



## Emotional Expressions by Eyes for Finding Treatment

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How swiftly and truly eyes express emotions, we very well know. This expression is so honest that even hardened criminals find difficult to hide their emotions, although expressions through other part of face as lips or mouth they find easy to hide.

Therefore, only eyes are called windows of soul.

But I am amazed to see that in the entire modern ophthalmology how this gifted quality of nature to the eyes have not been mentioned. I should say this aspect has never been used to find solutions of eye ailments such as the irreversible loss of vision.

There are many wonderful facts known about this sense organ through which we perceive about 80% information of surrounding, as eyes can recognise millions of colors, retina can be stimulated by as low as 4 photons etc.

But more than all this, expression of feelings by the eyes seems to me most curious of all.

We very well know that only three cranial nerves, that is, 3<sup>rd</sup>, 4<sup>th</sup> and 6<sup>th</sup> supply different muscles of the eyes as well as expression of feelings like joy, love, anger, fear or curiosity.

As when we narrow our eyes so that on one hand light is partially blocked and we also pinpoint our focus, this posture we usually use with emotions when we are suspicious.

Amazing fact is that none of these cranial nerves originate or have connections with the Limbic system of brain which is involved with emotional aspects of human life.

3<sup>rd</sup> nerve or Oculomotor nerve originate from the oculomotor nucleus situated in the midbrain, trochlear nerve originate from trochlear nucleus in the midbrain and 6<sup>th</sup> nerve, abducens originate from the abducent nucleus in the lower pons. These nerve supply different muscles of eyes.

Other interesting aspect which has never been analysed so far in ophthalmology is that main visual area of brain which decodes all signals lies in the occipital area, situated far away from the eyes.

This aspect has been never thought why our eyes are designed like that?

This aspect requires a deeper and different understanding of this sense organ, assimilating with the traditional knowledge and if correctly applied might have a way to find a solution for the eye ailments.

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