Experimental Testing of Spin-Mediated Consciousness Theory & Quantum Brain:

Evidence of non-local physical, chemical and biological effects supports quantum brain

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http://quantumbrain.org

Outline

- What Is Spin-Mediated Consciousness Theory
- How to Test the Theory Experimentally
- Experimental Designs
- First-Person Findings: Brain Effects (Overview)
- Objective Findings: Temperature, pH & Gravity
- Interpretations of These Findings
- Implications and Applications
- The Need of Independent Replications

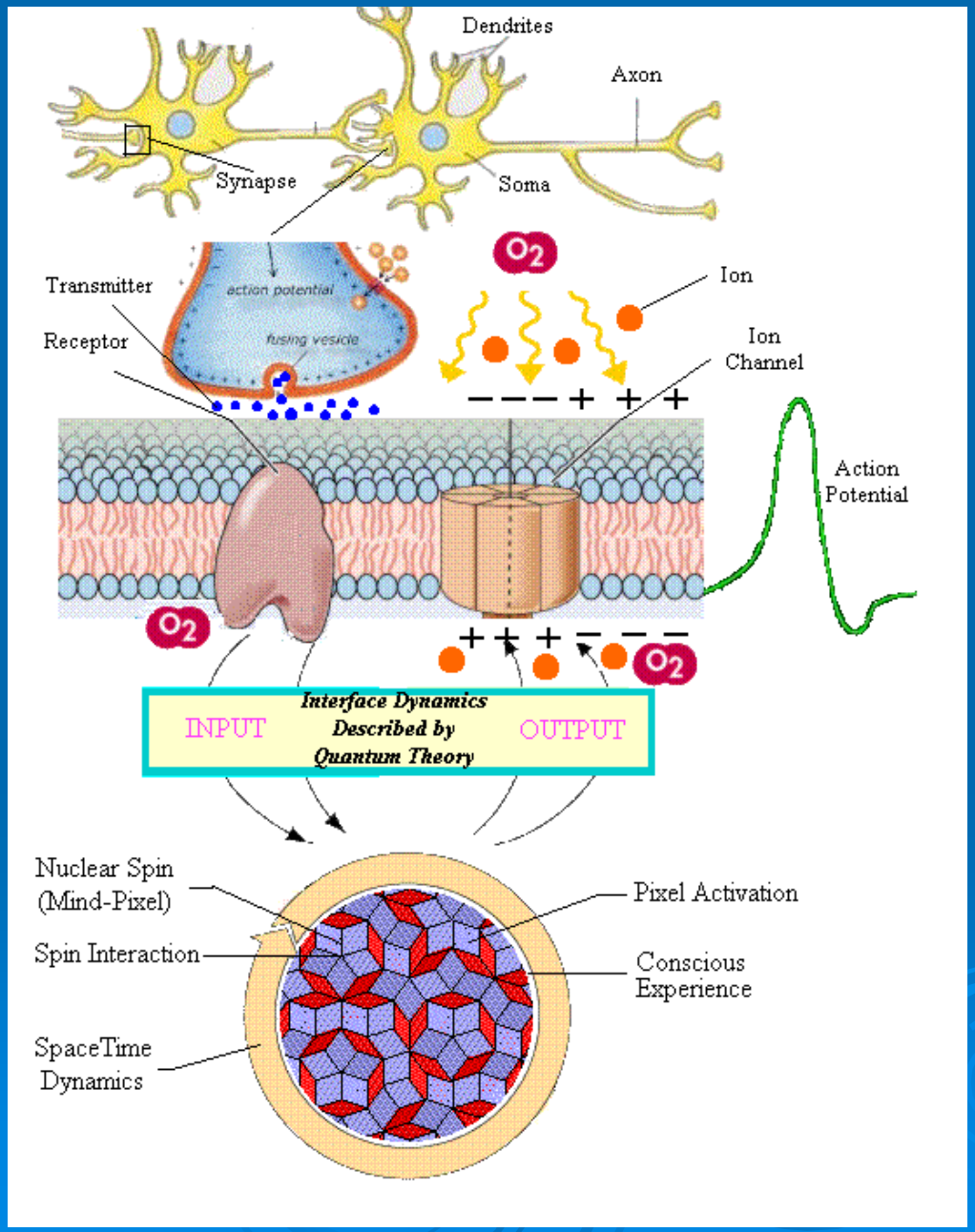
What Is Spin-Mediated Consciousness Theory

- Spin is the primordial self-referential process driving quantum effects, spacetime dynamics & consciousness:
- - Spin is the seat of consciousness & the linchpin between mind & the brain (spin is the mind-pixel).
- - Specifically, consciousness is intrinsically connected to the nuclear/electronic spin processes in the brain & emerges from the collective dynamics of nuclear &/or electronic spin states.
- - The unity of mind is achieved by entanglement of these mind-pixels (or gravity since gravity is likely the manifestation of quantum entanglement).
- - Mind influences the brain through "proactive" spin in the varying high electric voltage brain using nonlocal energy (potential) and quantum information.

General Considerations

- Spin is the basic qubit for encoding information and, on the other hand, neural membranes & proteins are saturated with nuclear spin carrying nuclei and form the matrices of varying high-voltage electrical activities.
- In the Hestenes picture spin is shown to be responsible for all quantum effects of the fermion.
- In the Bohm picture spin was shown to be responsible for the quantum potential which, in turn, is responsible for quantum effects.
- Spin is embedded in the microscopic structure of spacetime as reflected by Dirac equation and is likely more fundamental than spacetime itself as implicated by Roger Penrose's work.

Biological Model



How to Test Spin-Mediated Consciousness Theory

Thought Experiments

- Try to quantum-entangle the nuclear/electronic spins inside the brain with those in an external substance.
- Assuming entanglement occurs for a certain length of time and the quantum entity associated with spin can directly sense & utilize said entanglement, test subject may feel the effect of the external substance.
- On the same token, if two physical systems are quantum-entangled and one of them is manipulated, the physical properties of the other such as pH, temperature & even gravity may be effected through spin-mediated nonlocal processes.

Real Experiments

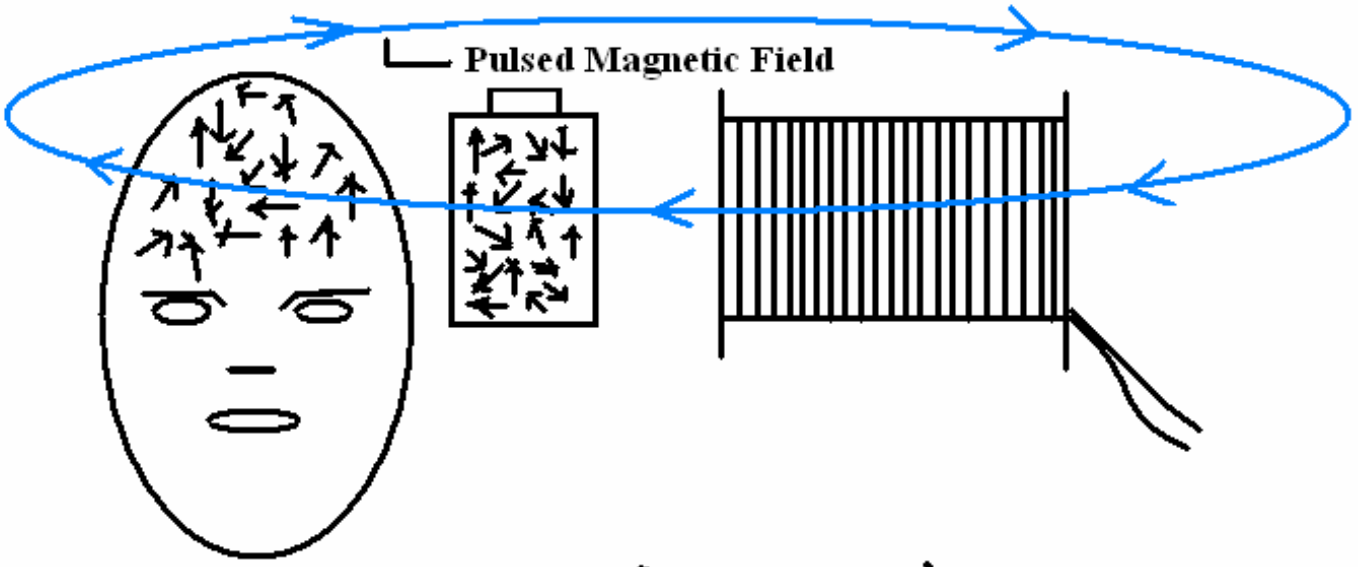
- Carry the Experiment to find out whether anything would happen.

Materials

- Anesthetics:
- $CHCl_3$ (Chloroform, pure)
- $CDCl_3$ (Chloroform D, pure)
- CF3-CHCl-O-CHF2 (Isoflorance, pure)
- CH_3-O-CH_3 (Dimethyl Ether, pure)
- CH_3-CH_2-OH (Ethanol, pure)
- CBr3-CH2-OH (Tribromoethanol, 50:1 by weight)

- Medications:
- Morphine Sulfate (Solution, 20mg/ml, 20ml sample size)
- Fentanyl (Patch, 10mg/patch, magnetic coil only)
- Nicotine (Patch, 21mg/patch, magnetic coil only)
- Coffee (Instant coffee powder, 10g/bag, magnetic coil only)

Using Non-local Bell Measurement to Entangle Two Spin Ensembles



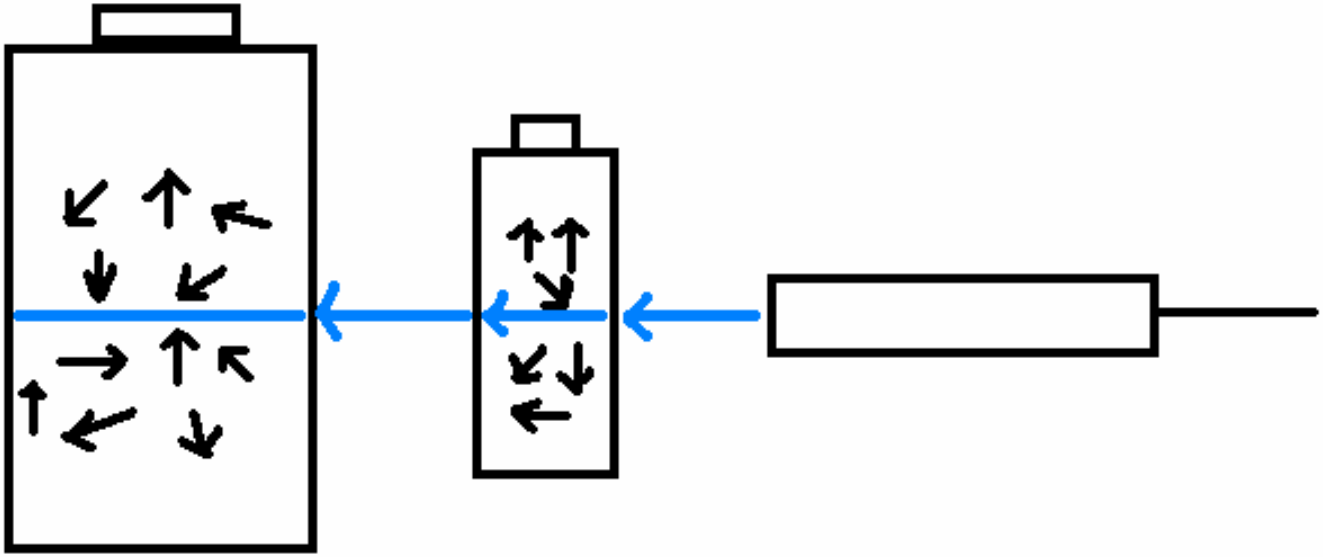
$$|S\rangle = a|\uparrow_s\rangle + b|\downarrow_s\rangle$$

$$|B\rangle = c|\uparrow_b\rangle + d|\downarrow_b\rangle$$

Magnetic Pulses = Non-local Bell Measurement

$$|BS\rangle = |\uparrow_b\rangle \otimes |\uparrow_s\rangle + |\downarrow_b\rangle \otimes |\downarrow_s\rangle$$

