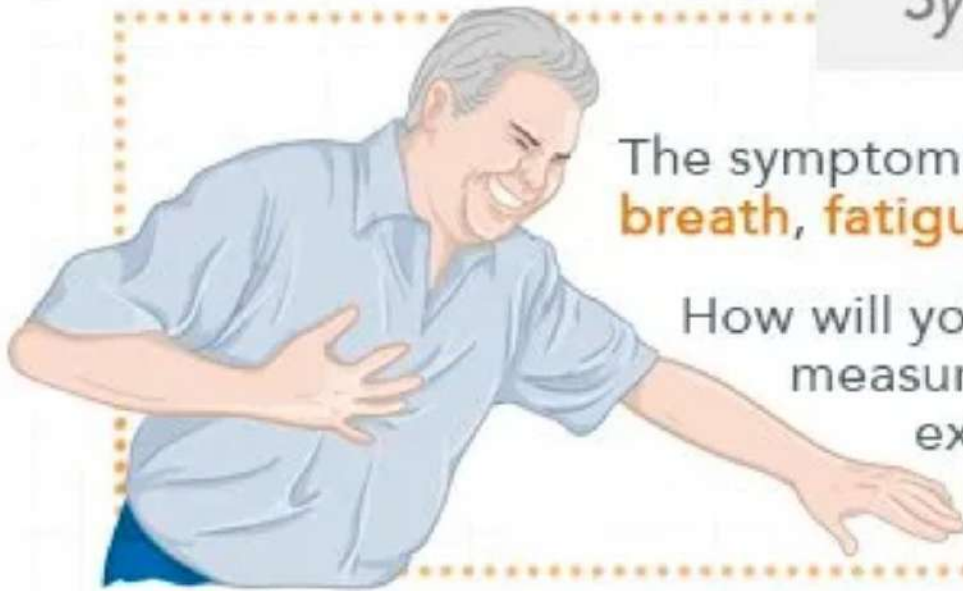


What is COPD



Symptoms of COPD

Symptoms




The symptoms of COPD include **shortness of breath, fatigue, wheezing** and **coughing**.³

How will you find out? **Spirometry**, a test that measures how much air one can inhale and exhale, can help determine if one has COPD.

Causes of COPD

Risk Factors

 **Cigarette smoking** causes 80% to 90% of COPD cases.³

 Habitual smoking can inflame the linings of lungs' airways and can make the airways lose their elastic quality.



Indoor air pollution from biomass cooking (i.e. firewood/charcoal) and outdoor pollution



Exposure to certain dust

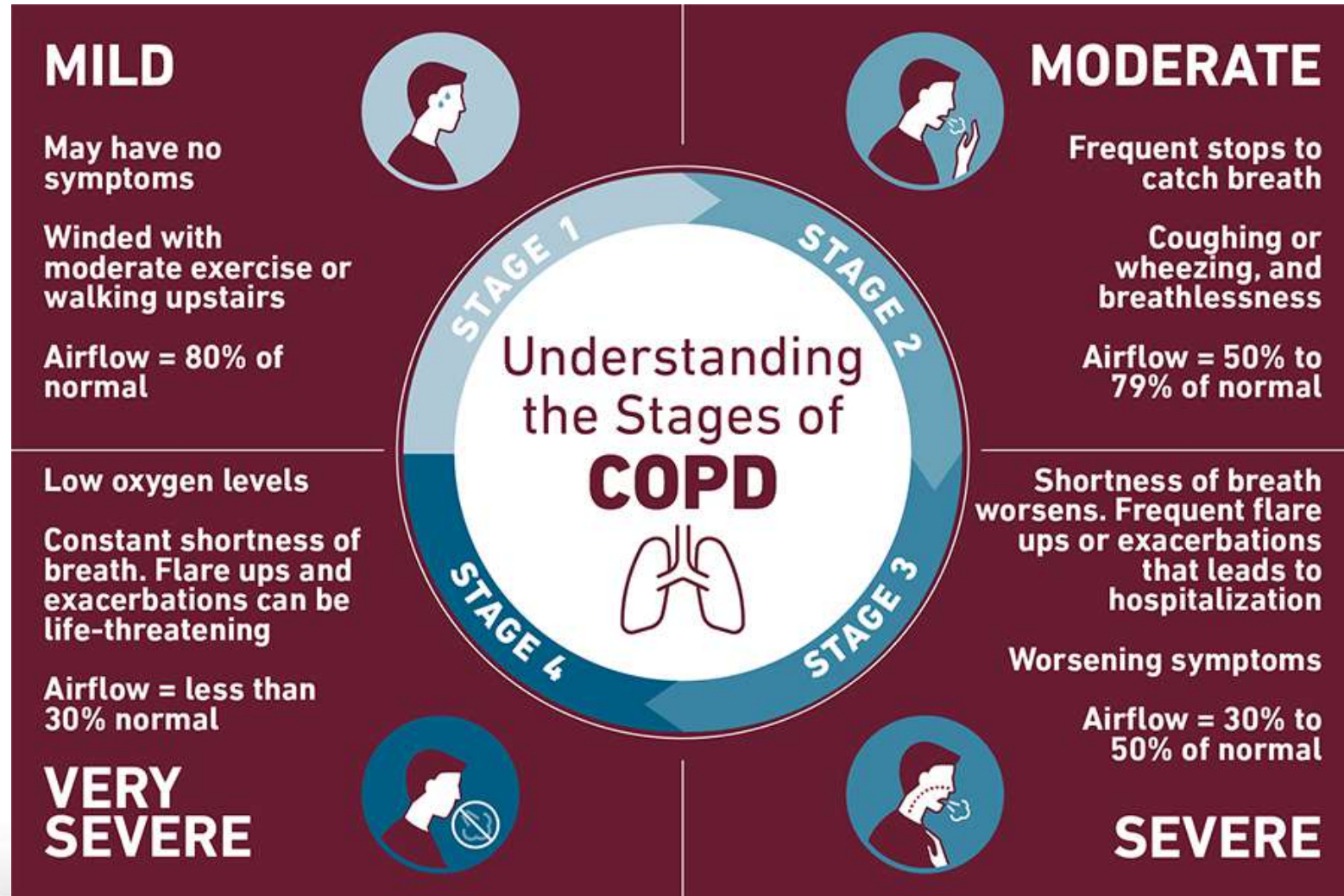


Chemicals in the workplace



Heating in poorly ventilated areas

Symptoms of COPD

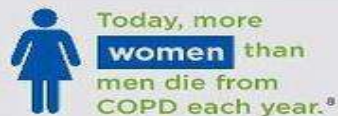


COPD Impact

The **IMPACT** of **COPD**

The 3rd Leading Cause of Death in the U.S.

With an estimated 12 million individuals who remain undiagnosed, **chronic obstructive pulmonary disease (COPD)** is prevalent, but preventable. Do you know the facts about this chronic lung condition and its impact on patients, their families and the nation?



COPD patients say **the disease limits:**



What you can do:

- Visit COPD.org for patient resources.
- Ask your doctor to use the COPD Alliance-endorsed Population Screener™ to assess your risk for COPD.
- If you're currently a smoker, talk to your doctor about a smoking cessation program.

There is no cure for COPD.

COPD Impact



COPD IS A GLOBAL HEALTH PROBLEM

According to the *Global Burden of Disease Study* by the *World Health Organization*, COPD may become the third leading cause of death worldwide by 2030.⁴



COPD also affects the economic and social aspects of an individual as it can limit him or her from doing extensive work.

COPD IN THE PHILIPPINES

-  COPD is **one of the 10 leading causes of death** in the Philippines.¹ It has a prevalence rate of 14% among Filipino adults aged 40 and above.⁵
-  Only 2% of the cases are diagnosed by doctors in contrast to the overall prevalence.⁶

Tissue Hypoxia – Low Oxygen

Suboptimal tissue oxygenation may be caused by Endogenous & Exogenous factors

As people age, their lung capacity and microcirculation of tissues and organs are usually reduced compared to healthy young children.

