

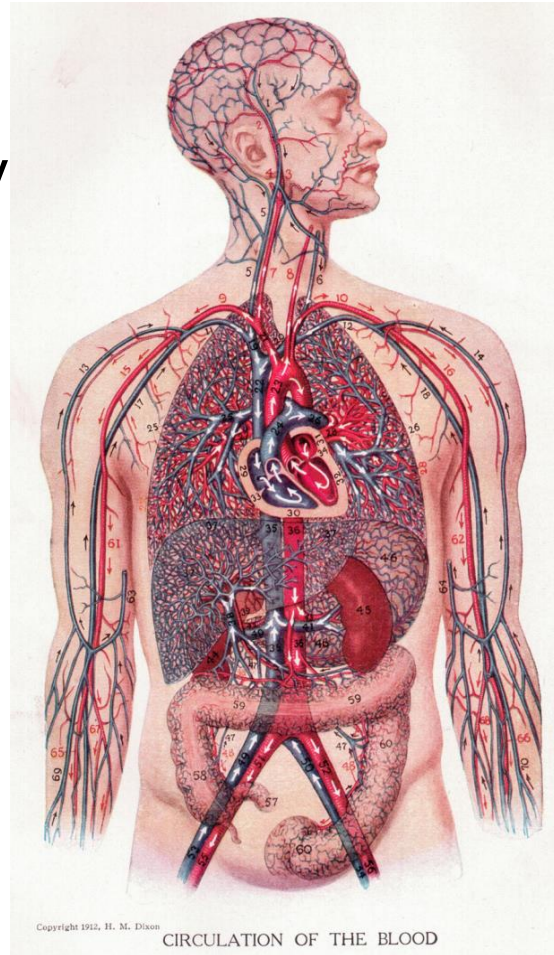


**Kaqun Oxygenated Water
Therapy
to Augment HBOT**
Sandor Kulin, MD

PHYSIOLOGICAL OXYGEN LEVELS IN THE HUMAN BODY

Blood

Oxygen level is measured by
Pulse Oxymeter



Tissue

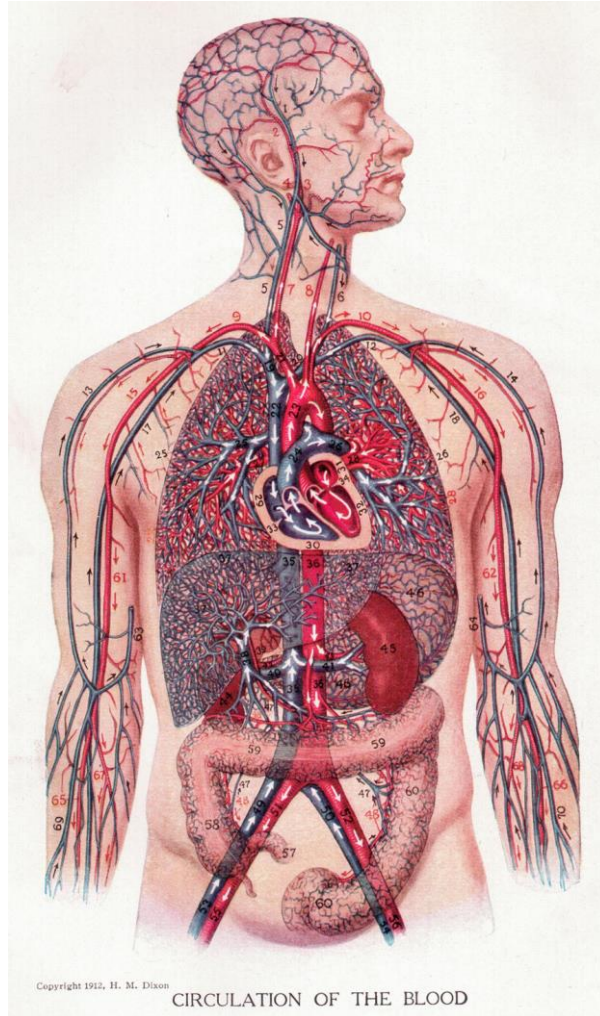
Oxygen level is measured by:
Transcutaneous Tissue
Oxygen
Partial Pressure Meter



PHYSIOLOGICAL OXYGEN LEVELS IN THE HUMAN BODY

Blood:

- Constant throughout life
- Arterial: 103 Hgmm
- Venous: 40 Hgmm



Tissues:

- Declining with age
- 96 Hgmm at young age
- Below 60 Hgmm for seniors
- Varies at different organs
- Lower at chronic inflammation sites
- Lowest at cancer sites

DECLINING
TISSUE
OXYGEN
LEVELS WITH
AGING
AFFECTS:

Physical energy

Cognitive speed and mental clarity

Reproduction and endocrine health

Tissue repair and ability to heal

Vulnerability to chronic diseases and cancer

HYPOXIA IN THE BODY

Occurs even in case of adequate respiration

Occurs without the symptoms of being suffocated

Could be local or general

Could affect organs or parts of the body even with normal blood supply

Cannot be normalized by normal or forced ventilation



HYPOXIA IN THE BODY

In almost all chronic conditions and diseases cellular hypoxia is a causative, contributing or an aggravating factor