Using Forward Light Scattering (Both Elastic and Inelastic)



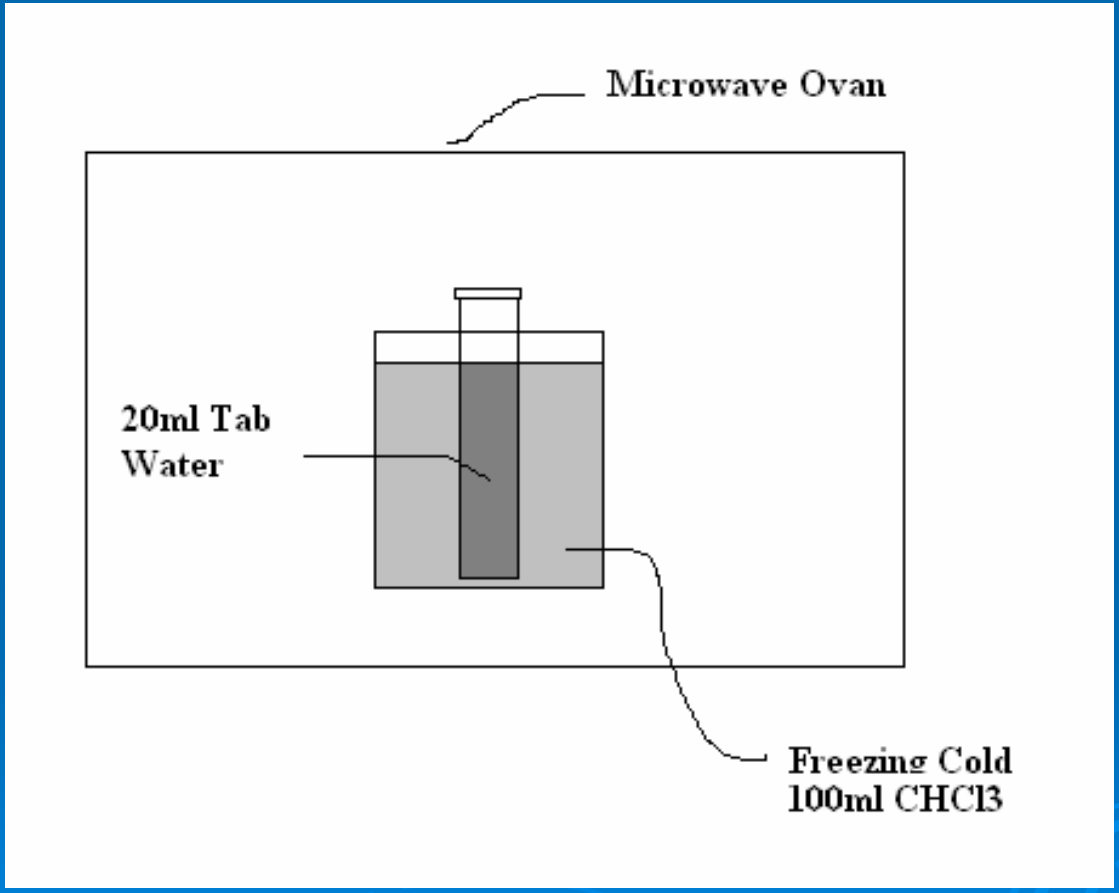
Ref. Julsgaard, B.et al. Experimentally long-lived entanglement of two macroscopic objects. Nature 413, 400–403 (2001)

Setup for the First Set of Experiment

Setup for the 2nd Set of Experiment - Magnetic Coil

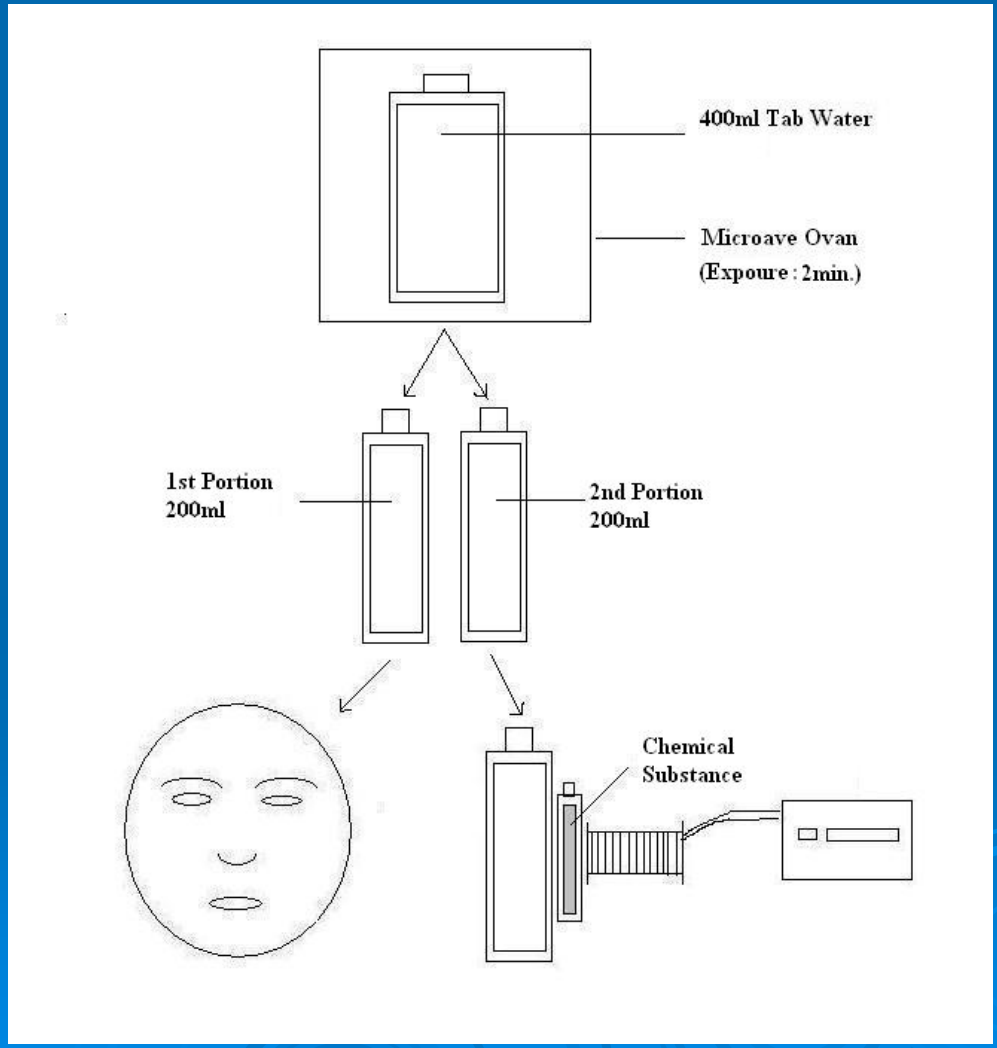
Setup for the 2nd Set of Experiment – Red Laser