Aging



Many people unconsciously hold their breath when they are under stress, reducing the oxygen exchange at the lungs, which may compromise overall tissue oxygenation

Stress



Air pollution and carbon emissions lower oxygen levels in the atmosphere of highly polluted cities

Pollution



Tissue oxygen levels have been shown to diminish with age and with certain diseases such as:








- Diabetes
- COPD
- Smoker's Lungs
- Blood Disorders

Diseases

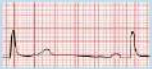




Symptoms of Hypoxia

Symptoms of Hypoxia

 <p>Restlessness.</p>	 <p>Headache.</p>	 <p>Confusion.</p>
 <p>Rapid Heart Rate (tachycardia).</p>	 <p>Rapid Breathing (tachypnea).</p>	
 <p>Anxiety.</p>	 <p>Difficulty breathing (dyspnea).</p>	

Symptoms of Severe Hypoxia

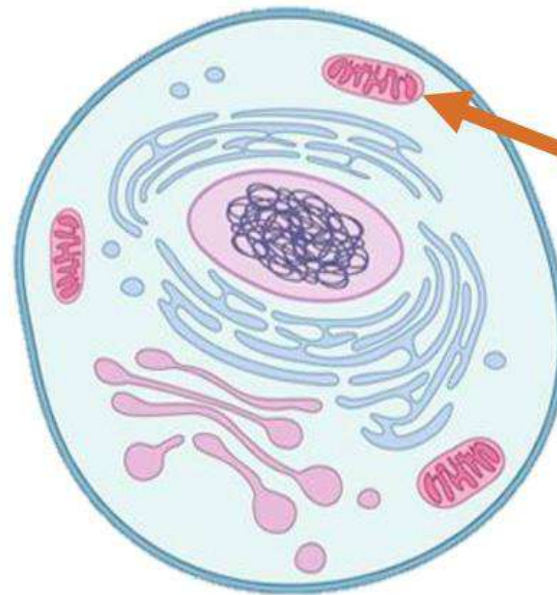
 <p>Slow heart rate.</p>	 <p>Extreme restlessness.</p>	 <p>Blue skin (cyanosis).</p>
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Importance of Oxygen to the Cell

Oxygen is closely related to the energy economics of a cell



**ATP – the energy
currency of the cell**



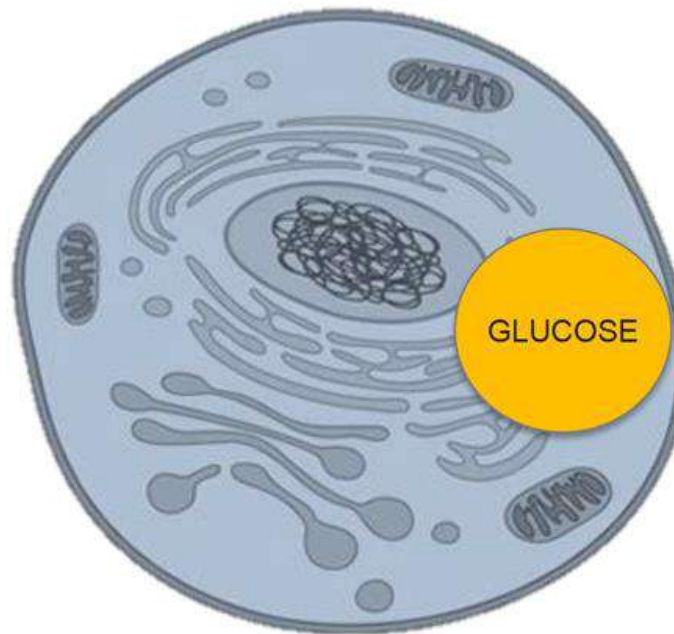
**Mitochondrion
- Super Power Generator**



Hypoxia

Energy production during low Oxygen levels

When a cell has insufficient oxygen
It uses anaerobic glycolysis to get energy



2 ATP
(Energy \$)

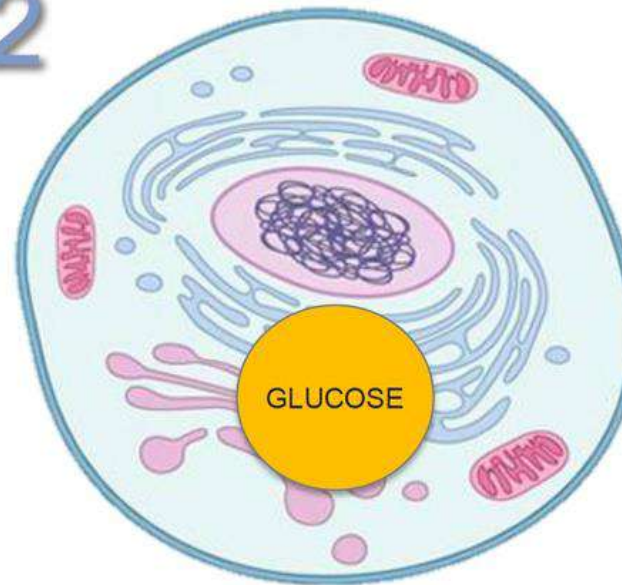


When a Cell has Oxygen to use

Energy production with Good Oxygenation

O₂

When a cell has access to oxygen It uses oxidative phosphorylation and electron transport chain to produce energy

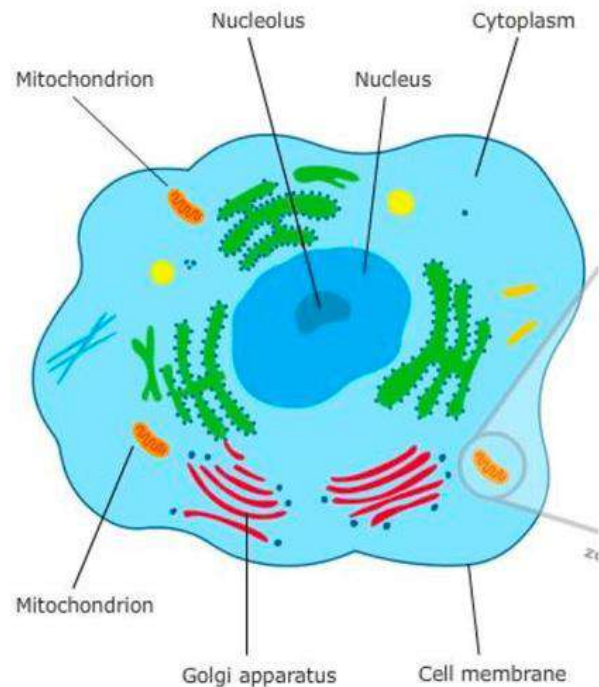


32 ATP

(Energy \$)



Cells need High Energy (ATP) for **oxytap™** many functions



- Carry out normal **CELL FUNCTIONS**
- **REPAIR** of cell after injury
- Keep the cell **YOUNG AND ALIVE**
- **FIGHT INFECTIONS**
- Remove **CANCEROUS** cells

Diagram source: University of Waikato

When Cell has No Oxygen to use



CELLS CAN TURN CANCEROUS IF DEPRIVED OF OXYGEN FOR LONG PERIODS

“All normal cells have a requirement for oxygen, but cancer cells can live without oxygen – a rule without exception.

Deprive a cell 35% of its oxygen for 48 hours and it may become cancerous.”

*Dr Otto H. Warburg
Biologist
Nobel Prize Winner in Medicine*

Current Method to Enhance Tissue Oxygenation

Hyperbaric Oxygen Therapy (HBOT)



HBOT Issues

TISSUE OXYGENATION IS HIGH WHILE INSIDE THE HYPERBARIC CHAMBER BUT DROPS QUICKLY UPON LEAVING CHAMBER

- Lack of portability
- Inability to maintain O₂ levels outside chamber
- Barotrauma
- Oxygen toxicity from superoxygenation

Figure Source : A N H Hodges, S Delaney, J M Lecomte, V J Lacroix, D L Montgomery. Effect of hyperbaric oxygen on oxygen uptake and measurements in the blood and tissues in a normobaric environment. *Br J Sports Med* 2003;37:516–520

