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# Book Review 'Brain and Spirit Mapping and Some of Its Secrets' (Malay Version)

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#### **INTRODUCTION**

It is said that the function of the brain includes all the functions of the body. This characteristic of the brain makes it appear as if "from one to many, and from many to one" like the heart organ. The function of the heart is to pump blood from one organ of the heart to all parts of the body including the brain. Therefore, the brain and the heart are seen as two special organs and they are interconnected. Before looking in detail about the brain and the heart, it is good that we first look at the function of the brain. This brain function can be mapped using various techniques. At the Universiti Sains Malaysia Hospital, brain function mapping can be done using magnetoencephalography (MEG), electroencephalography (EEG), electrocorticography (ECoG), functional magnetic resonance imaging (fMRI), brain stimulation during conscious brain surgery, transcranial magnetic stimulation (TMS) ) and diffusion tensor imaging (DTI). This method can help neurosurgeons perform surgeries more safely.

Waves have characteristics of up and down, oscillating motion to the right and to the left and so on. Frequency is a scientific method for evaluating waves. Examples of waves are ocean waves, auditory waves (sound), radiation waves (light), pulse waves, breath waves, blood pressure waves, intestinal movement waves and brain waves. An interesting fact about waves is that atoms are also classified as waves. Physicists have identified that atoms can exist in two forms, namely the form of particles or the form of waves. These things are known as twin waves of atoms. In short it is the waves that make up this life. The important question here is "is this wave an indirect manifestation of the spirit?" As

we know, spirit is an important entity in this life; without the spirit, the body will die and disintegrate. Therefore, the spirit indirectly makes living things seem alive; and non-living things seem to exist. If there is no spirit, living things will die; and things that do not live and things that live but die will eventually disintegrate and disappear. In short, spirit is an important thing in life. When the brain is referred to as a wave, then we can conclude that there are two forms of waves in the brain, which are anatomical brain waves, the physical particles of the brain that are seen in the form of waves and physiological waves of the brain, which are brain waves. It is this brain wave that gives life, energy to live and various bodily functions such as to move, think, see, hear, be emotional and so on. Therefore, many scientists study brain waves and relate them to various functions of the body and brain. An interesting study in this regard is a study that seeks to find the origin of these brain waves. In 1952, Magoun identified that brain waves originate from brain structures located at the center of the brain. This anatomical area of the brain is known as the large limbic system. This book also looks at the scientific connection that may exist between the brain, the brain waves, the area of the brain known as the large limbic system and the center of the spirit. The content of the brain is 70% water and 30% solid; of that 30% solid, 70% is fat. Therefore, the brain easily floats even when it is in an area with very little brain fluid. This buoyancy is known as buoyancy or antigravity. From a functional point of view, the brain is an organ that controls all body functions, controls all organs in the body and it is closely related to external activities or the environment. The center of the brain is a special area, it is closely related to the origin of brain waves; the area that controls all body functions. It is believed that the brain center has at least one node for a certain brain network. It is the center that determines death, coma and memory loss; as well as the connection that may exist with the spirit.

There are several conclusions that can be drawn from this book. The first is that waves and spirits are the essence of man and nature. The second is that atoms can exist in two forms, which are mass/particles or waves. The third is that this wave may be an indirect manifestation for the spirit, because it is closely related to energy or life. The fourth is that when waves and spirits are referred to the human body, it can be concluded that the center of the brain is the center for the human spirit. Fifth is cardiac death referring to the death of

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the heart (and later also the brain); brain death refers to the death of the brain only (then also the heart). The heart can be helped with machines and drugs but the brain cannot. There is no tool yet that can revive brainwaves that have leveled off. The sixth is that from this interpretation, it can be said that the brain is higher or superior than the heart.

#### References

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