Setup for the 2nd Set of Experiment – Microwave

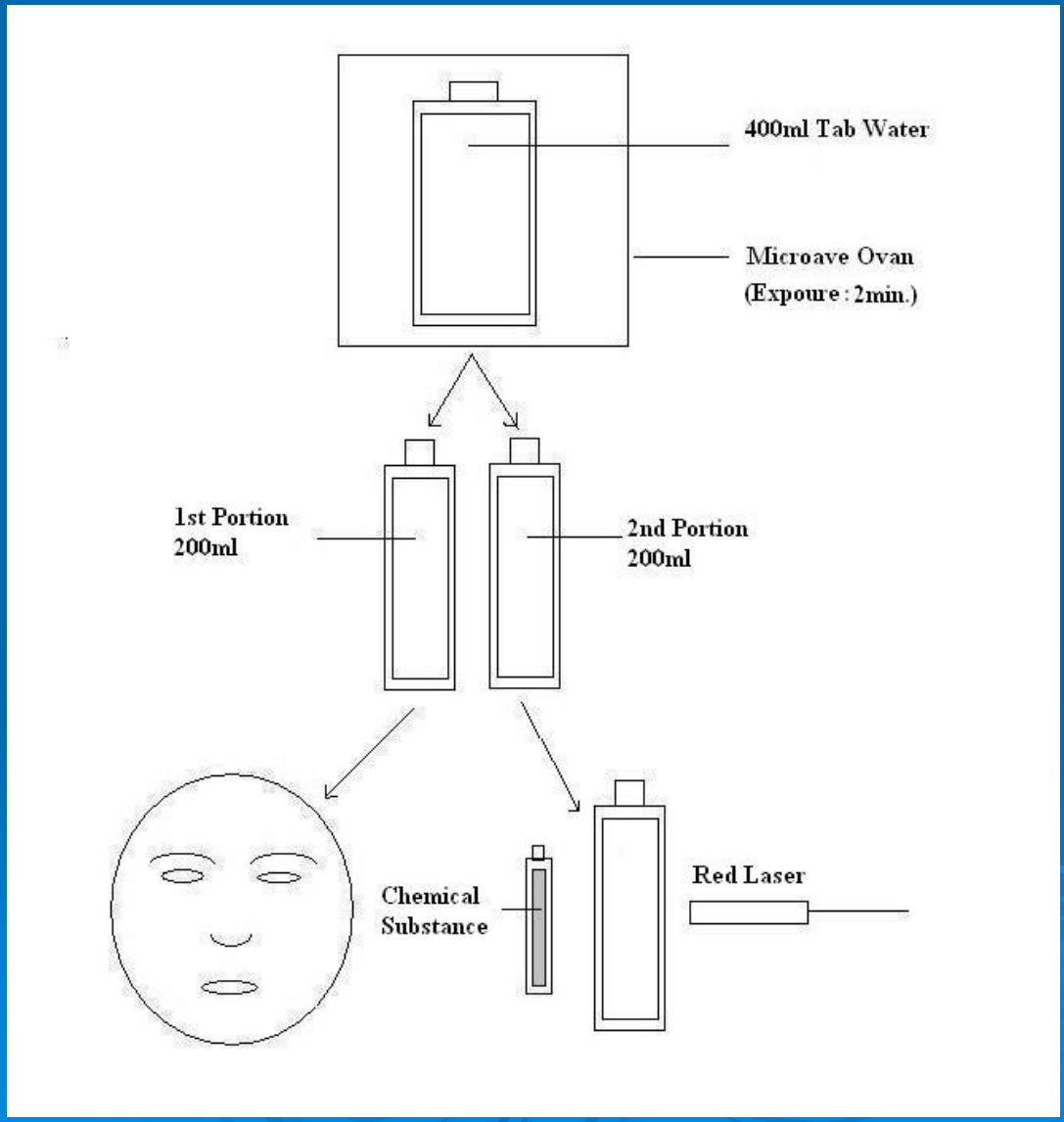


First Set of Entanglement Verification Experiments

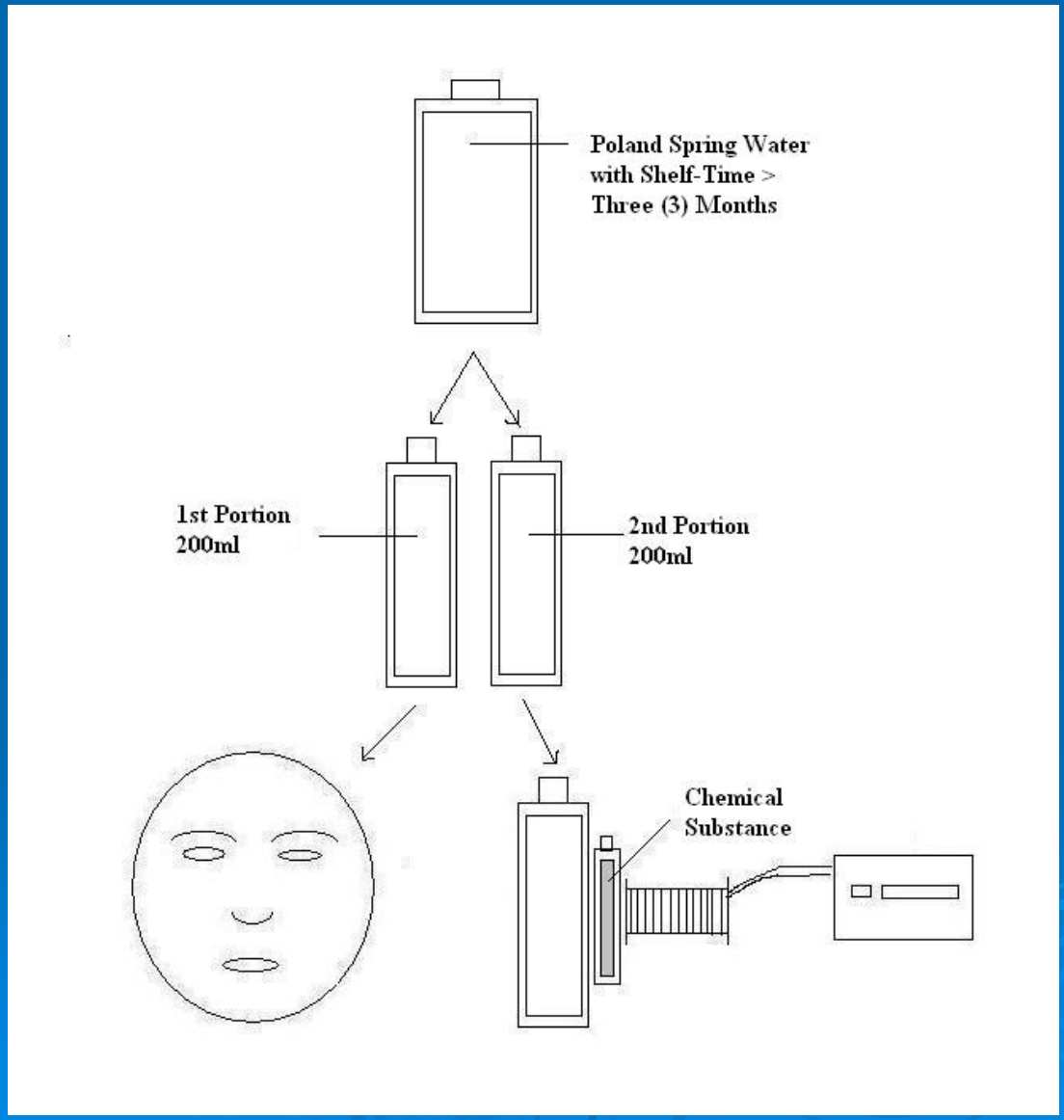
2nd Set of Entanglement Verification Experiments I



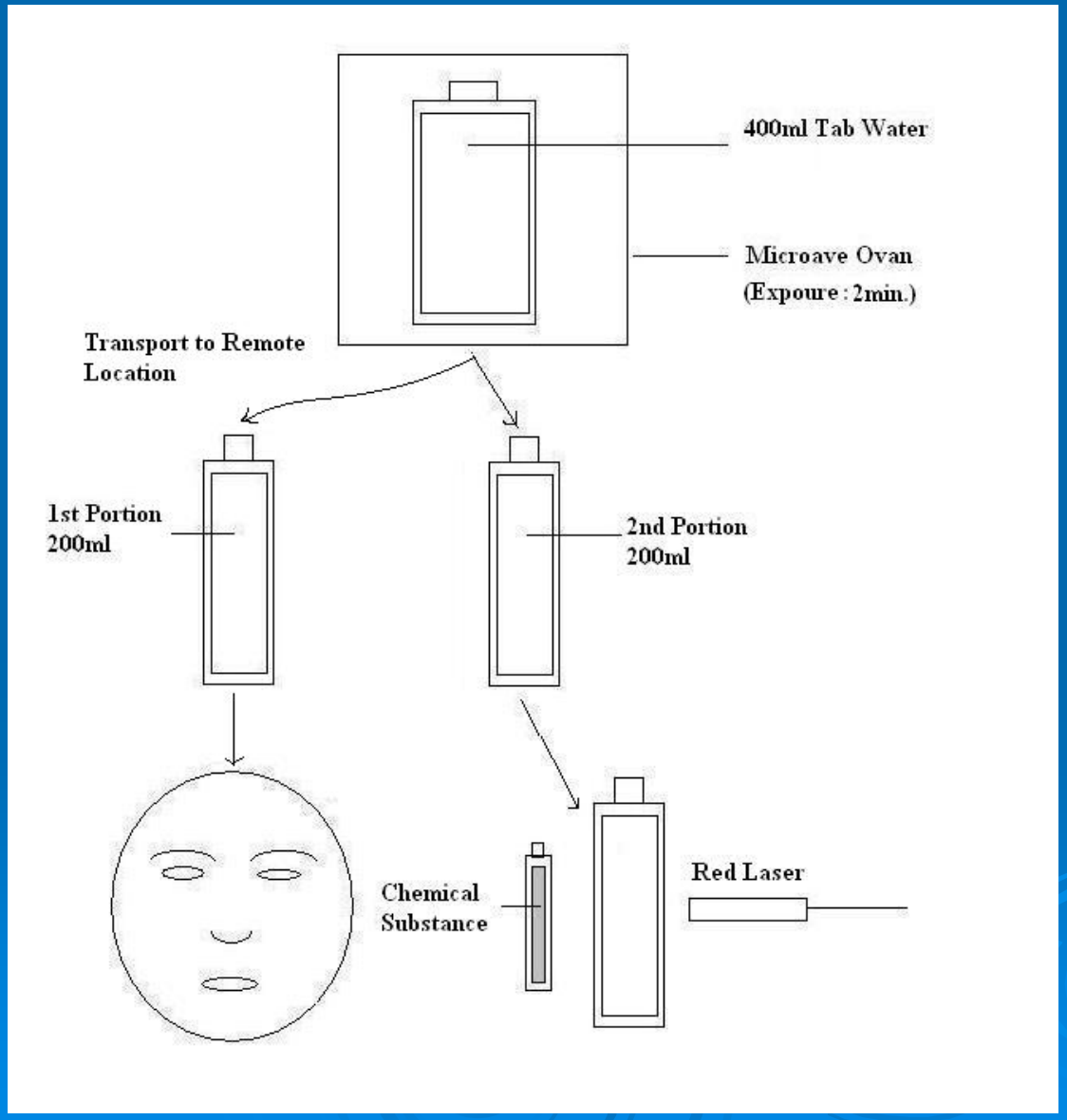
2nd Set of Entanglement Verification Experiments II