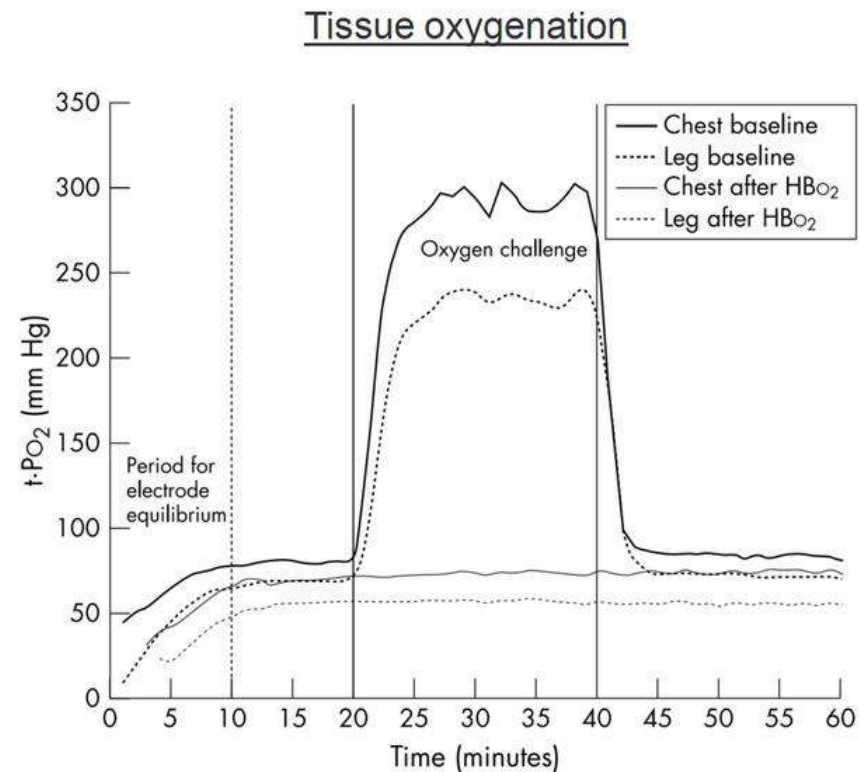
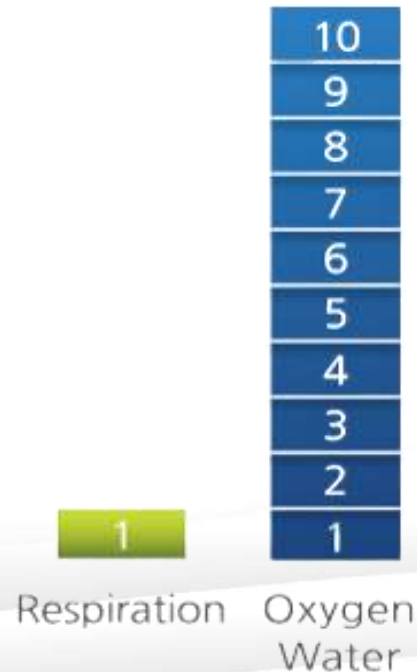


Figure 4 Chest and leg transcutaneous oxygen tension (tcPO₂) during the baseline and hyperbaric treatment (HBO₂) conditions versus time.

Oxygen Solution

Increase oxygen rate in blood vessel when drink 350ml of oxygenated water

To drink oxygenated water prevents and improves high blood pressure because it improves basic cause of increasing blood pressure and controls blood pressure within a normal range.



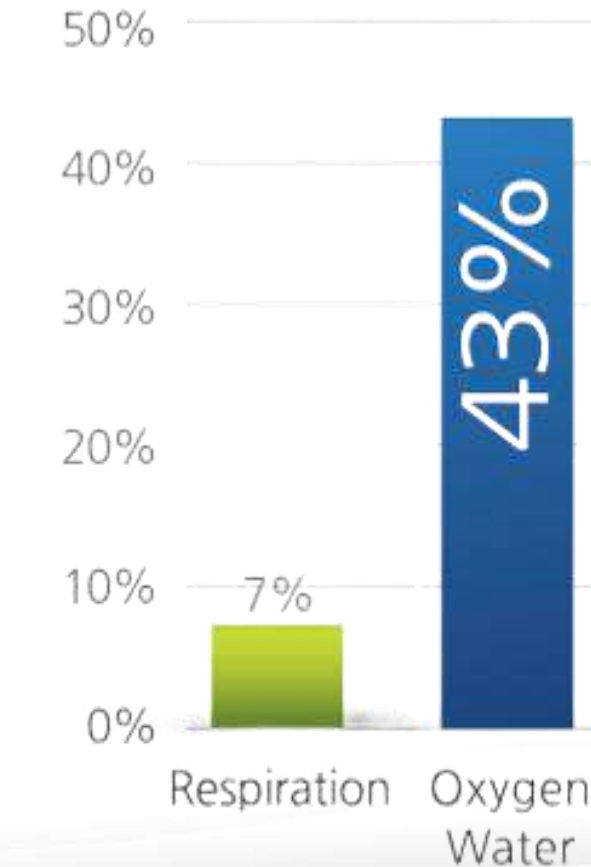
10 times
faster oxygen absorption in cell.

Taking oxygen from oxygenated water is absorbed into cell 10 times faster than breathing.

※ Dr. Zoital, Literary Review of oxygen therapy (June, 1992)

Oxygen Solution

(산소증기량)



6 times

higher oxygen absorption in liver.

Taking oxygen from oxygenated water is absorbed into cell 6 times faster than breathing.

※ Dr. Zoital. Literary Review of oxygen therapy (June, 1992)

Drinking Water has low Oxygen

Lack of Oxygen in Water

What Is Fresh Water?

- **Full of Dissolved Oxygen** between **8 –20 ppm**(parts per million) oxygen concentration in water.
- Oxygen dissolves in surface water due to the **aerating action of winds, waterfalls, fast moving streams etc.**
- as a by-product of **aquatic plant photosynthesis.**



Different Bottled Water Brands

Which is the Freshest?

- **Shelf life is 2 years** from date of manufacture.
- **Dissolved oxygen leaves the bottle** once bottled from source.
- After **8 -12 months** Dissolved oxygen in bottled water is **less than tap water**.
- Low Dissolved Oxygen in water makes the water **unhealthy and stale**.



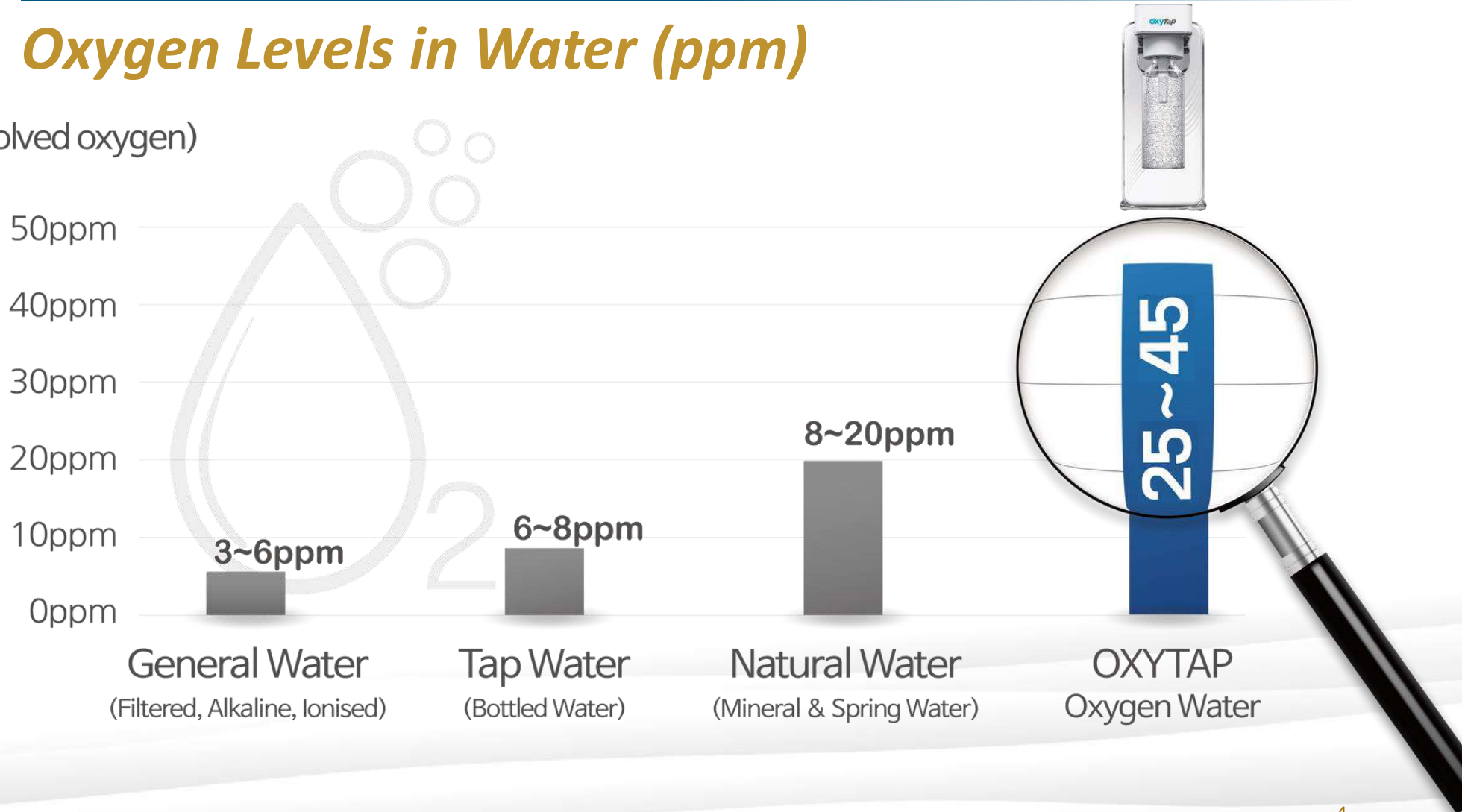
**None of
These**

Different Drinking Water Sources



Oxygen Levels in Water (ppm)

(Dissolved oxygen)



Evian Water's Freshness Level

Amount of Fresh Dissolved Oxygen

- **7.41 ppm** of dissolved oxygen left in water.