Diabetic patients have 10-15% lower tissue oxygen than non diabetics

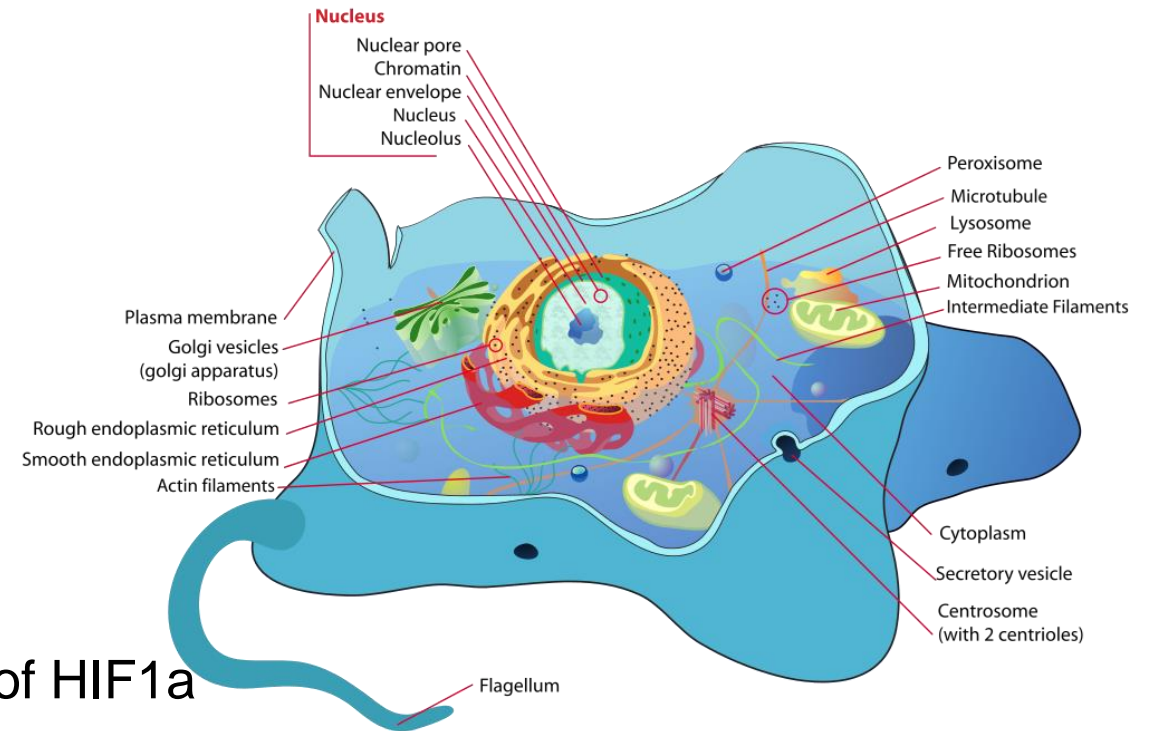
Cancer patients at cancer sites have major hypoxia

Success of therapies and quality of life greatly depends on tissue oxygen levels



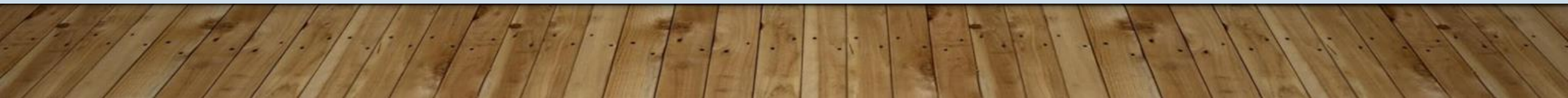
CONSEQUENCES OF HYPOXIA AT CELLULAR LEVEL

- Reduced energy level
- Acidosis
- Swelling of the cell
- Reduced protein synthesis
- Loss of function
- Increased toxin build-up
- Increased oxidative stress
- Modified gene expressions through the action of HIF1a



KAQUN IS A SOURCE OF OXYGEN TO REVEAL HYPOXIA

- KAQUN drinking water has oxygen partial pressure > 180 Hgmm
 - Higher than human tissues, higher than blood
 - Raises measurably tissue oxygen level in the whole body
 - Effect lasts up to 2 hours per glass - which is unique among all forms of oxygen therapies (enhances & prolongs HBOT)
- KAQUN water for soaking has partial pressure of oxygen > 140 Hgmm
 - Still higher than tissues and blood
 - Oxygen absorbs through skin without difficulties