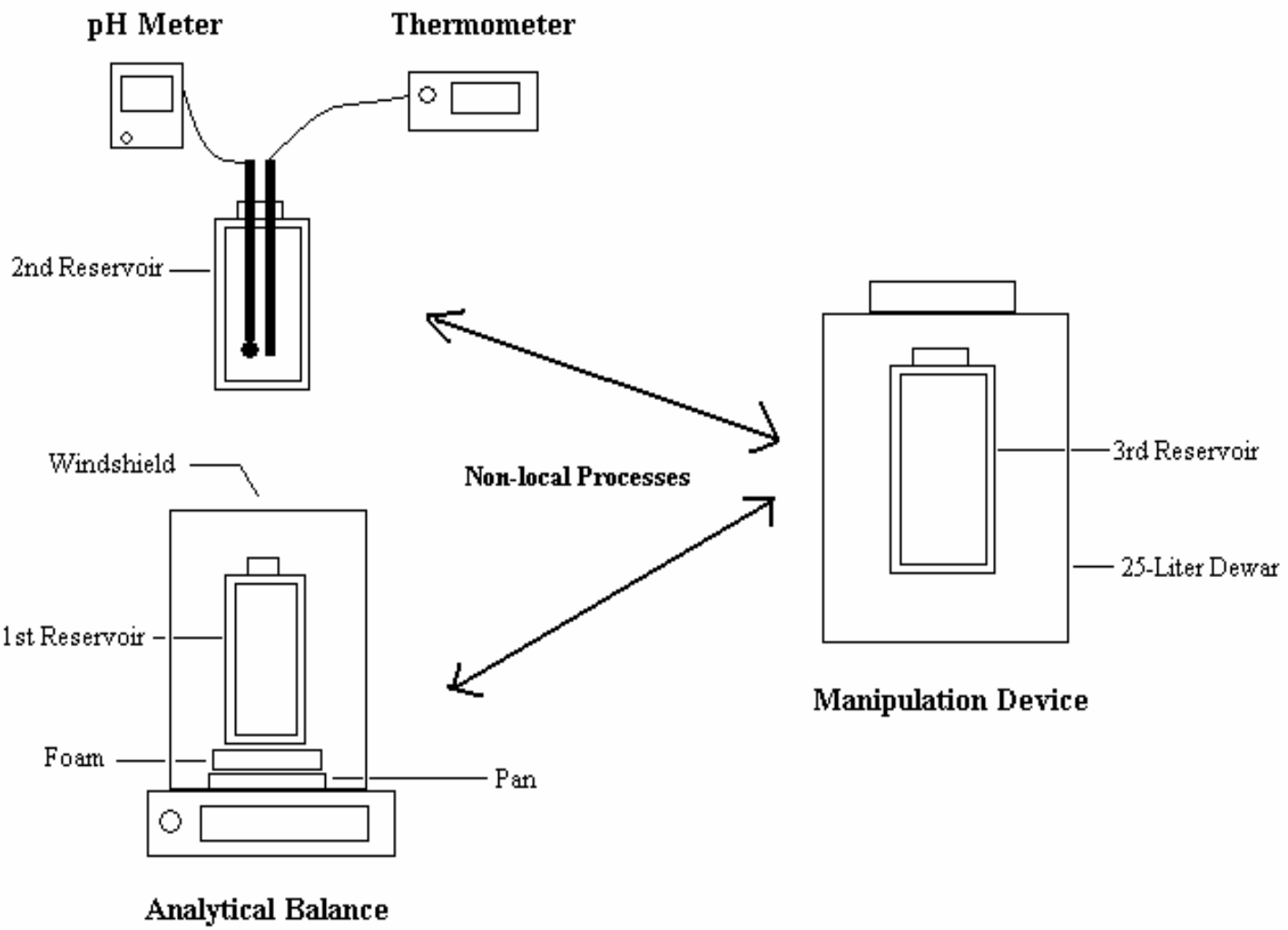
3rd Set of Entanglement Verification Experiments



4th Set of Entanglement Verification Experiments

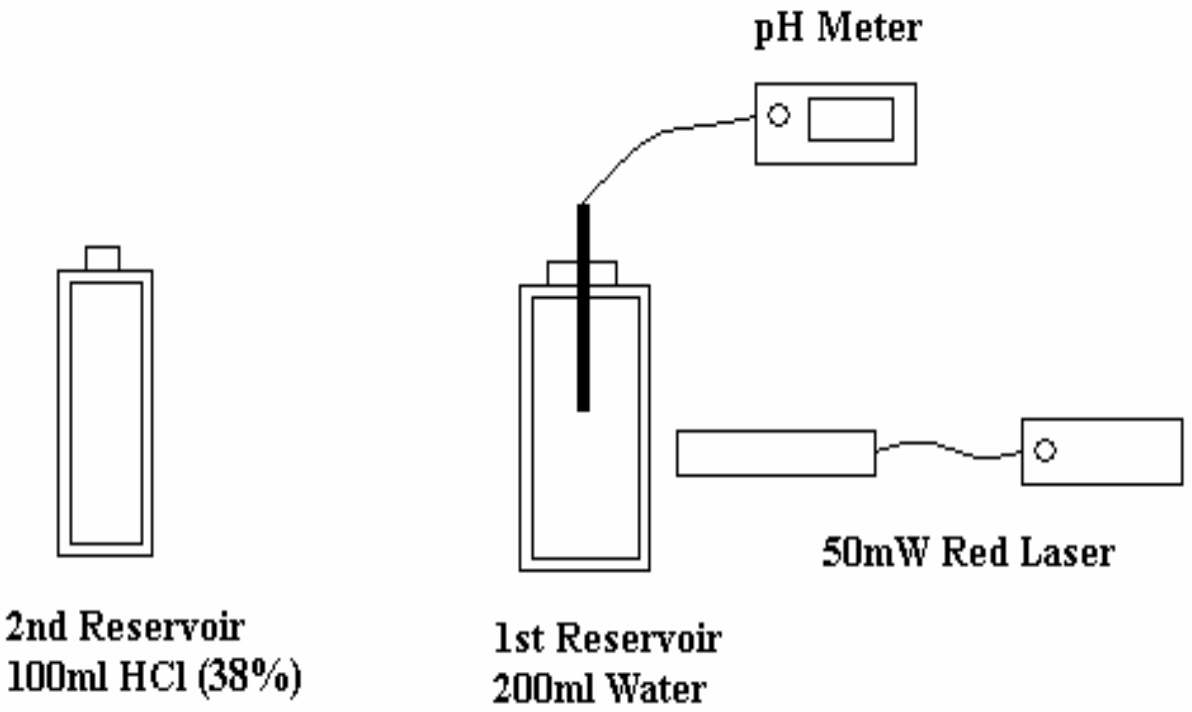


Key Experimental Setup (Diagram)



Key Experimental Setup (Photograph)

pH Measurement Setup (Diagram)



pH Measurement Setup (Photograph)

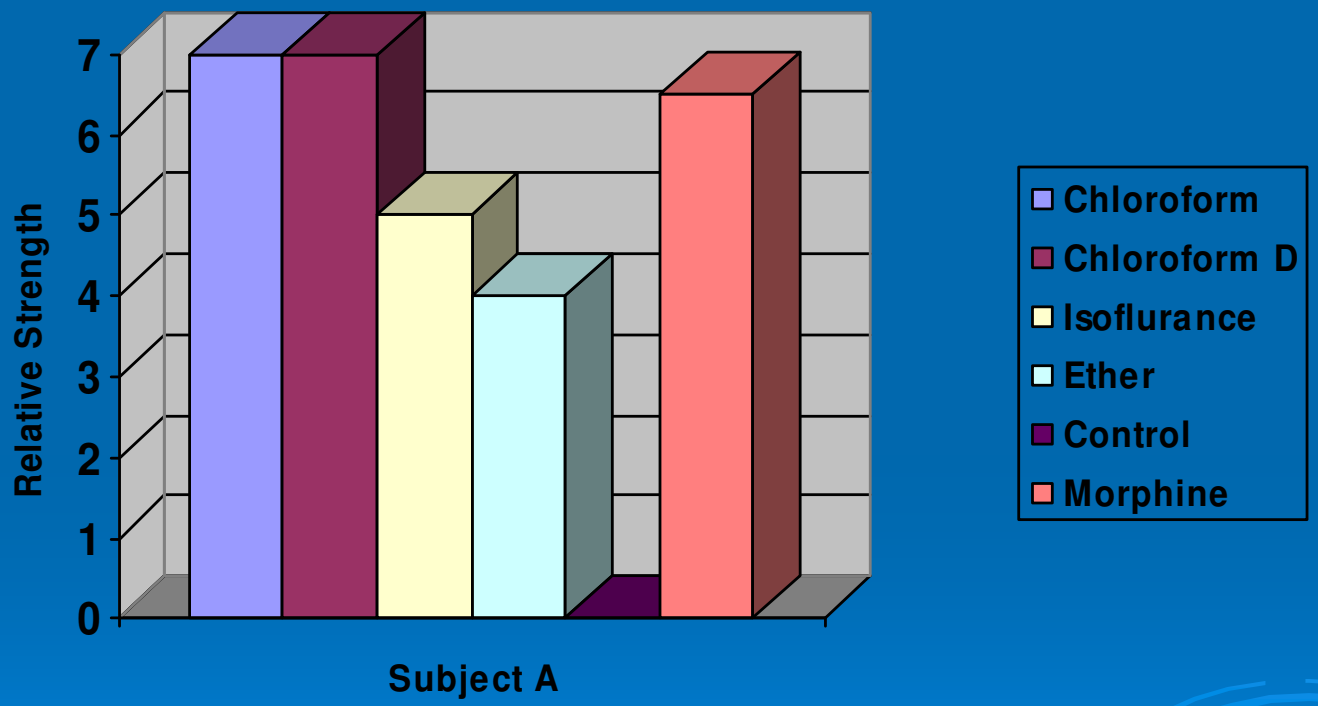
Table 1. Summary of results obtained from the first two sets of experiments

	1st Set: Magn. Coil		2nd Set: Magn. Coil		Laser Light		Flashlight		Microwave	
	Test#	Effect	Test #	Effect	Test #	Effect	Test#	Effect	Test #	Effect
Anesthetics										
Subject A	13	Yes	16	Yes	22	Yes	8	Yes	3	Yes
Subject B	2	Yes	2	Yes	3	Yes	0	N/A	1	Yes
Subject C	2	Yes	6	Yes	6	Yes	0	N/A	1	Yes
Subject D	2	Yes	1	Yes	5	Yes	0	N/A	0	N/A
Medications										
Subject A	17	Yes	14	Yes	16	Yes	1	Yes	3	Yes
Subject B	1	Yes	1	Yes	3	Yes	0	N/A	2	Yes
Subject C	3	Yes	1	Yes	4	Yes	0	N/A	1	Yes
Subject D	0	N/A	0	N/A	3	Yes	0	N/A	1	Yes
Control										
Subject A	12	No	5	No	11	No				
Subject B	3	No	0	N/A	1	No				
Subject C	1	No	2	No	4	No				
Subject D	0	N/A	0	N/A	1	No				