Fiji Water's Freshness Level

Amount of Fresh Dissolved Oxygen

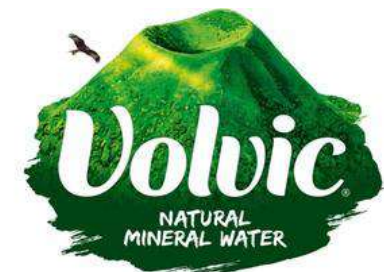
- **7.73 ppm** of dissolved oxygen left in water.



Volvic Water's Freshness Level

Amount of Fresh Dissolved Oxygen

- **8.01 ppm** of dissolved oxygen left in water.



Dasani Water's Freshness Level



Amount of Fresh Dissolved Oxygen

- **7.77 ppm** of dissolved oxygen left in water.



OxyTap Water's Freshness Level



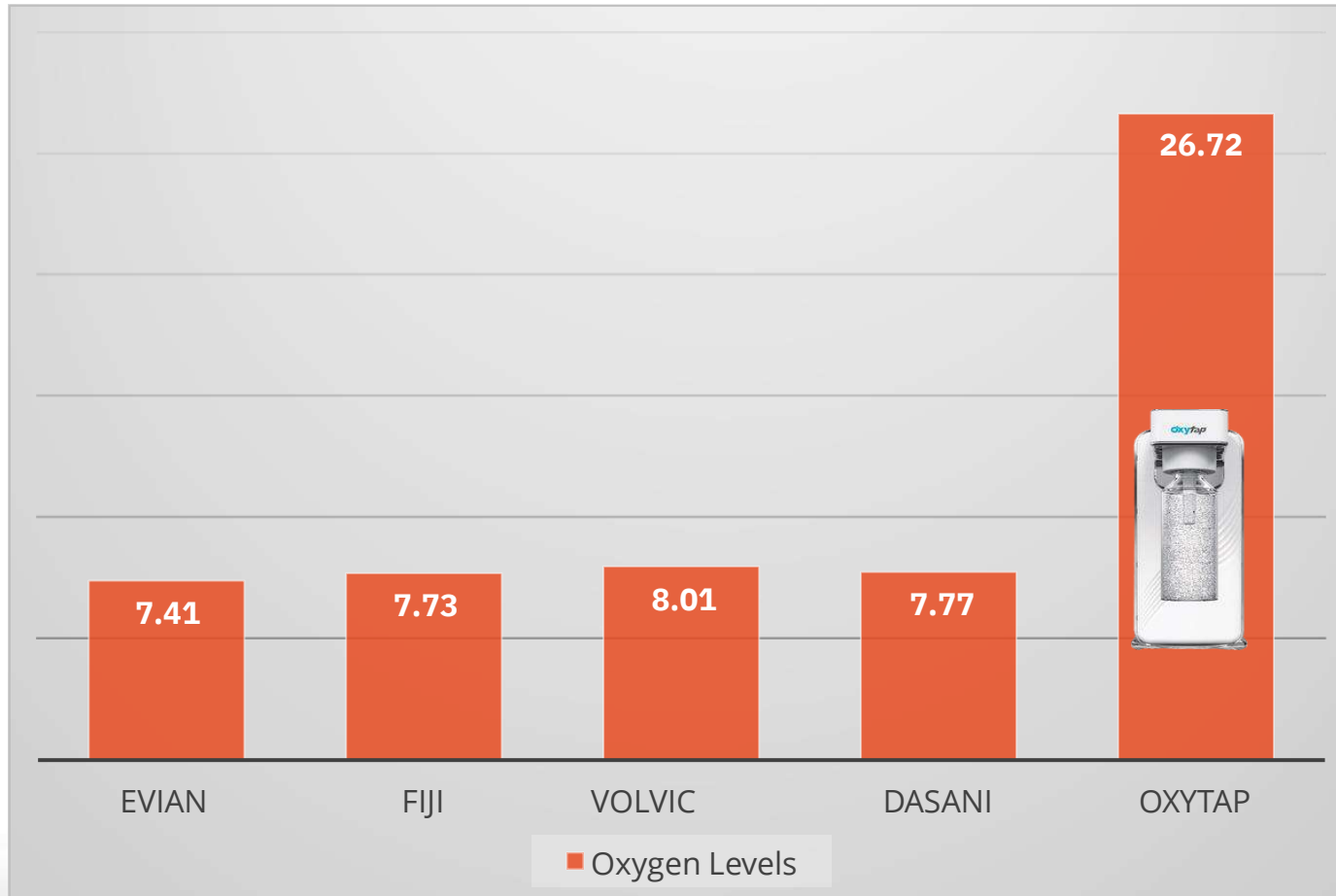
Amount of Fresh Dissolved Oxygen

- 26.72 ppm of dissolved oxygen after Brewing.



Bottled Water Freshness Level

Amount of Fresh Dissolved Oxygen



Solving The Oxygen Crisis With OXYTAP Supplement



THE WORLD'S FIRST
OXYGEN SUPPLEMENT INFUSER



ONE MACHINE.
ENDLESS HEALTH POSSIBILITIES.



REGENERATIVE O²



MULTIPLE APPLICATIONS



FACTORY IN A BOX



Bloomberg

THE STRAITS TIMES

NIKKEI XTECH



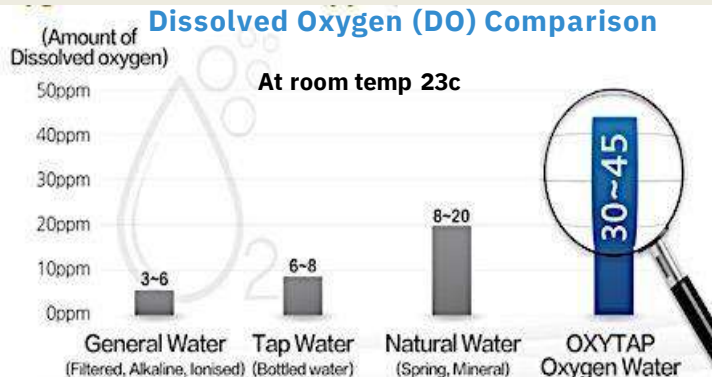
OxyTap's Core Dissolved Oxygen (DO) Technology Platform

What it Does?

- **Fast generator** of high oxygen in just 3 minutes of operation.
- **Self generates** pure oxygen from the supplied water.
- **Stabilises** high concentration of dissolved oxygen in water with its patented dual pump system



- **High Dissolved Oxygen** water, 30-45 ppm (tap water is 6.5 – 7 ppm).
- **Long lasting and Stable**, Oxygen stays high for 8 – 12 hrs and more than a week if kept cold.
- **Consistent High Oxygen** generated when given the same temperature and volume of water
- **Does not alter the structure** of the water.




At Body conditions (In-Vivo)
OxyTap can transfer **5x more Oxygen** versus any known method.