KAQUN

WATER AND MORE

Prolong the effect of the HB Chamber



Sustain the effect of the HB Chamber

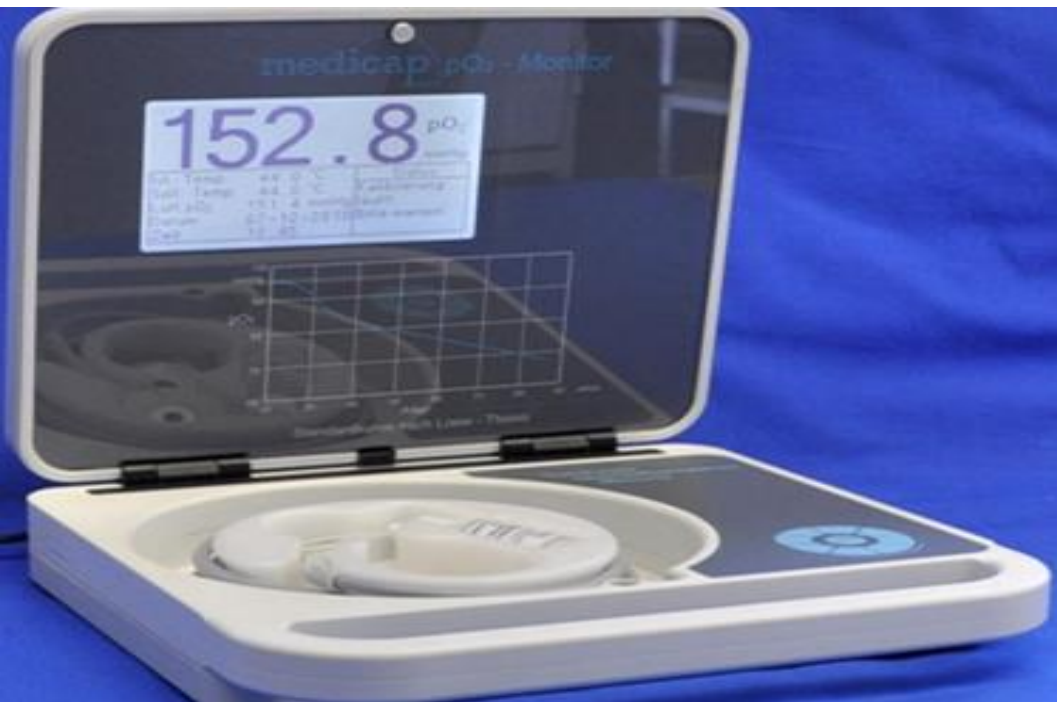


Kaqun creates no chance of oxygen toxicity



Circa 47% enhancement of HBOT alone



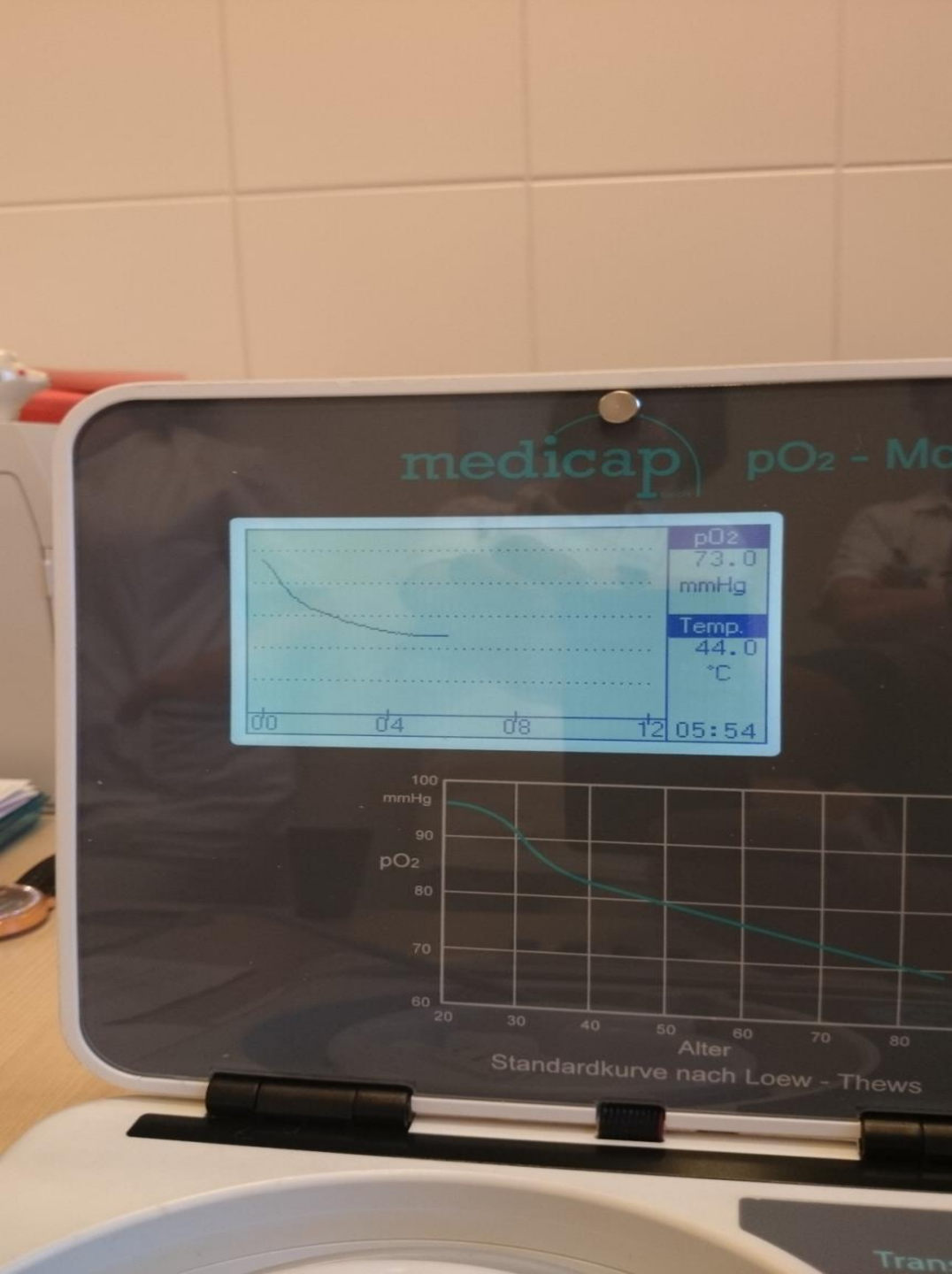


The liquid Oxygen cluster is absorbed through the gut or through the skin and diffuses to all hypoxic cells even where there is no satisfactory circulation

This is the only form of Oxygen which pools in the tissues

Values and changes of tissue oxygenation can objectively be monitored by Transcutaneous Partial Oxygen Pressure meter (TcpO₂)

With normal Oxygenation and cellular energy production the body's self healing mechanism can be significantly enhanced



Baseline measurement Melanoma
Malignum stage 4 patient, 52 y.o.

Result: 73 pO₂ mmHg
Measuring time: 05:54mins

Physiological value would be 78
pO₂ mmHg (age dependent)