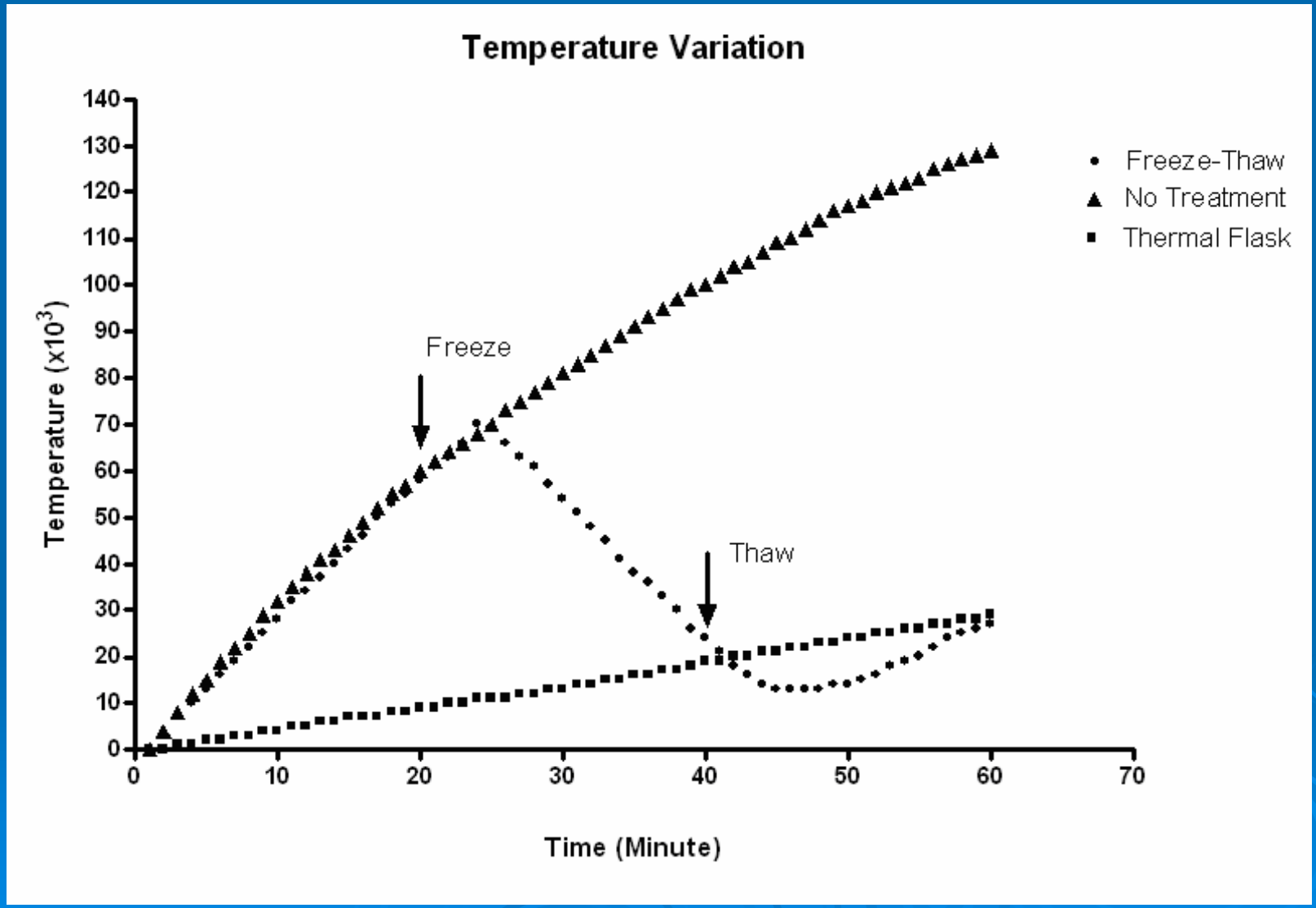
Table 2. Summary of the results obtained with the entanglement verification experiments carried out so far with chloroform, deuterated chloroform, diethyl ether and morphine.

	First Set		Second Set		Third Set		Fourth Set	
	Test#	Effect	Test#	Effect	Test#	Effect	Test#	Effect
Subject A	8	Yes	8	Yes	3	Yes	3	Yes
Subject B	2	Yes	3	Yes	2	Yes	1	Yes
Subject C	3	Yes	2	Yes	1	Yes	1	Yes
Control								
Subject A	2	No	8	No	3	No	3	No
Subject B	0	N/A	3	No	2	No	1	No
Subject C	1	No	2	No	1	No	1	No

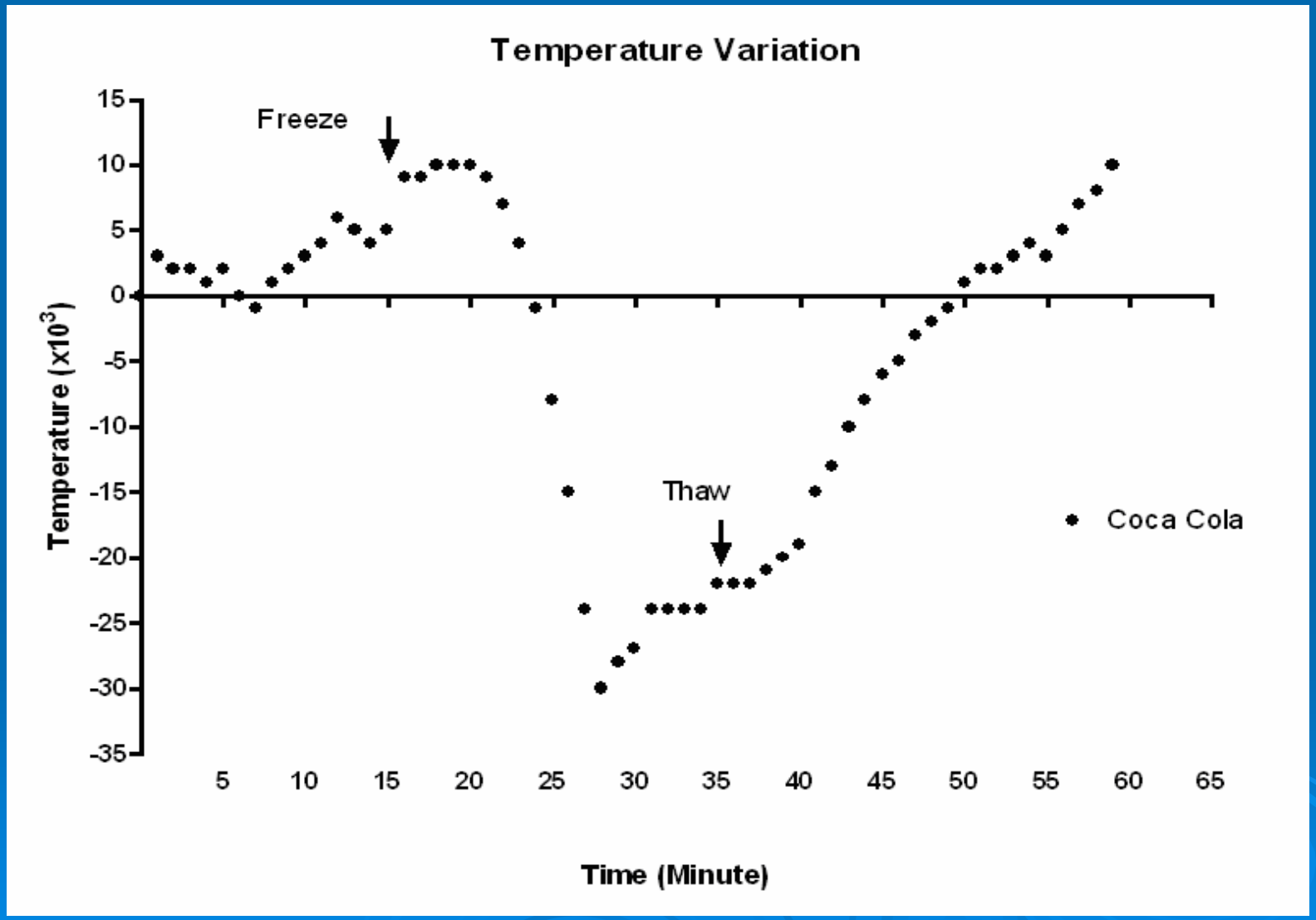
Figure 1. Illustration of Brain Effects of General Anesthetics and Morphine (tab water treated with magnetic pulses for 30 minutes)



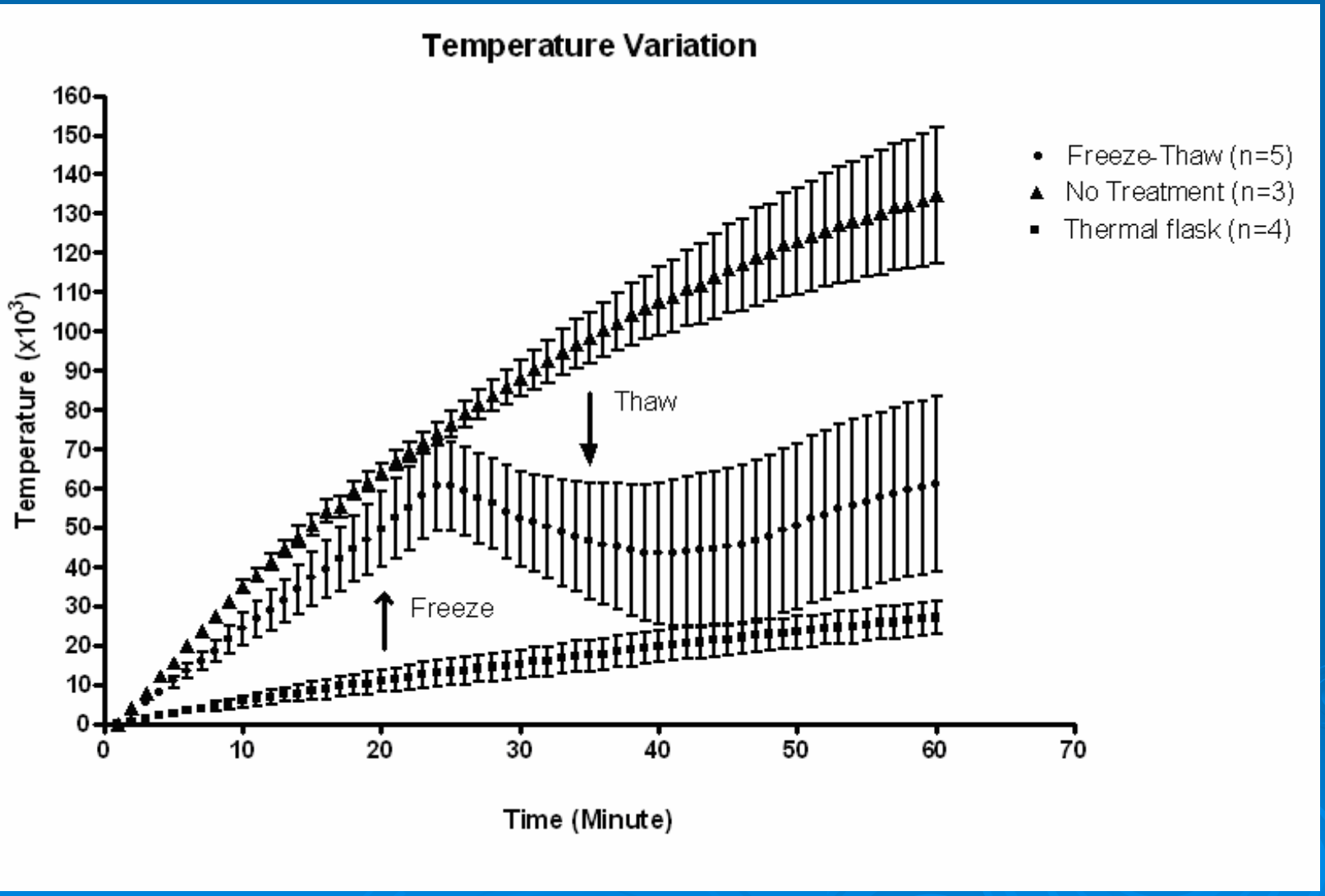
Result From Key Experimental Setup: Entangled Water