OxyTap's DO is >35.0 mg/L vs. Regular water's DO of 6.7 mg/L

**Only Oxygen Water
Supplement in the World
which has Real Results**

Drinking OxyTap increases blood oxygen by 5% in 15 Secs (SpO2 Levels)



Oxytap increases O2 levels in your body by drinking



80+ year old Lady drinks OxyTap Water



Oxytap increases O2 levels in your body by drinking



Initial reading 94.70%



Oxytap increases O2 levels in your body by drinking



After 15 sec of drinking OxyTap, Oxygen levels increase



Oxytap increases O2 levels in your body by drinking



98.76%



Oxytap increases O2 levels in your body by drinking



99.71%



Oxytap increases O2 levels in your body by drinking



99.73%



Long Covid Leg Numbness and Loss of Strength of right leg for 3 years Restored



Testimonials from Our Happy Customers

“

“See this? It’s Amazing!”

Jackie

Loss of Strength in Right Leg for 3 Years after COVID-19 recovery

★★★★★

PAIN SUCCESSFULLY RELIEVED

BOOK NOW!

Shoulder Pain Relived in 10 Seconds

Testimonials from Our Happy Customers

“Yeah it feels... lighter, yeah exactly!”

IFA BERLIN 2023 ATTENDEE

Bad Shoulder pain. 8/10 Pain Scale

★★★★★

PAIN SUCCESSFULLY RELIEVED

[BOOK NOW!](#)

Testimonials from Our Happy Customers

“Yeah it works!”

IFA BERLIN 2023 ATTENDEE

Chronic Neck Pain for 8 Years

★★★★★

PAIN SUCCESSFULLY RELIEVED

[BOOK NOW!](#)

Testimonials from Our Happy Customers

“Yeah it works, it definitely works!”

IFA BERLIN 2023 ATTENDEE

Bad Shoulder pain. 8/10 Pain Scale

★★★★★

PAIN SUCCESSFULLY RELIEVED

[BOOK NOW!](#)

90 yo elderly high blood pressure normalises after a week of drinking



Testimonials from Our Happy Customers

“Thank you so much, really have to thank this boss for his work”

80+ Year Old Senior Citizen

Dizzy spells and headache due to High Blood Pressure

★★★★★

PAIN SUCCESSFULLY RELIEVED

BOOK NOW!

Longevity and Wellness Expert experienced O2 increase in CES 2024



Inc Magazine interview in CES 2024



1st Oral Oxygen Therapy (OOT) Experiment Test Setup (TcpO₂) – At A Medical Hyperbaric Center

- 1 The FDA approved TCM400 is a non-invasive and continuous transcutaneous monitoring of the oxygen supply of the tissue (oxygenation/microcirculation).
Multi-channel monitor for simultaneous display of up to max. 6 measurement channels (can be retrofit) Touchscreen Fast calibration of all activated electrodes with one press of a button and within 2 to 3 minutes Sensor temperature range from 37 to 45 °C Sensors with very high measuring accuracy and low drift Sensors react very quickly during the measurement,

TCM400 for TcpO₂

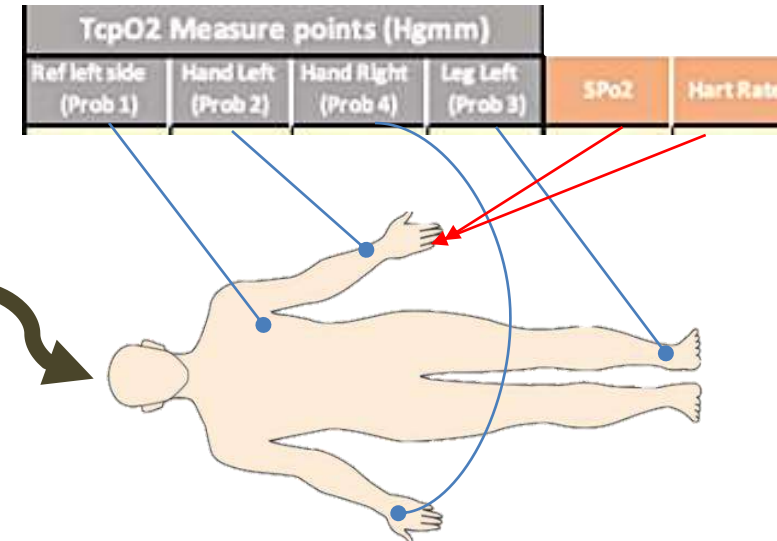


- 2 A finger mounted SpO₂ with a Heart Rate monitor

TCM400 for TcpO₂



- 3 OxyTap system



1st OOT Test Results – Up To 48% TcpO₂ boost Within 27min (SpO₂ to 100%)

All instrument operation, setup and probe harnessing where executed by an experience nurse.

Cycle Type	Drink	Cycle Duration	TcpO2 Measure points (Hgmm)				SpO2	Hart Rate	Measure Time
			Ref left side (Prob 1)	Hand Left (Prob 2)	Hand Right (Prob 4)	Leg Left (Prob 3)			
Baseline	No water	10 min.	58	47	48	68	98	60	10:47 - 10:57
Drink source water (1st)	200 ml	10 min.	56	52	54	69	98	61	10:57 - 11:07
Drink Source water (2nd)	200 ml	10 min.	54	50	54	66	98	64	11:07 - 11:17
			60	52	54	66			11:16
Base Source Water Boost % (20min) vs. Baseline			-6.9%	6.4%	12.5%	-2.9%	0.0%	6.7%	
Drink OxyBoost water (1st)	200 ml	10 min.	63	52	57	66	98	60	11:17 - 11:27
			63	52	56	65			11:23
Drink OxyBoost water (2nd)	200 ml	10 min.	67	53	59	65	99	59	11:27 - 11:38
			73	56	60	66			11:30
Drink OxyBoost water (3rd)	500 ml	5 min - Till P...	70	55	62	70	100	64	11:40
			69	55	60	70	99	63	11:42
			77	57	64	72	100	72	11:44
			80	59	66	73	100	71	11:45
		Average last 5 min	74.00	56.50	63.00	71.25	99.75	67.50	
OxyBoost Boost % (20min) vs. Regular water			24.1%	6.0%	9.3%	-1.5%	1.0%	-7.8%	
OxyBoost Boost % (27min) vs. Regular water			48.1%	18.0%	22.2%	10.6%	1.0%	10.9%	

TcpO2 at escalating trend – Yet test stopped as tester had to pee after 1.1 Liter of cold-water drinking ... most likely also causing increased hart rate ☹️



Base Line
30 min
Drink OxyTap
27min

48.1% 18.0% 22.2% 10.6%

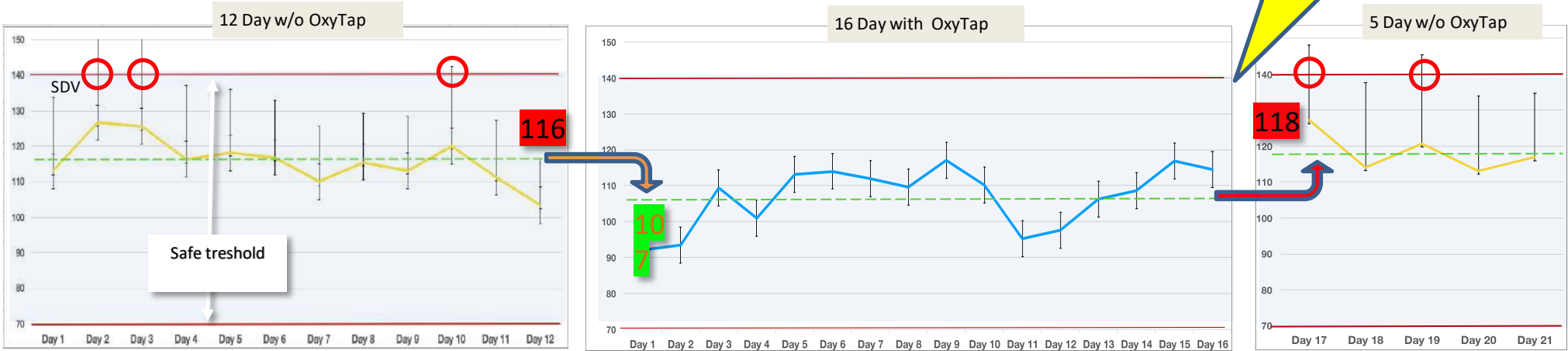
Oxygen Water effects in Diabetes



Male age 70 with Type 1.5 Diabetics (under strict diet and min supporting medication)

Drinking OxyTap for 16 days vs. 17 days as reference w/o OxyTap (Total 33 days of mesure)