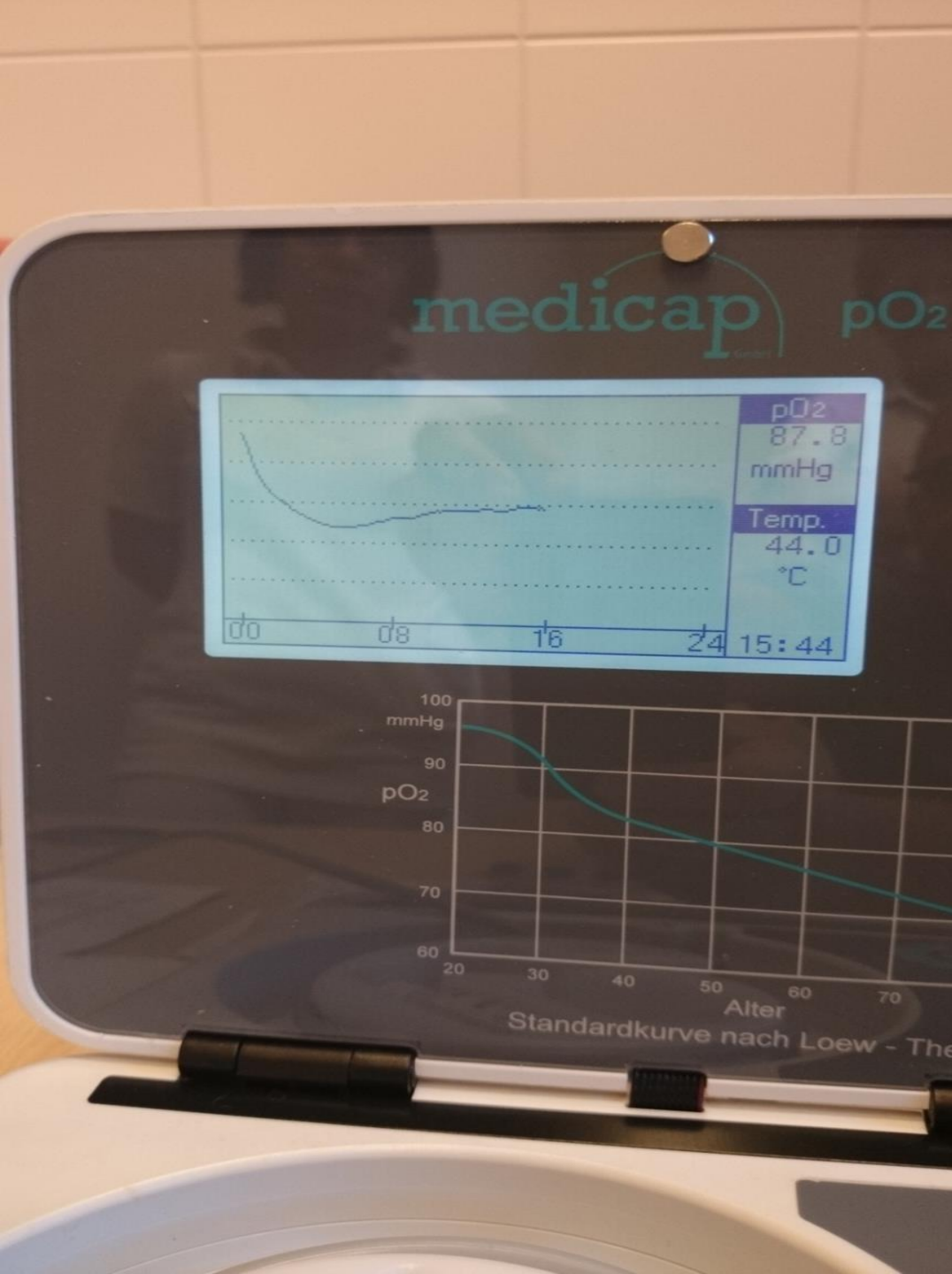
Location:
National Institute of Oncology Budapest,
Hungary



Real time monitoring

Drinking 0,2 liter Kaqun
water

Location:
National Institute of Oncology
Budapest, Hungary



Real time monitoring

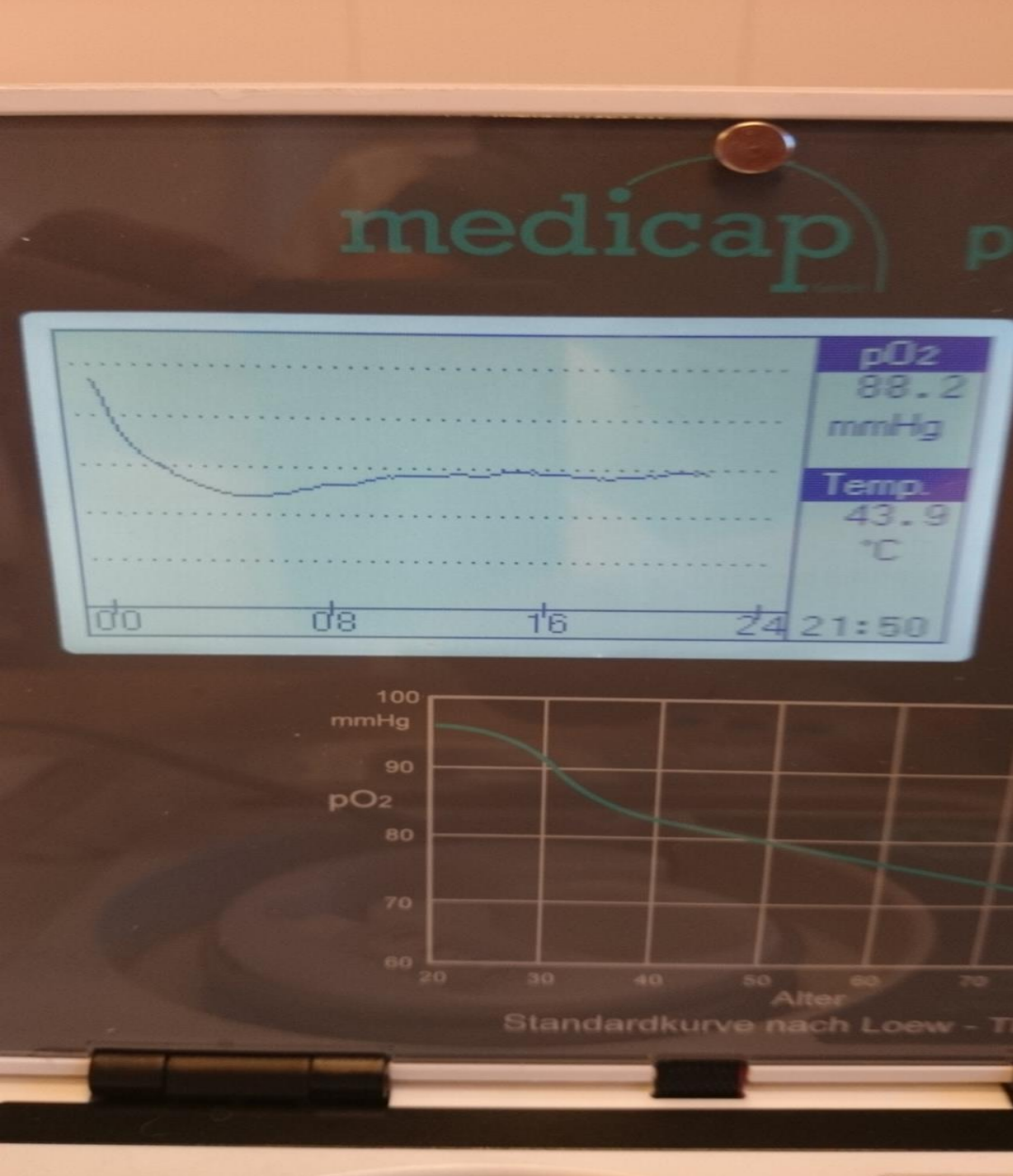
Result: 87.8 pO₂ mmHg
Measuring time: 15:44mins

Location:
National Institute of Oncology Budapest, Hungary



Additional 0,2 liter Kaqun water

Location:
National Institute of Oncology
Budapest, Hungary



RESULT: 88.2 PO2 MMHG
MEASURING TIME:
21:50MINS

LOCATION:
NATIONAL INSTITUTE OF ONCOLOGY BUDAPEST,
HUNGARY



CONCLUSION:

After introduction of Kaqun water into the body the measurement clearly shows the elevation of TcpO₂.