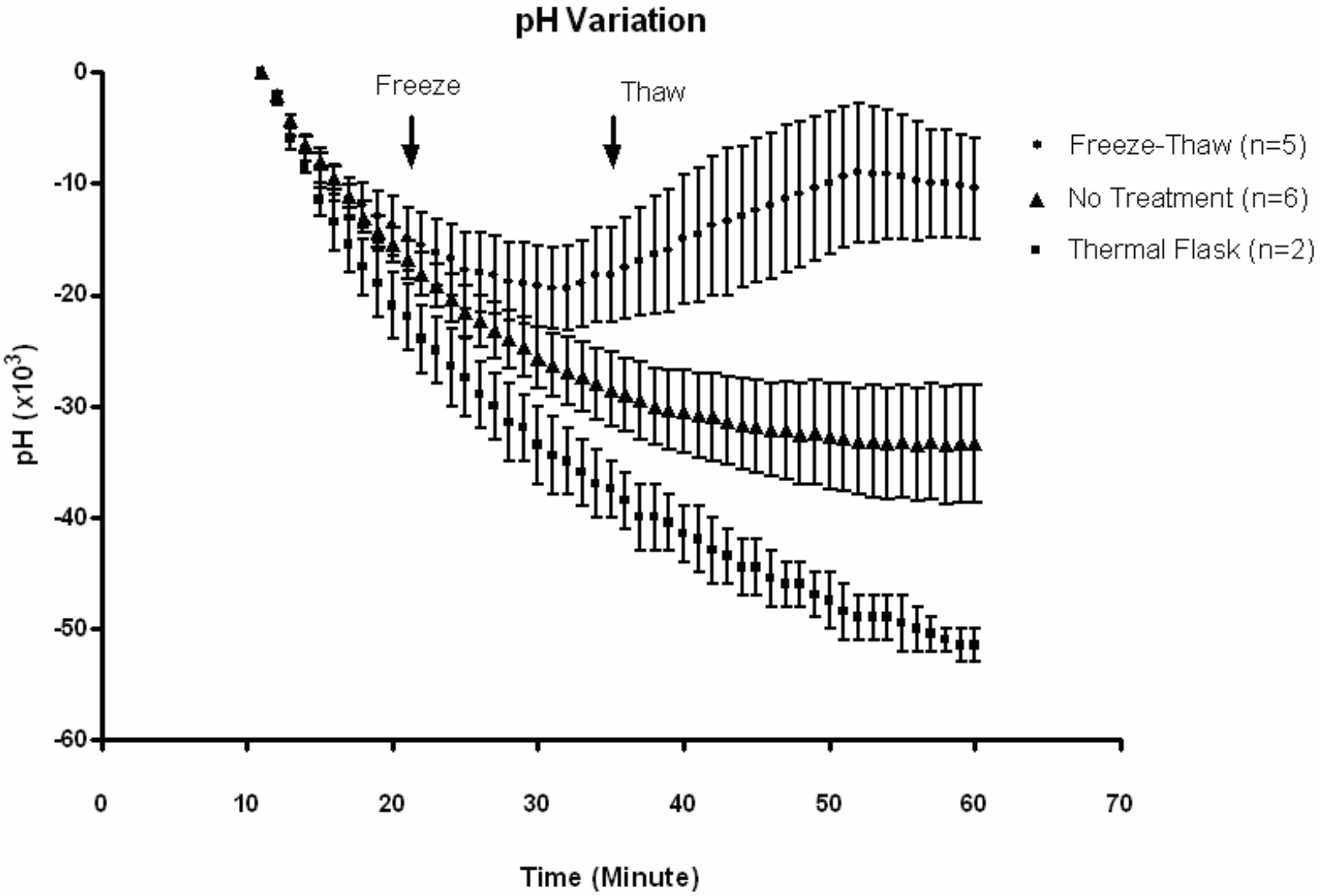
Result From Key Experimental Setup: Coca Cola



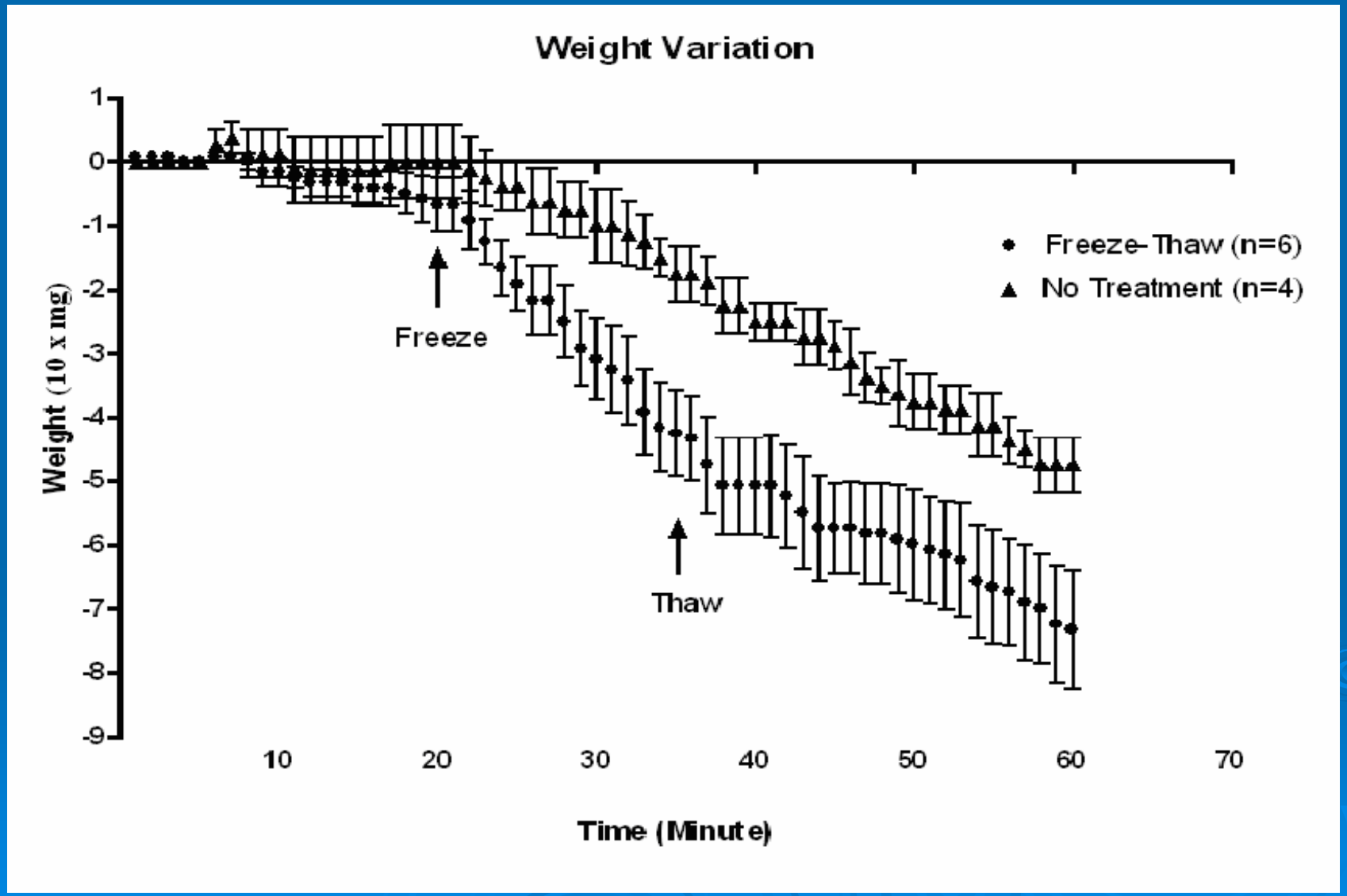
Results From Key Experimental Setup: Entangled Water



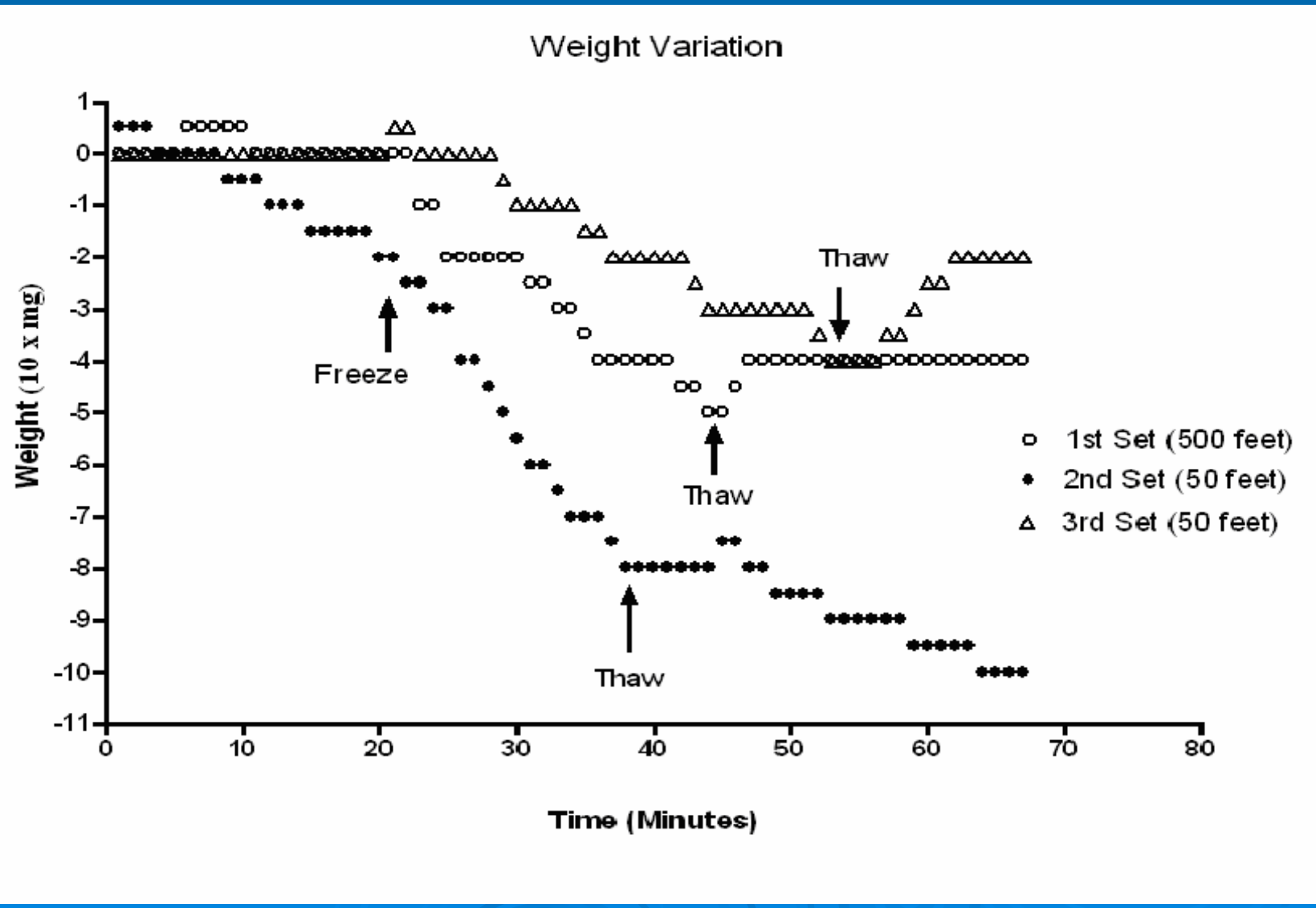
Results From Key Experimental Setup: Entangled Water