OxyTap not generating O2.
User was not aware



Glucose mg/dL

Blood Sugar Classification	Fasting Blood Sugar Levels	Post Meal Blood Sugar Levels
Normal	70-100 mg/dL	70-140 mg/dL
Prediabetes	101-125 mg/dL	141-200 mg/dL
Diabetes	125 mg/dL and above	200 mg/dL and above

	Daily Avg. Glucose	Avg. Daily Sdv
12 Day w/o OxyTap summary	116	18
16 Day with OxyTap summary	107	16
5 Days w/o OxyTap Summary	118	17
Improvement:	10%	11%

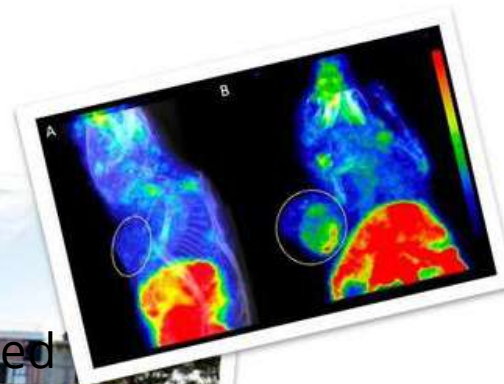
Days exceeding 140 w/o OxyTap	5 out of 17	29%
Days exceeding 140 with OxyTap	0 out of 16	0%

Oxygen Water effects in cancer cells



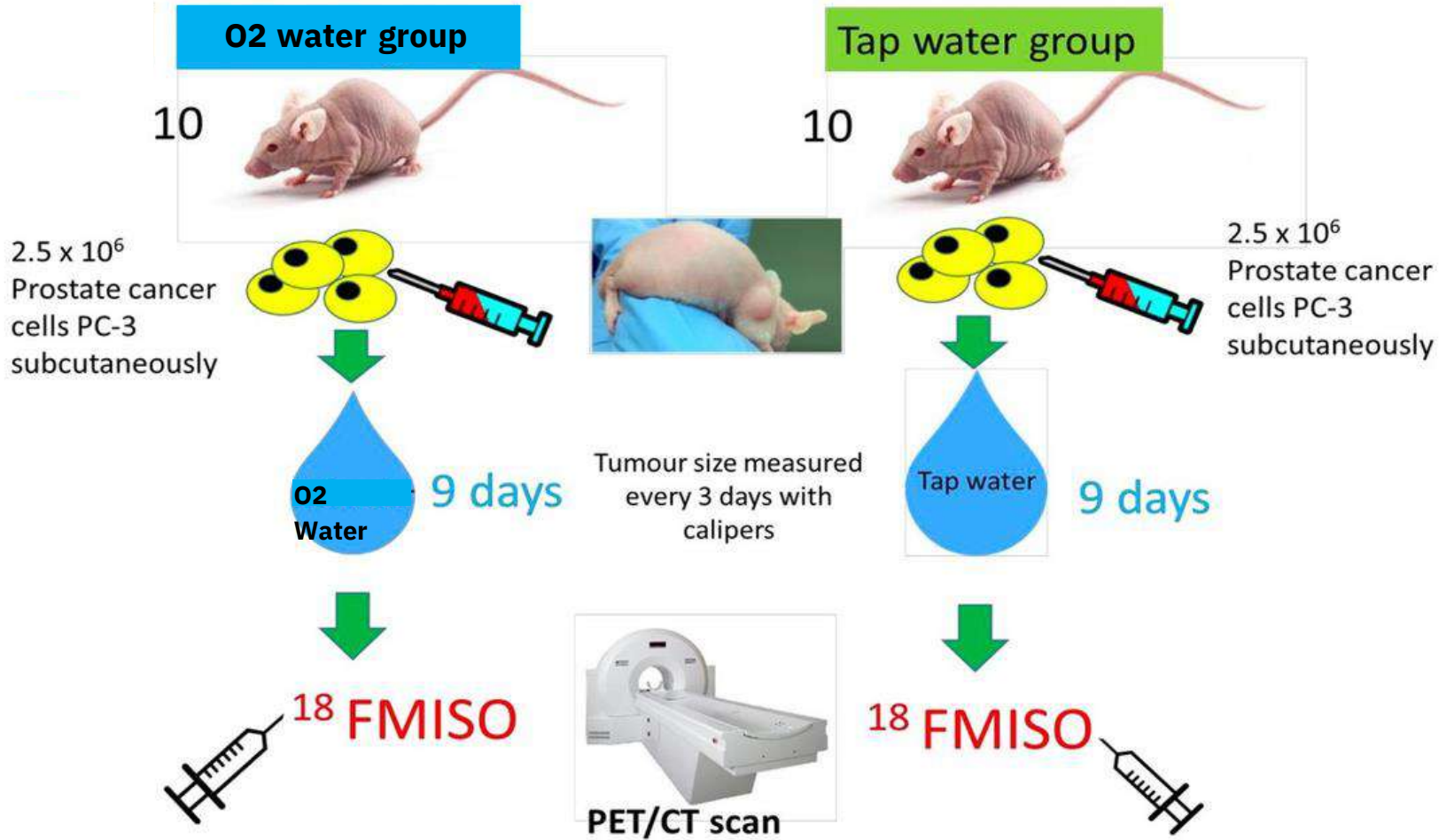
Effects of Oxygen Water on Cancer

AUSTRALIA – MELBOURNE Mouse Study



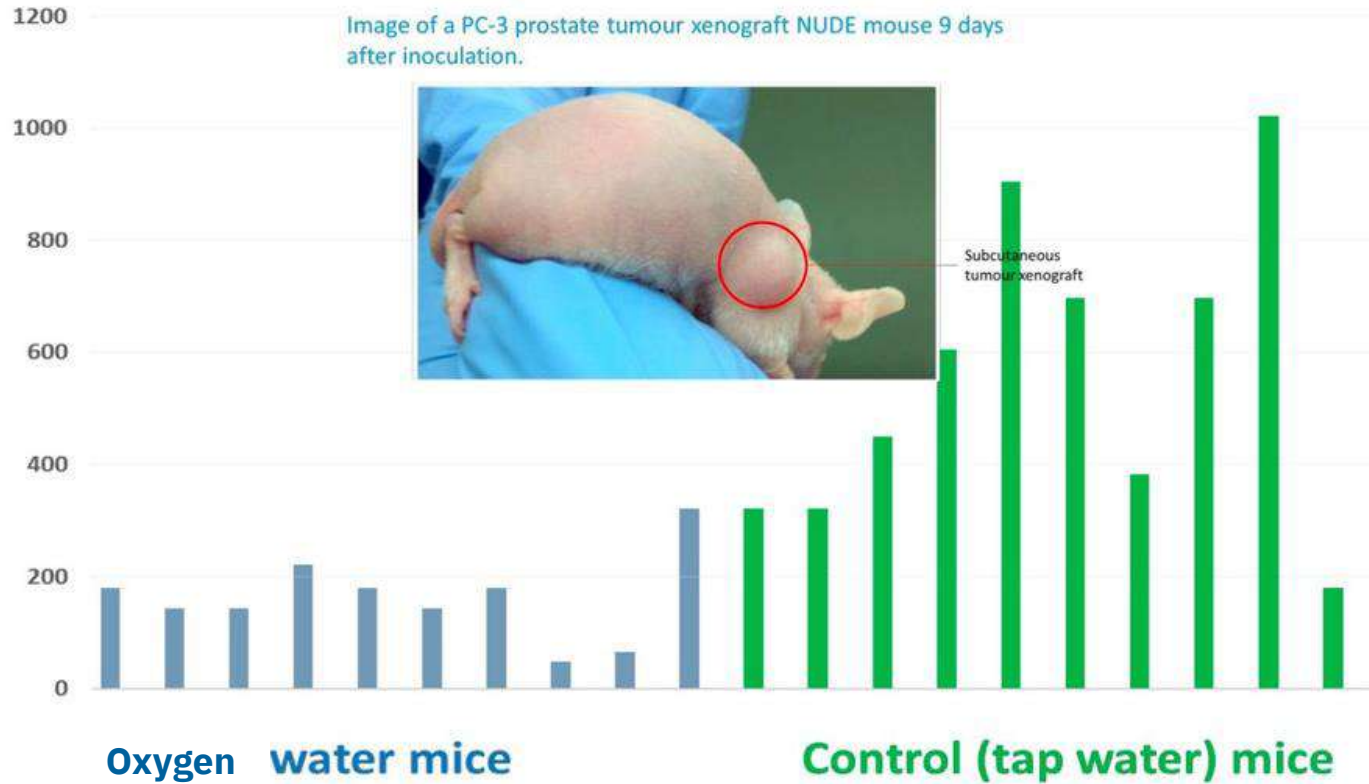
MONASH University

The Effects of **Oxygenated** Water on Tumour Hypoxia
and Tumour Growth in a Mouse Tumour Xenograft