TcpO₂ elevation was measured from zero to 21:50 mins.

The TcpO₂ value of the body has increased by 20% within this time period

What is the difference between Kaqun and other waters?

- No chemicals, no high-pressure oxygen added!
- Clinically proven results, clinical human studies have been completed
- (ETT TUKEB approved - Ethical Medical Committee)
- Available as Drinking Water, Bath Therapies, and Topical Gel
- The only form of oxygen therapy having sustained effect
- Modified by a proprietary computer controlled Electrolytic system (KAQUN SYSTEM TM)

Effect on hypoxia associated with dermatitis caused by RT



Before KAQUN-therapy



After 3 days



After 7 days



After 10 days

EFFECT ON Cutan CD30 Large Cell Lymphoma



EFFECT ON Hypoxia ASSOCIATED with DERMATITIS CAUSED BY RT



3. days of 1st KAQUN-therapy



14. days of 1st KAQUN-therapy



Last day of 3rd KAQUN-therapy

Effect on local hypoxia resulting in Ulcer Cruris



2011.06.29



2011.08.26



2011.09.26

Effect on local hypoxia resulting in Ulcus Cruris



AFTER 72 KAQUN BATHS

Oxygen effect on viral infection



AFTER 3X14 KAQUN BATHS

Oxygen effect on Mycosis



AFTER 2X14 KAQUN
BATHS

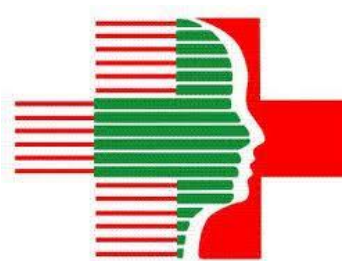
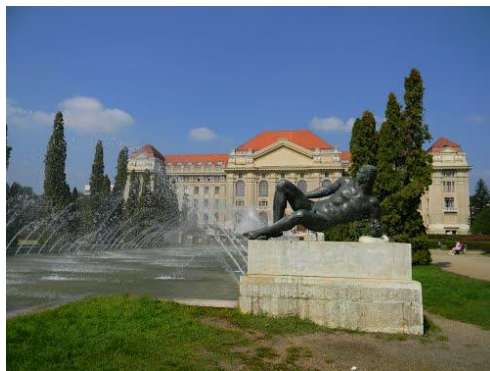
EFFECT ON SYSTEMIC MYCOSIS



AFTER 3X14 KAQUN BATHS

Kaqun studies 2004-2015

All the Kaqun studies were finished in accredited Hungarian Universities and Governmental Institutes & laboratories



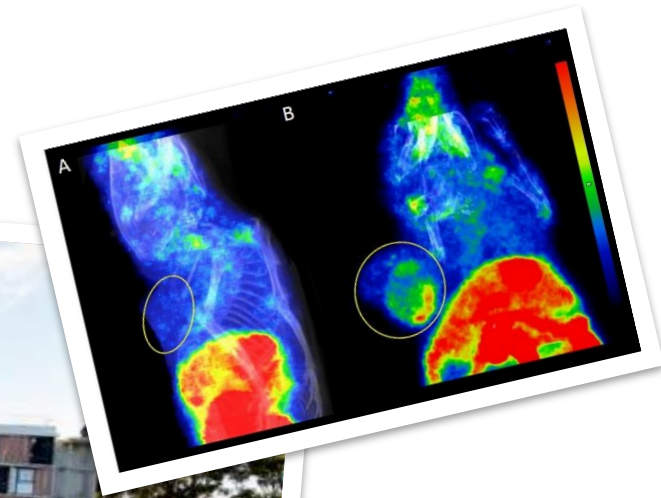
AUSTRALIA – MELBOURNE

Mouse Study



MONASH University

The Effects of ELO/Kaqun Water on Tumour Hypoxia
and Tumour Growth in a Mouse Tumour Xenograft

