

**When does a human person  
die?**

**When does the soul  
separate from the organism?**

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# Three definitions of “death”

**1. Circulatory Death**

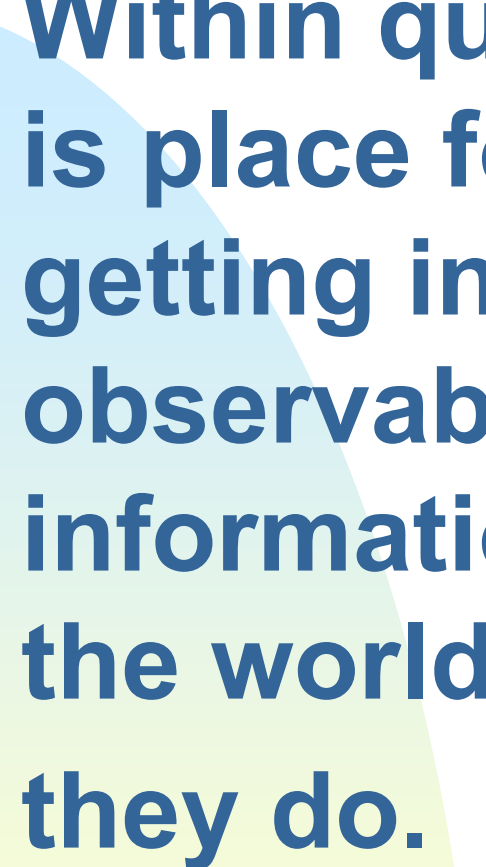
**2. Brain Death**

**3. Neocortical Death**

**How to decide?**



**Some principles of**  
***Quantum Philosophy***



**Within quantum physics there is place for spiritual agents getting information from the observable world and putting information into it, i.e. guiding the world through the choices they do.**



**Randomness is caused  
by free and intelligent  
agents**

# Proof by recent evidence

Notice of the Metropolitan Police  
at the entry of Canary Warf

Every vehicle entering  
this area can be  
submitted to a **random**  
control.

Red by me



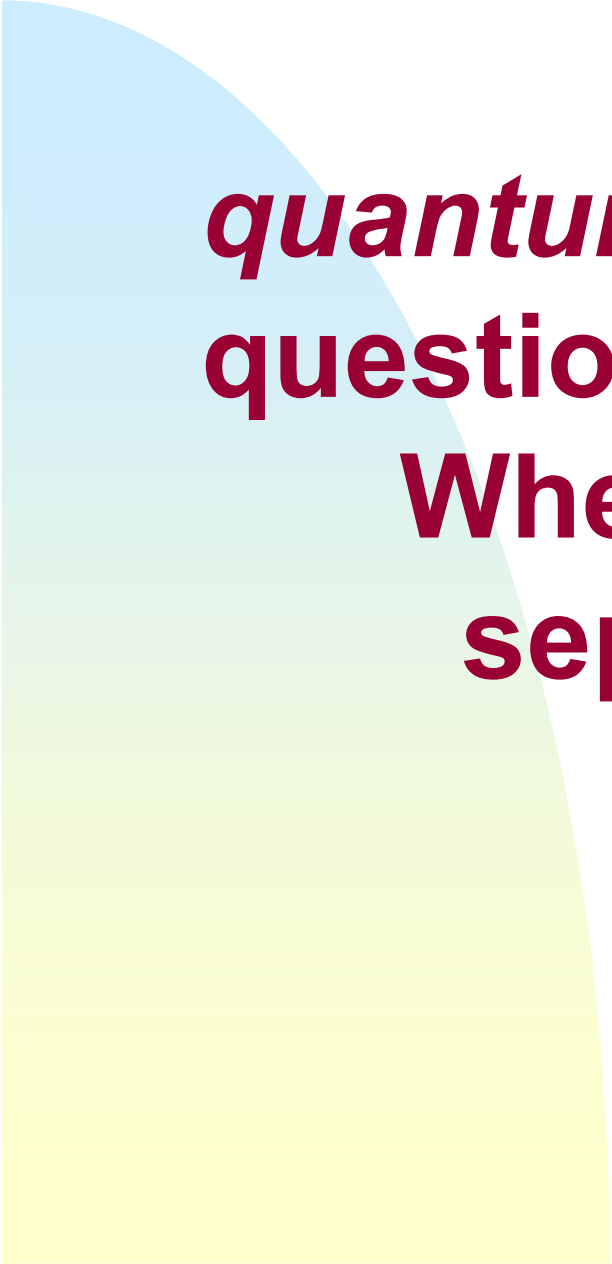
# The free will theorem in Quantum Physics

**“if indeed there exist any experimenters with a modicum of free will, then elementary particles must have their own share of this valuable commodity.”**

John Conway and Simon Kochen  
quant-ph/0604079

If human beings make free choices, then free choices happen in the Quantum World too.

**In quantum physics, laws of freedom may be introduced into the causality of the course of nature**



**Applying**  
*quantum philosophy* to the  
question of defining death:  
**When does the soul  
separate from the  
organism?**

**My soul is now regulating the  
movements of my lips, eyes,  
tongue, head, hands,  
my breathing  
while I am speaking to you**

These movements reveal my spiritual soul to you.

Seeing these movements you are “seeing” my spiritual soul

# Spontaneous movements

By *spontaneous movements* we mean movements of the human body like arm, leg, and lip movements, head flexion and rotation, eye and breathing movements. Even if they are often unconscious and even intentionless, they are potentially will-directed movements, i.e., they can always be directed by the will when chosen. In contrast to these movements of the lips, tongue, eyes, fingers, etc., it is not possible to use “heart beating” to communicate messages.

Movements which are not caused by some stimulus external to the body, but which are strongly programmed by biology and cannot be brought under the immediate control of the will, we call *autonomous* movements.

Another kind of movement that escapes the control of the will is a nerve *reflex* reaction that has an external cause. Neither autonomous movements nor reflexive ones are meant to be connoted by our term “spontaneous”.

(Huarte and Suarez 2004)

# Quantum philosophical explanation of the soul-brain unity (quantum hylemorphism)

Consider I typewrite the following characters:

dkfjvnmfkeidjskdndkfjldckdlfkemckdmfklddmkdlgoodmorningkfneidngood  
eveningfkvn

Both, the finger movements leading to the black characters above and those leading to the red ones, originate from choices I operate through my free-will.

Most of the time my soul's presence is revealed by meaningless spontaneous movements, and from time to time by meaningful movements.

**A specific human body  
capable of developing  
spontaneous motility is  
animated by a spiritual soul**

**1. A brain-death organism is not a  
human person.**

**2. Patients in irreversible vegetative  
state and anencephalic children  
are persons**



**End**