Baldness gives unhappiness to a person. People feel it as a sign of getting old and the person feels that because of his baldness his looks suffer. People will do anything and go to any length to get a good crop of hair on their head. Worldwide hair loss treatment industry is worth $ 3.5 billion/year.

However, new scientific evidence suggests that infrared (IR) radiation in solar energy is transmitted through bald head and may help in repair of neurons, their generation, and stop or reduce the ravaging affects of Parkinson’s disease.

Bald human skull allows 10% of incident IR radiation to pass through it. IR radiation which has wavelength of 750-1500 nanometers is not visible to the naked eye and is the source of heat. On the other hand visible radiation has wavelengths in the range of 450-750 nanometers.

Around 50% of solar radiation falling on earth is in the IR range. Nature uses this radiation very effectively since it helps in producing wind, evaporating sea water to form clouds and produce rain and to help the neurons function effectively in brain.

How the IR radiation helps in neuron repair and regeneration is still not fully understood. Some scientists say that IR, since it is mostly heat, helps in increasing the brains temperature and hence the activity of neurons while others say that the mitochondria, the engine which provides energy to cells gets repaired and energized by it leading to neuron repair and generation. Nevertheless the beneficial effect of IR on brain is evident and has been shown in human and animal trials.
Infrared light therapy now days is also being used and promoted as a powerful and noninvasive treatment for patients suffering strokes, head injuries and as an eye treatment.

In all ancient civilizations whether Greek, Egyptian, Indian etc. and in various religions, baldness or shaven head was identified with philosophers, monks and priests. Some say that it was done to differentiate such people from common folks. Thus a person with shaven head wearing an ochre robe is normally identified as a Buddhist monk or a Sanyasi.

But I feel that the ancients understood the power of solar energy on the bald head and hence the practice developed. Thus it is possible that our ancient tradition of invoking Gayatri Mantra and practicing Surya Namaskar could be traced to the understanding of beneficial effects of solar energy radiation on human body.

The penetration of IR radiation into human brains is quite shallow and attenuates within 2-3 cms of entering the brain tissue but the blood flow in the brain allows the regenerated and repaired brain cells to be transported to different parts of brains.

Why are neurons affected by IR radiation? A possible explanation could be that during their firing they produce a feeble radiation in the IR range and by principle of equivalence they react positively to it.

So bald people, rejoice that nature and especially solar energy will help you in improving your brain and provide happiness since a supple and powerful brain is necessary for creating happiness. The main thing is to sit in the sun for 10-15 minutes everyday. Not only will your brain become better but you will also get much needed vitamin D.

**Disclaimer:** Author has a thick mop of hair and hence he has not experienced firsthand the beneficial effects outlined in this paper!
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