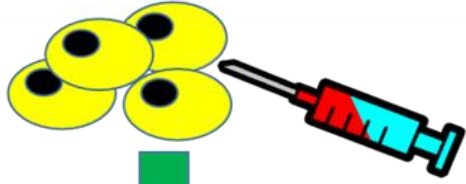


ELO water group

10



2.5×10^6
Prostate cancer
cells PC-3
subcutaneously



ELO water 9 days



Tumour size measured
every 3 days with
calipers



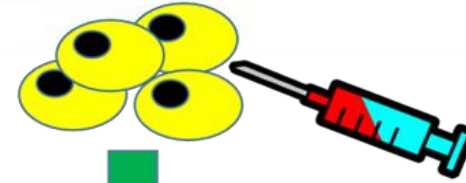
PET/CT scan

Tap water group

10



2.5×10^6
Prostate cancer
cells PC-3
subcutaneously

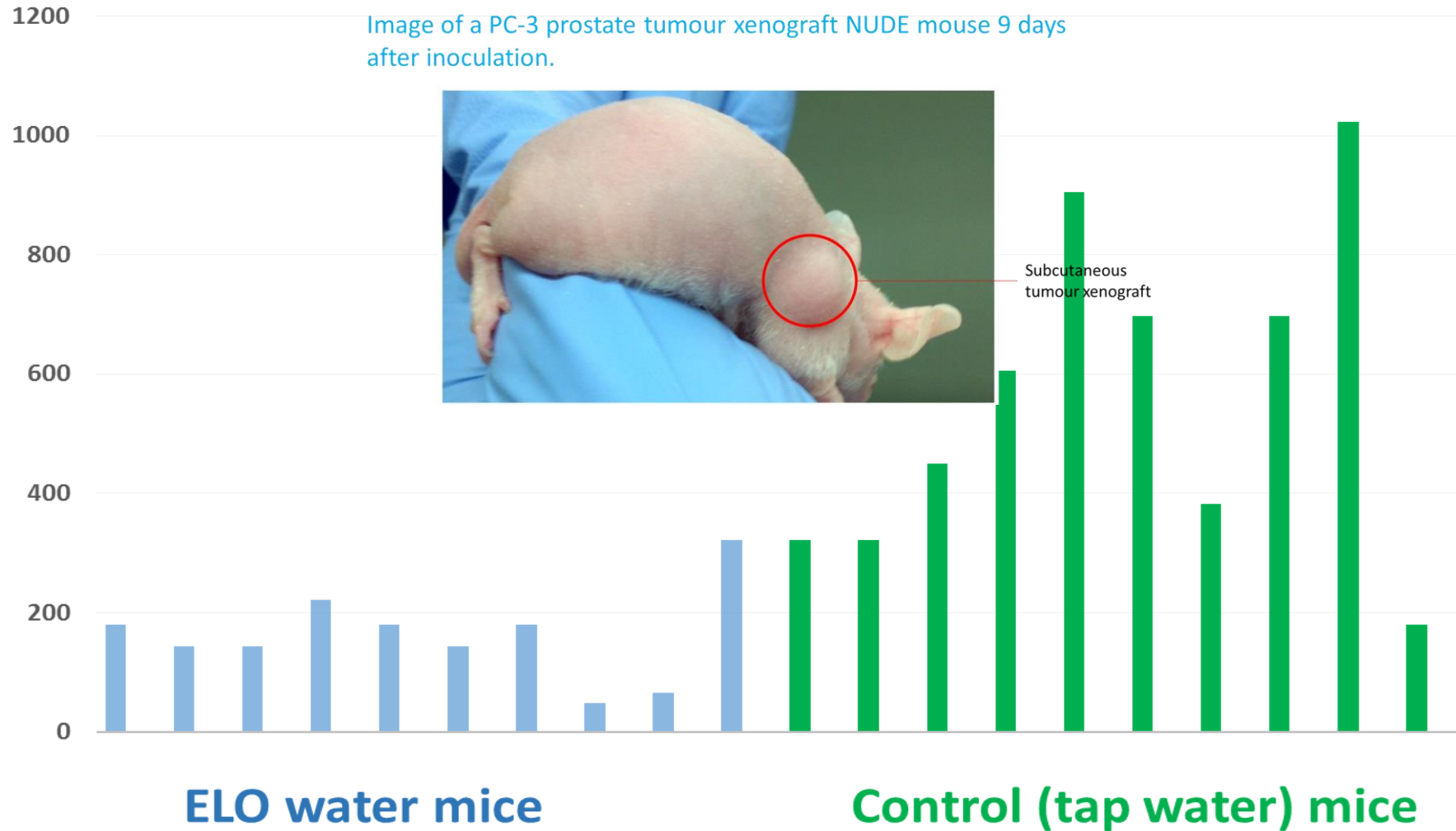


Tap water 9 days

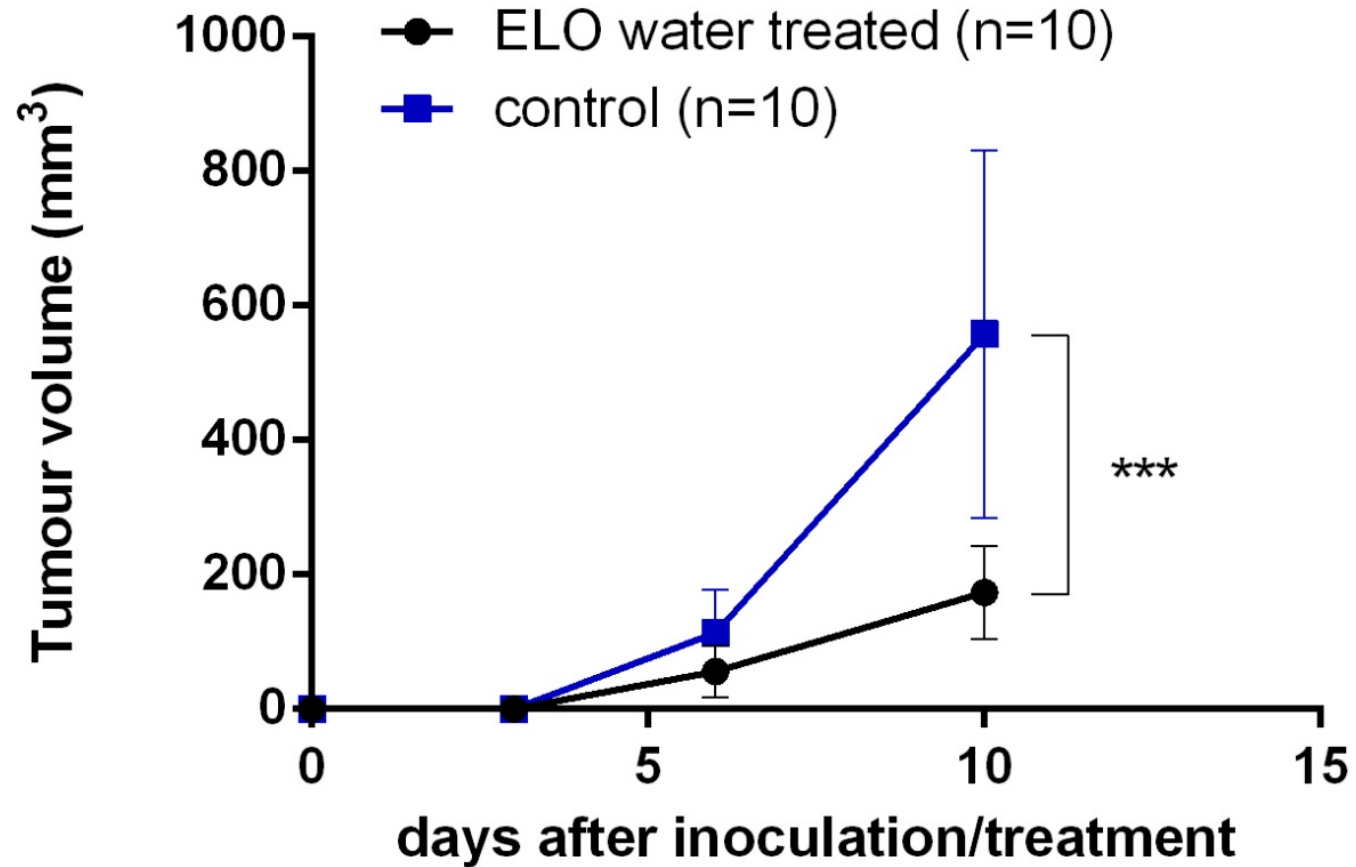


Comparing final tumour size between ELO and control mouse groups (Day 9 after inoculation)