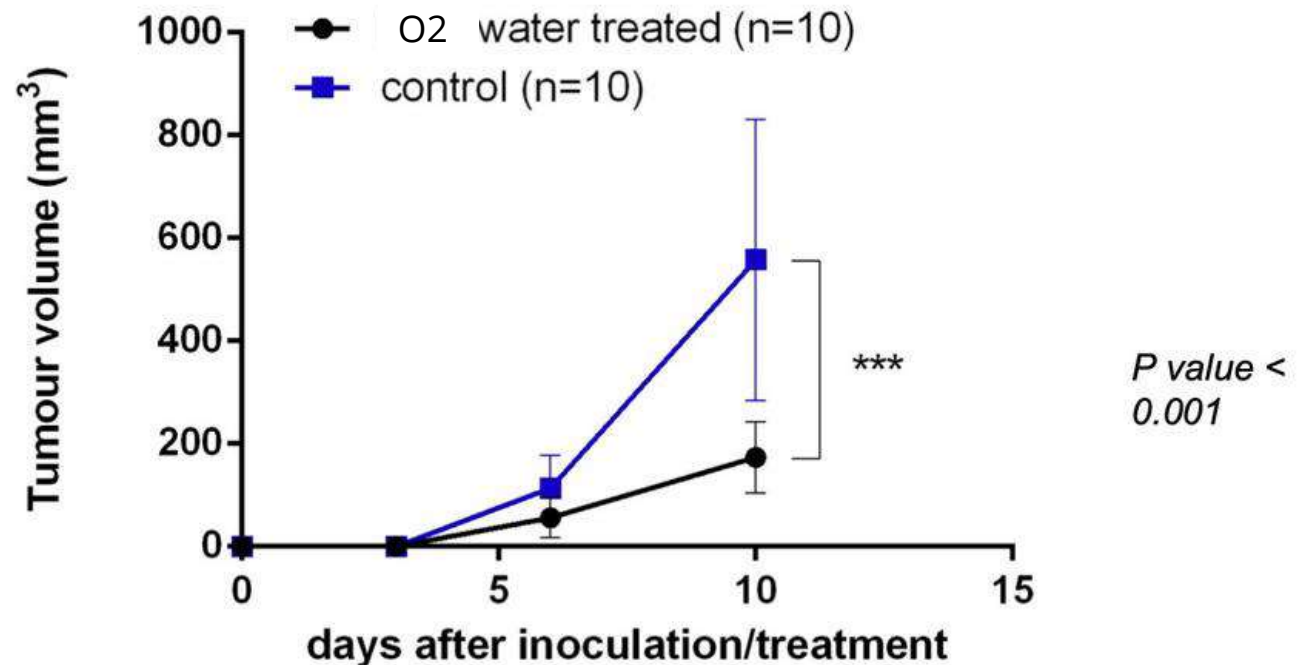


Comparing final tumour size between O₂ and control mouse groups (Day 9 after inoculation)

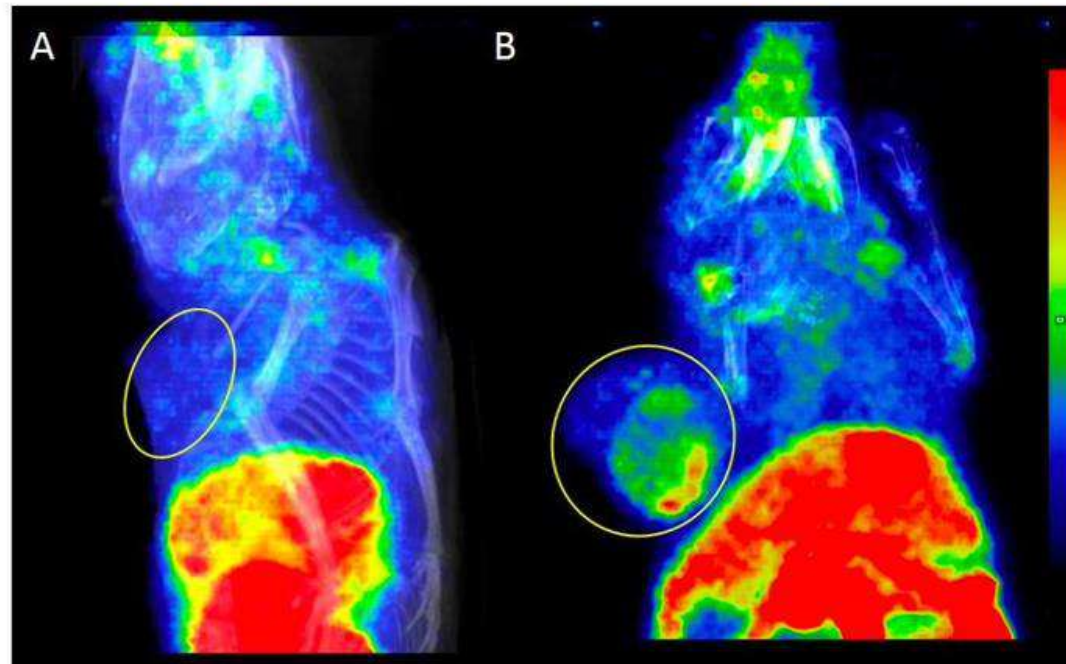
Tumour Volume at 9 days post tumour graft (mm³)



Tumour Growth for the 2 Groups of Mice

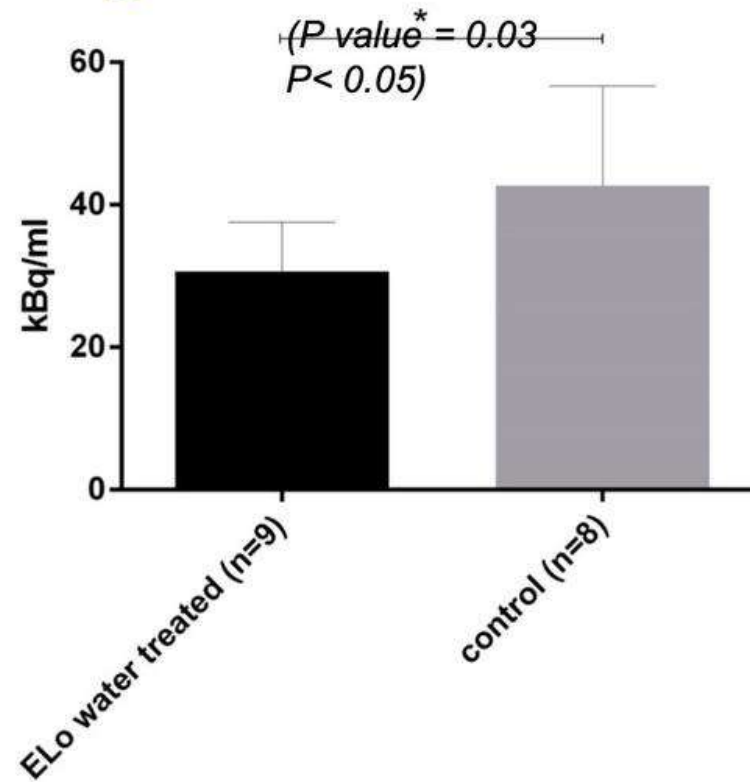


Maximum-Intensity Projections



Small-animal PET imaging of PC-3 bearing xenograft animals 9-10 days after tumour inoculation and 2 h post tracer injection of A) O_2 water treated and B) control group. Shown are the maximum-intensity projections (MIPs). The colour scale for all PET image data shows radiotracer uptake with red corresponding to the highest activity and blue to the lowest activity.