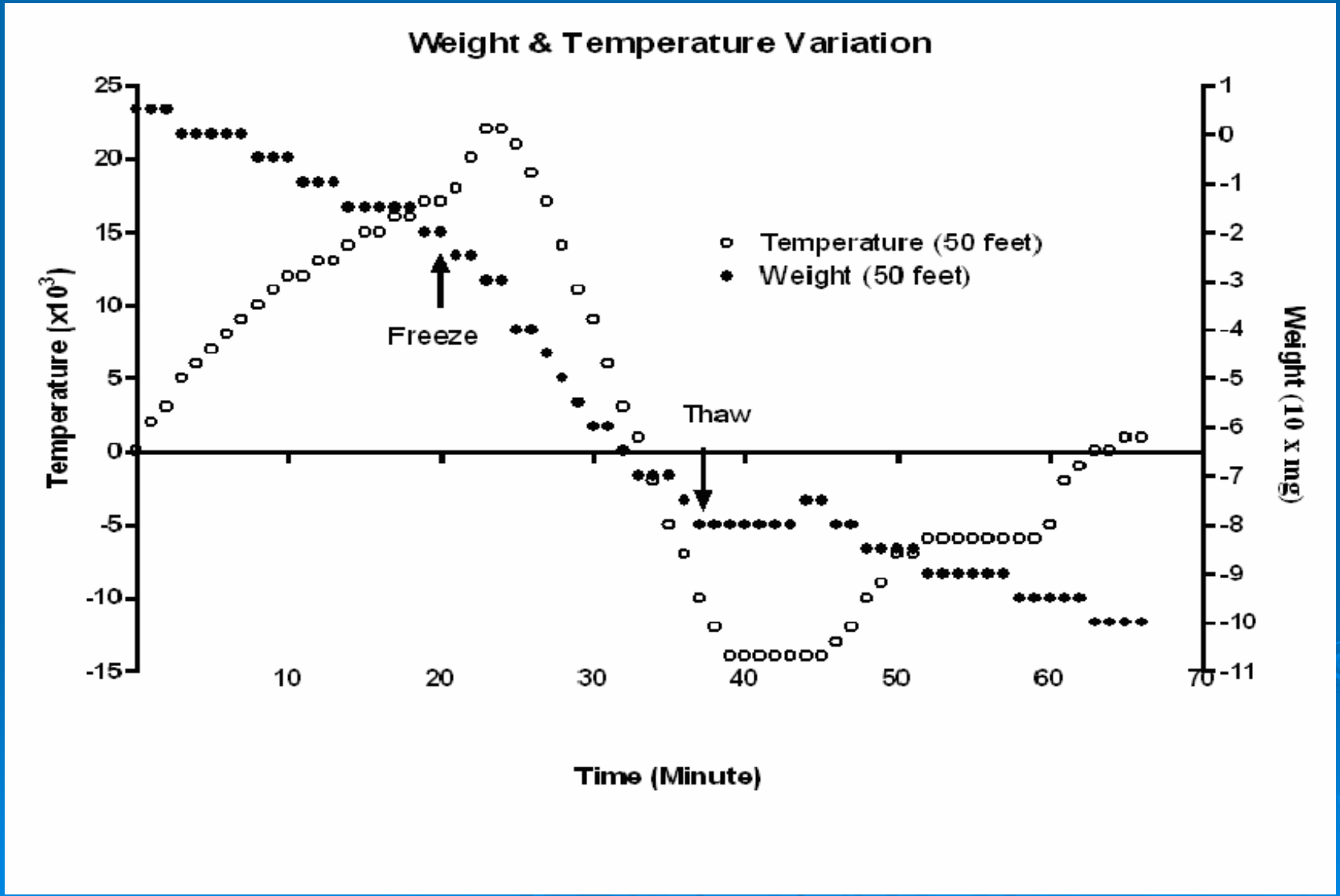
Results From Key Experimental Setup: Entangled Water



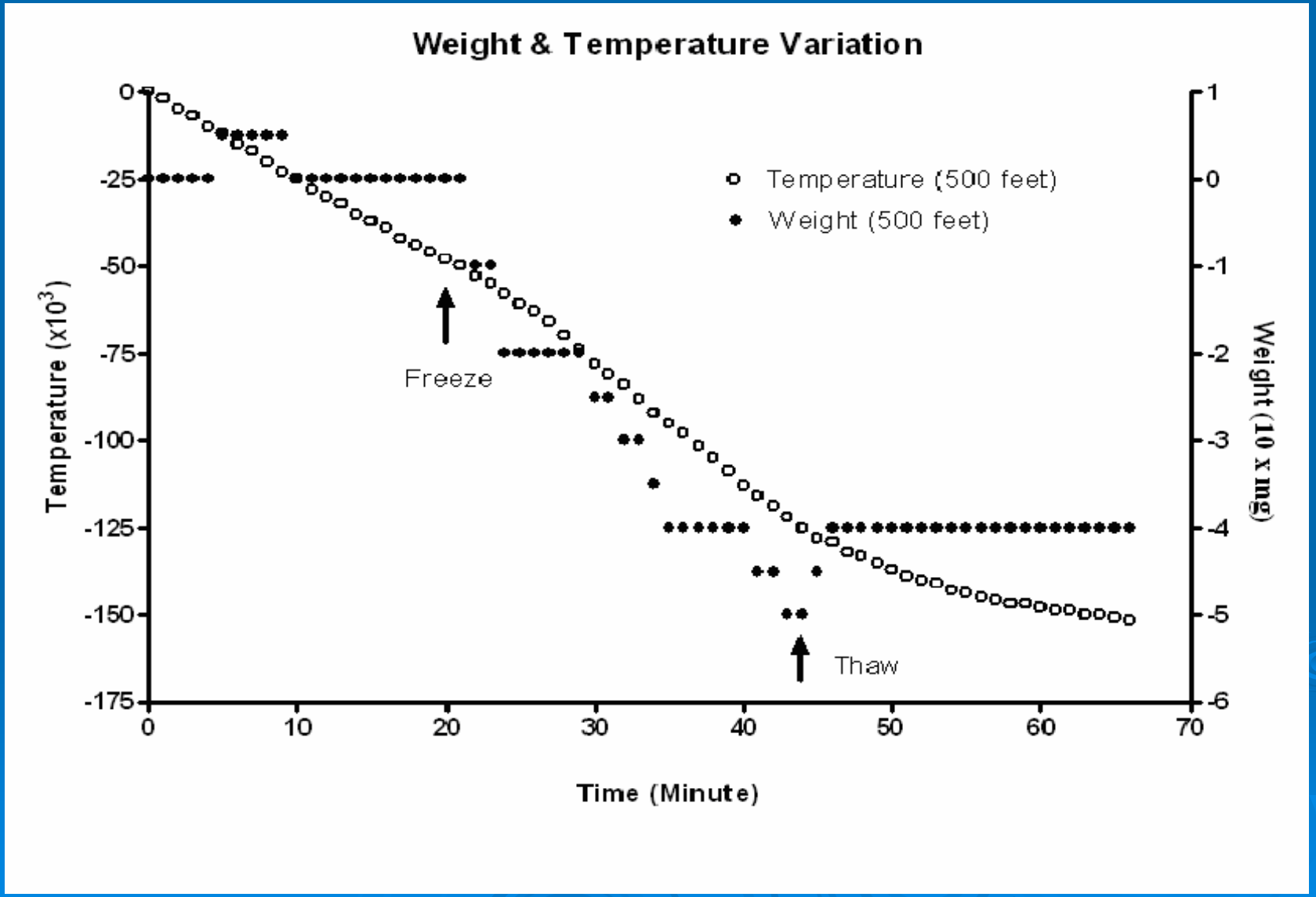
Results From Key Experimental Setup: Entangled Water



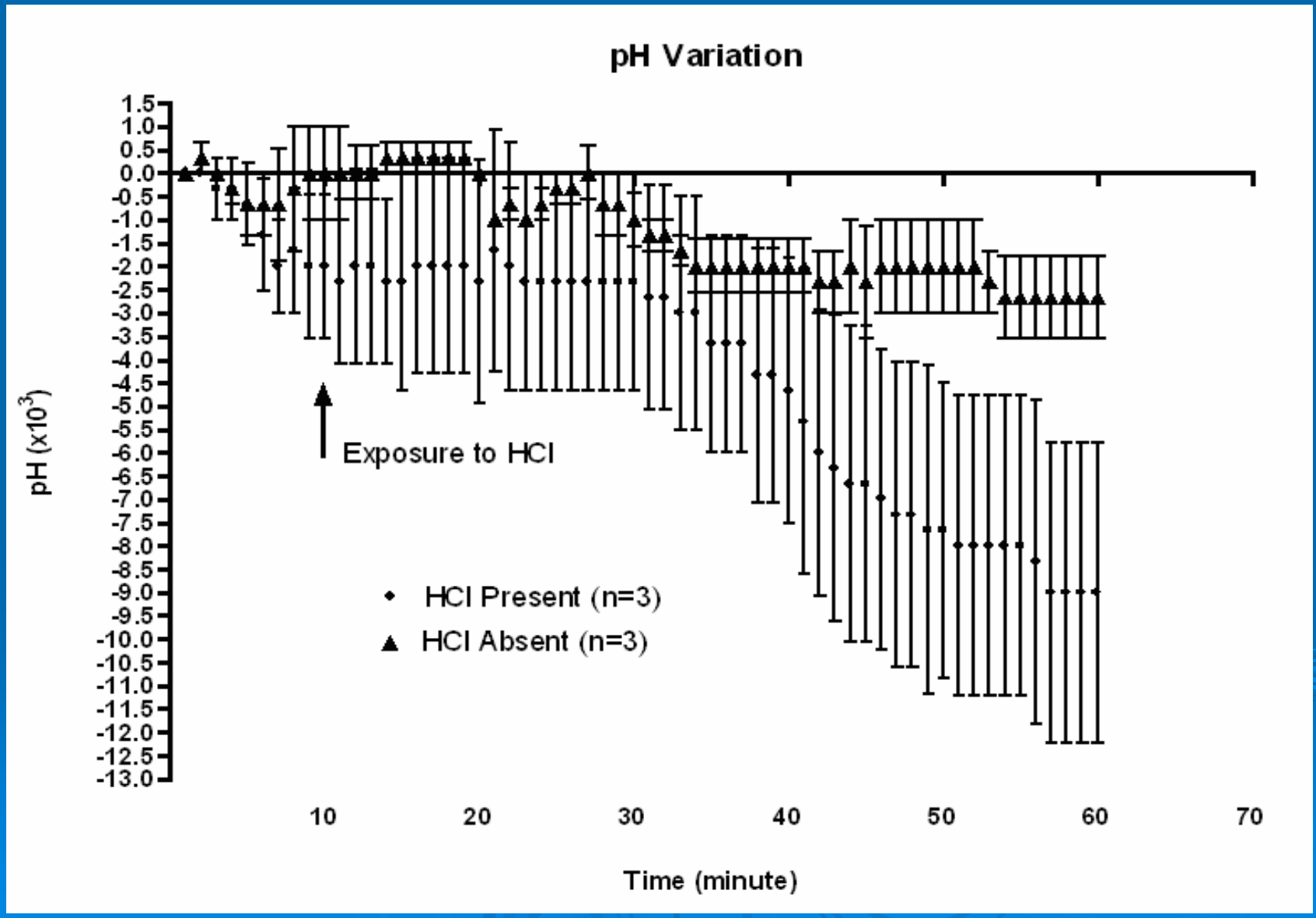
Results From Key Experimental Setup: Entangled Water