Tumour Volume at 9 days post tumour graft (mm³)

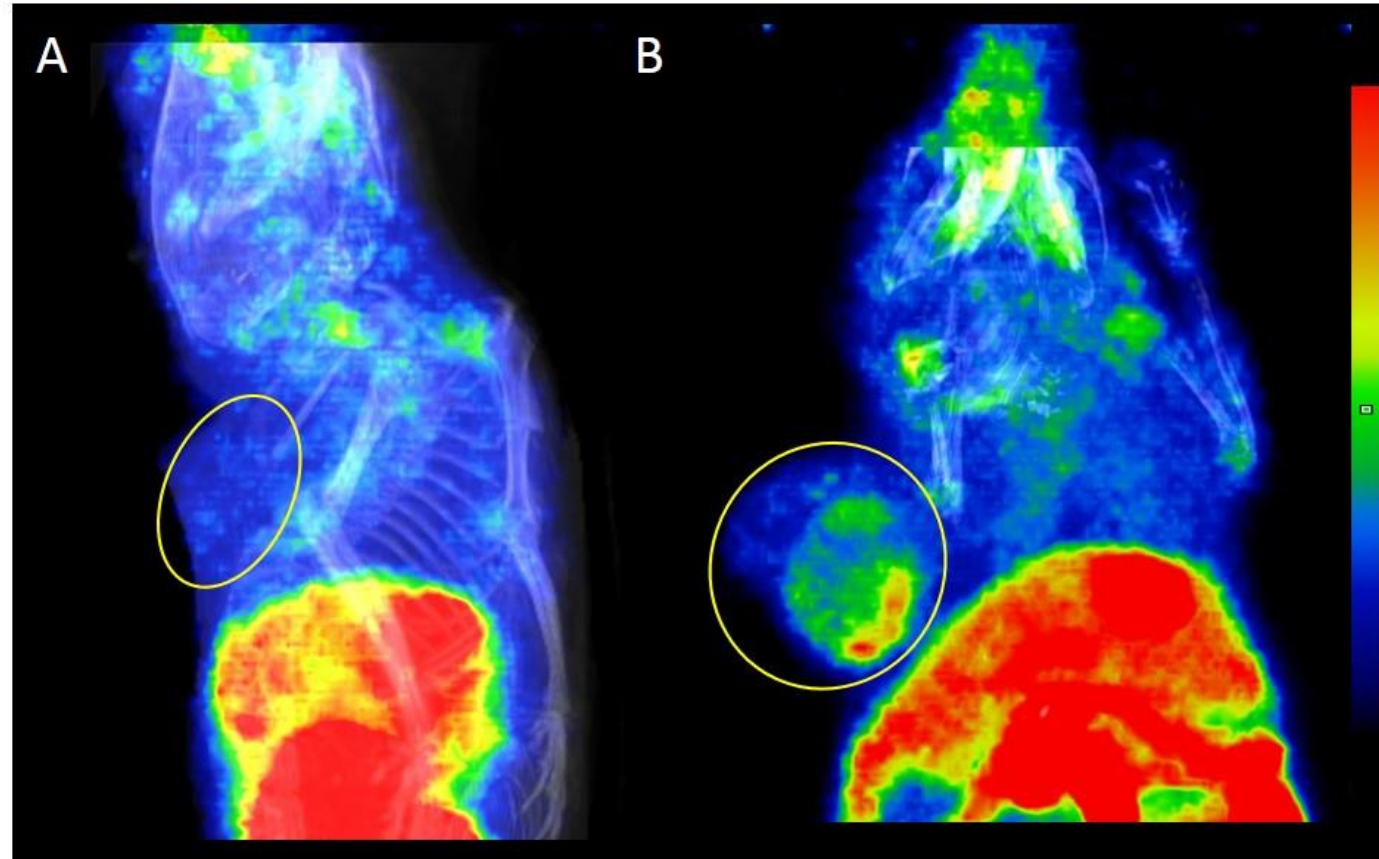


Tumour Growth for the 2 Groups of Mice



P value < 0.001

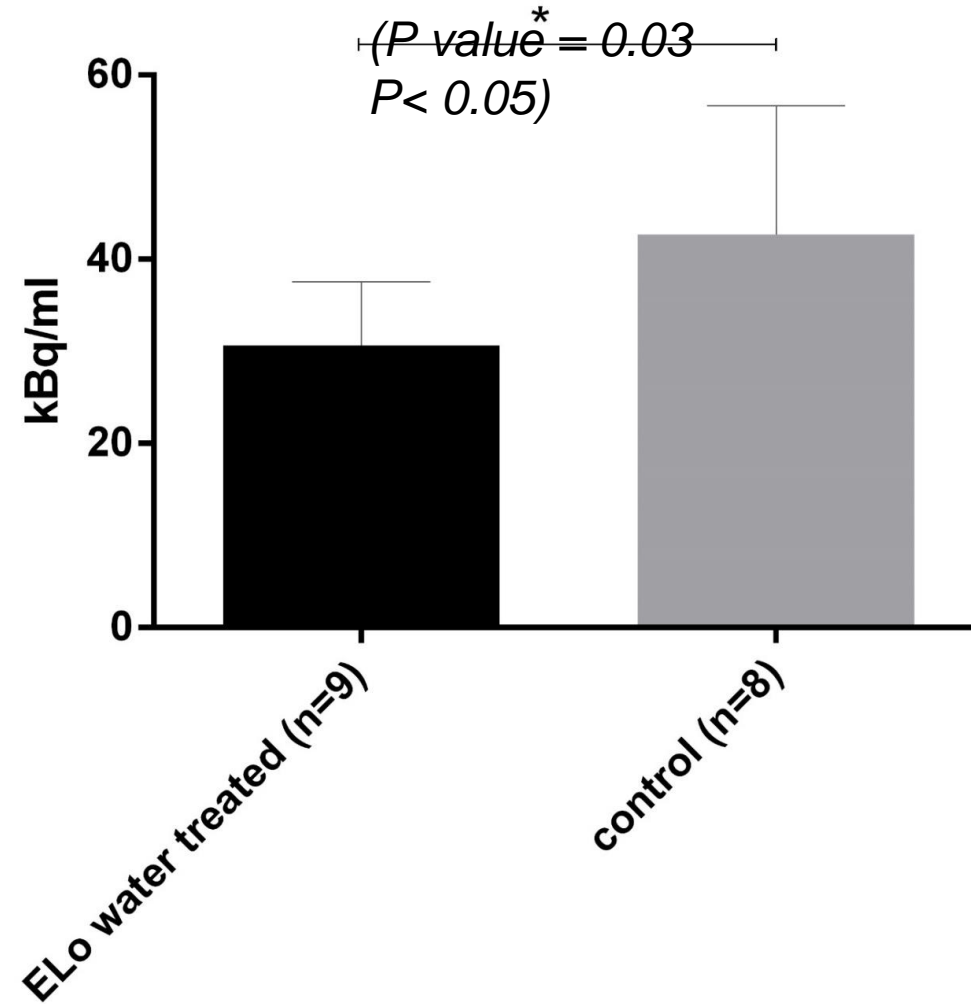
Maximum-Intensity Projections



Small-animal PET imaging of PC-3 bearing xenograft animals 9-10 days after tumour inoculation and 2 h post tracer injection of A) ELO 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.

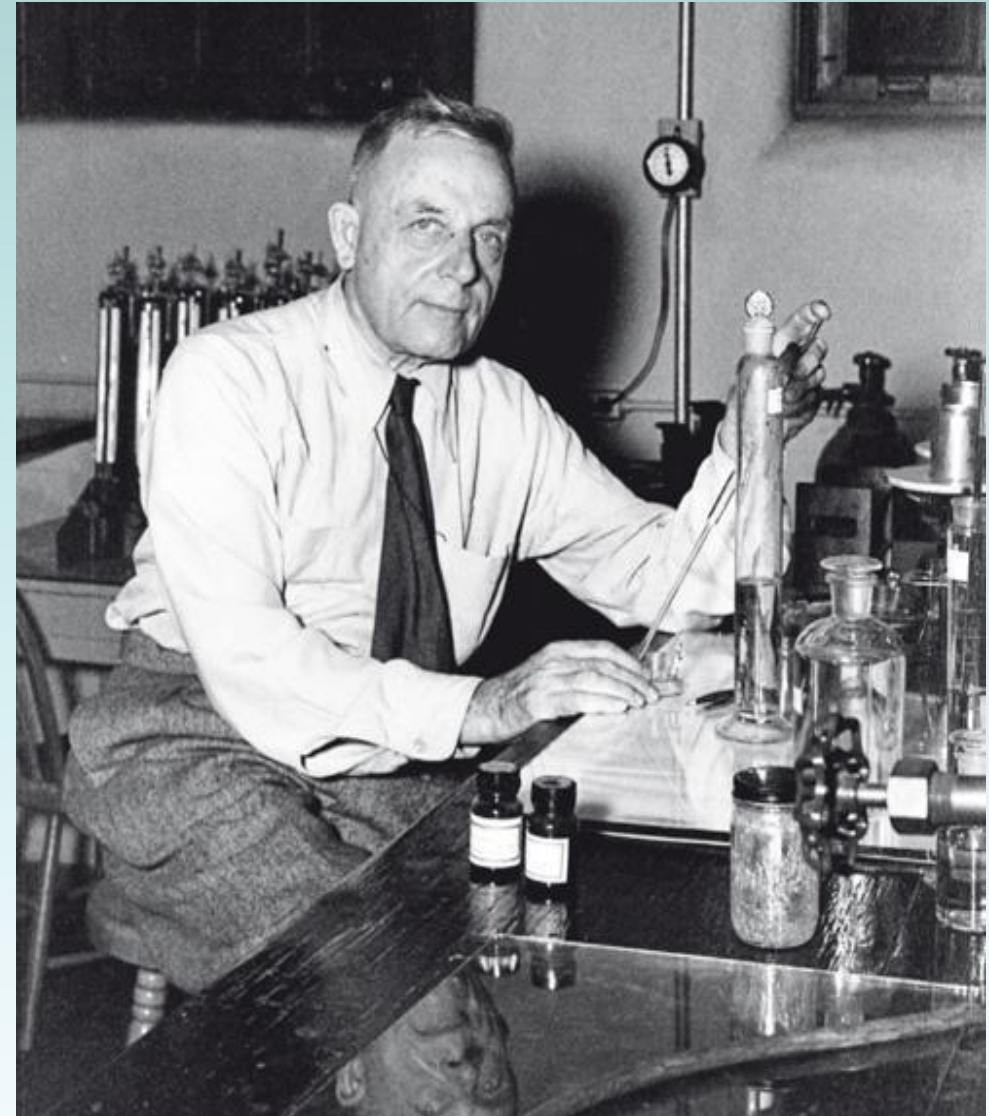
Tumour Hypoxia Signals between ELO and Control

KAQUN™



From his Nobel Lecture...

"Cancer, above all other diseases, has countless secondary causes. But, even for cancer, there is only one prime cause. Summarized in a few words, the prime cause of cancer is the replacement of the respiration of oxygen in normal body cells by a fermentation of sugar... "
Dr. Otto H. Warburg



THANK YOU FOR YOUR
ATTENTION!

Call Us With Your Questions.
www.kaqun.org



KAQUNTM

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