Tumour Hypoxia Signals between **o2** and Control



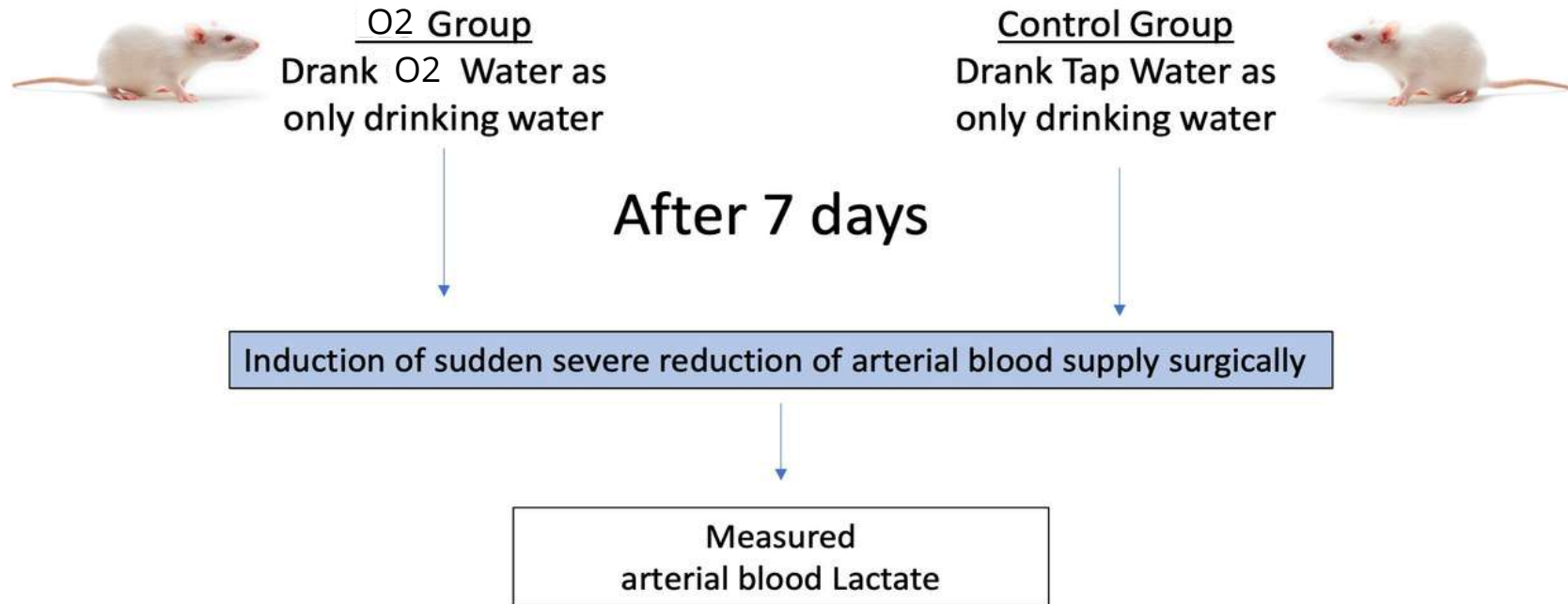
Oxygen Water effects in Severe Blood Loss



Current Method to Enhance Tissue Oxygenation

Rat Study:

Effect of **O₂** Water on lactic acid response during suddenly reduction of blood supply

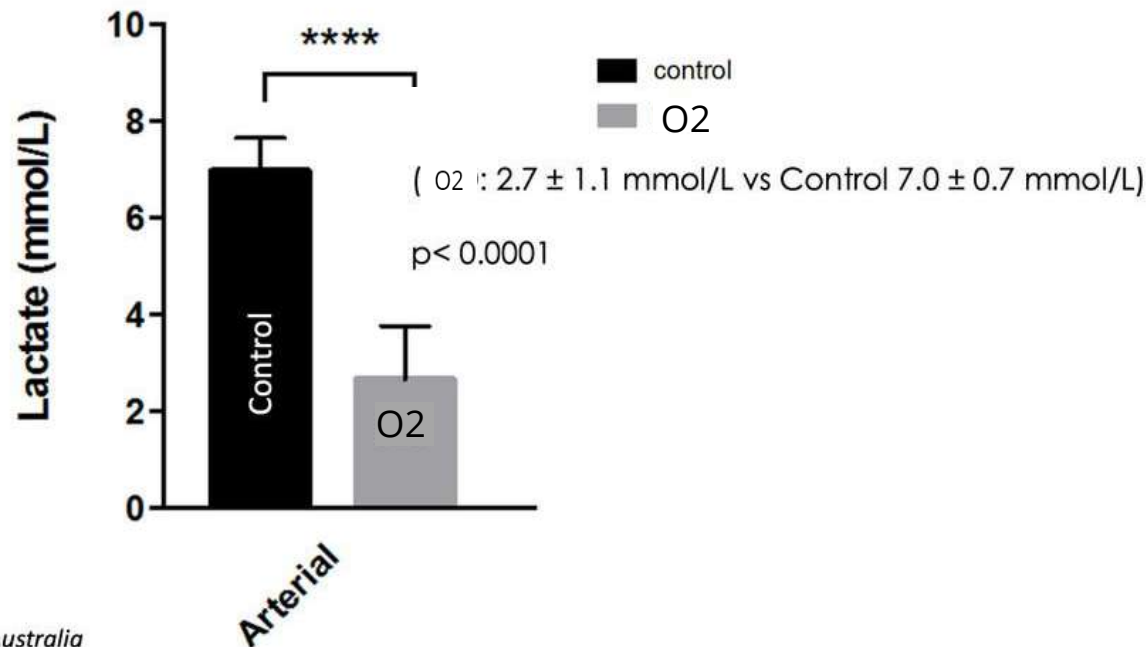


Current Method to Enhance Tissue Oxygenation



Rats that drank **O2** Water showed reduced blood lactic acid response after sudden severe blood loss

Arterial Blood Lactate levels



Source: Monash University, Australia



Potential OXYTAP Applications

*Benefits of OxyTap
Water Supplements*



Bar and Lounge (Relief for Hangovers & Headaches)

The cause of hangover is 'acetaldehyde'. It takes oxygen to break it down.

- Too much drinking will result in the body producing '**acetaldehyde**.'
- When the body is unable to process the amount of **acetaldehyde** that accumulates, it will buildup in the liver. A hangover is sustained due to '**acetaldehyde**' that has not been decomposed.
- Drinking oxygen water can facilitate in the decomposition of '**acetaldehyde**', which can help relieve hangovers.



Sports, Gyms, Children Activity centres (Improves Sports and aids recovery)



The more oxygen you're using, the more oxygen you get. It has a tremendous impact.

A Study on the U.S. National Swimming Team

Dr. Van Hurst, Dr. Steven Roche, August 1997.

In multi-faceted studies, oxygen water improves the effects of exercise and increases endurance.

The lactic acid which is produced during intense exercise making you sore and tired

after exercising is reduced.

(USA Today)



Schools, Offices & Gaming Resorts (Increases Alertness & Energy Levels)



Extra oxygen is consumed by the brain when you are concentrating. Consumes 20-30% more.

Psychological Journal of the Institute of Human Recognition Neuroscience, University of Northumbria, England

The brain is the place that needs oxygen the most. Using your head consumes a lot of oxygen.

When you're focused, your breathing rate is relatively low, so oxygen intake is absolutely critical. The more you focus the more oxygen you need.



Beauty, Wellness & Health Spas (Improves Cellular Skin Regeneration)



The Root Cause of frequent skin disease is the lack of oxygen (Hypoxia).

Professor BARNIKOL, Director of Clinical Physiology at WITTEN/HERDECKE University

When Cells lack oxygen, they lack the metabolic energy for tissue regeneration.

Wounds can only regenerate normal skin at an enormous energetic and metabolic expense.

So an increase of oxygen is needed internally or externally to facilitate the healing.



For Beautiful Skin

Oxygen Promotes Cellular Skin Health

- Accelerates Healing
- Slows aging
- Reduces lines and wrinkles
- Promotes beautiful skin
- Increases moisture to skin
- Clarifies Skin



For Weight Loss

Oxygen increases circulation and speeds up your metabolism.

- Increased metabolism burns more calories
- Drinking more oxygen water before meals curbs appetite
- Helps removes waste from your body
- Replaces sugary drinks
- Drinking more oxygen water is necessary for fat burning
- Oxygen water aids digestion



Prevents Pain & Disease

All chronic pain and disease cause cell damage. Because there is a lack of oxygen supply.

Medical Doctor Arthur C. Guyton

Our body lacks oxygen due to air pollution, smoking, overwork, and stress.

Unrecognized Oxygen deficiency gives rise to Hypoxia which is directly and indirectly related to disease.

Being able to treat and prevent Hypoxia, prevents pain and disease.



Q&A



Thank you for your attention



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