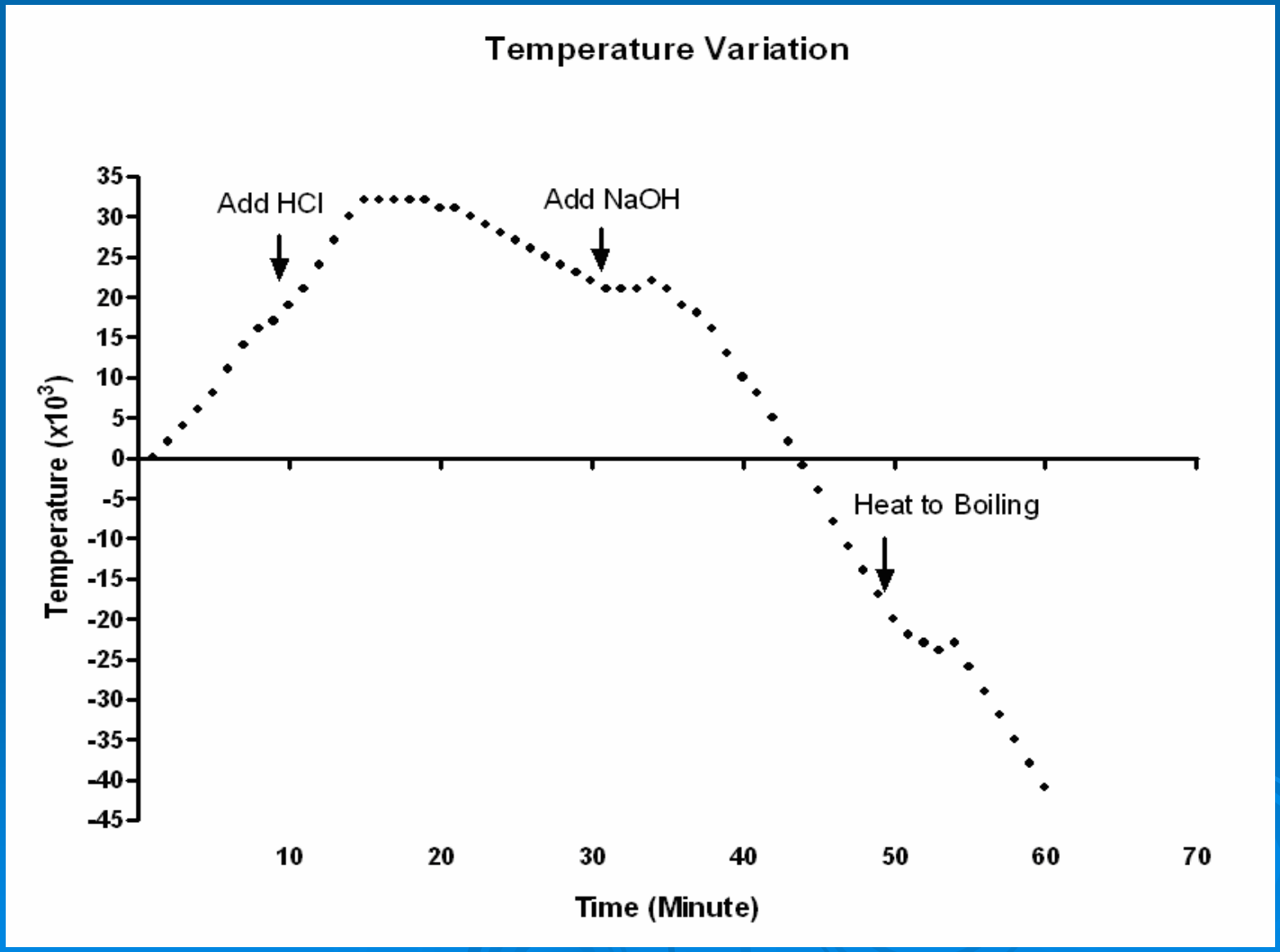
Results From Key Experimental Setup: Entangled Water



Results From pH Measurement Setup



Result From Entangled Water



First-Person Experience

produced by drinking 200ml tab water exposed to magnetic pulses for 30min in the presence of 20ml chloroform

- Within 10-15 minutes after consumption, felt gradually increasing brain effect as expansion and woodenness inside head and indescribable sickening sensation.
- Accompanied by stiffness in neck muscle, discomfort in stomach and throat, nausea, sneezing, eye ball pressure and pain and feeling of overall fatigue.
- These effects first gradually increased and then peaked between 30 minute to 60 minutes and then gradually weakened.
- However, residual effect much like hangover from heavy drinking would remain for more than 24 hours.

Is quantum entanglement the cause of the brain effects?

YES, indeed:

- With respect to the 2nd, 3rd & 4th sets of entanglement verification experiments, the only possible explanation for the brain effects experienced by the test subjects are that they were the consequences of quantum entanglement because the water consumed by the test subjects was never directly exposed to the magnetic pulses or the laser lights in the presence of the chemical substances under study.

- Other indications are: (1) the brain effect inducing mean could not be transmitted through an electrical wire; (2) the said inducing mean did not depend on the wavelengths of the photons generated; and (3) the order of interaction is irrelevant (mere interactions among the photons, a chemical substance and water will induce brain effects after consumption.

How to Explain the Brain Effects

- The brain effects in the first set of experiments were the consequence of quantum entanglement between the quantum entities in the brain and those in the chemical substances induced by the magnetic pulses.

- The brain effects in the second sets of experiments were the consequences of quantum entanglement between the quantum entities in the chemical substance and those in the water induced by the magnetic pulses or applied light and the subsequent physical transport of the water entangled with the said chemical substance to the brain and entanglement of the quantum entities inside the brain with those in the consumed water.

Summary of Our Findings

- Applying magnetic pulses to the brain when an anesthetic was placed in between caused the brain to feel the effect of said anesthetic as if the test subject had actually inhaled the same.
- Drinking water exposed to magnetic pulses etc. when an anaesthetic was placed in between also causes brain effects in various degrees.
- The brain effects are indeed the consequence of quantum entanglement.
- Temperature & pH of water in a detecting reservoir quantum-entangled with water in a remote reservoir changes in the same direction as that in the remote water when the latter is manipulated under the condition that the water in the detecting reservoir is able to exchange energy with its local environment.
- The gravity of water in a detecting reservoir quantum-entangled with water in a remote reservoir can change against the gravity of its local environment when the latter was remotely manipulated such that, it is hereby predicted, the gravitational energy/potential is globally conserved.
- Thus, we have realized non-local signaling using pH, temperature & gravity. Perhaps the most shocking is our demonstration of Newton's instantaneous gravity and Mach's instantaneous connection conjecture and the relationship between gravity and quantum entanglement.

Do These Results Support Our Spin-Mediated Consciousness Theory

YES, because the quantum entities responsible for the observed brain effects and physical effects are likely nuclear/electronic spins inside the brain or phys. system.

- The Non-local Bell measurement through magnetic pulse only quantum-entangles nuclear/electronic spins.
- Neural membranes and proteins contain vast numbers of nuclear spins such as ^{1}H, ^{13}C, ^{31}P and ^{15}N which are the natural targets of interaction with photons or E.M. fields.
- Nuclear/electronic spins form complex spin networks inside the brain. Especially nuclear spins have long relaxation times after excitations.
- Spin is responsible for all quantum effects in both Hestenes and Bohmian quantum mechanics.

Implications of Our Experimental Findings

- The properties of all matters can be affected non-locally through quantum entanglement mediated processes.
- Both classical and quantum information including biologically meaning information can be transmitted between locations of arbitrary distances through quantum entanglement.
- Instantaneous signalling is physically real which implies that Einstein's theory of relativity is in real conflict with quantum theory.
- Brain processes such as perception and other biological processes likely involve quantum information and nuclear and/or electronic spins likely play important roles in these processes. Quantum information may drive bio-systems to a more ordered state against the disorderly effect of environmental heat.
- These findings provide important new insights into the essence and implications of quantum entanglement. They also suggest a unified framework for explaining many paranormal and/or anomalous effects such as telepathy, telekinesis and homeopathy.

Applications of Our Experimental Findings

These findings enable various quantum entanglement technologies be developed:

- Some can be used to deliver on site or from remote locations of arbitrary distances the therapeutic effects of many drugs to various biological systems such as human bodies without physically administrating the same to the said systems. Of course, any substances of nutritional and recreational values can be repeatedly administrated through these technologies.

- Some can be used to manipulate and/or affect remotely various physical, chemical and/or biological systems including human bodies.

- Some can be used for non-local signaling and communications between remote locations of arbitrary distances in various ways.

- Potentially, some can also be used to engineer the gravitational properties of physical matters and develop new types of space vehicles. Others can be used to entangle two or more human minds for legitimate and beneficial purposes.

Independent Replication

- Our indicators for brain effects were qualitative and subjective (they do reflect the first-person experiences of the qualities, intensities and durations of these effects since brains were used as the direct probes).
- Replications by others are the key to independently confirm our results reported here.
- These experiments are simple and even “primitive” (but the results and implications are profound).
- So, please do your experiments (some groups are either planning or actually carrying out independent replications using both subjective and objective parameters.