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Pinocchio Effect: Nose Temperature Rises When People Lie, Says Study



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It's said that we can catch a liar if we closely follow the person's physical and verbal signs. But reading these signs may be very difficult, and like Pinocchio's, the nose is not going to grow either, every time a lie is uttered.

Guess what the researchers at the University Of Granada in Spain who applied the technique of thermography, have to say about the changes that take place in our body when we lie?

According to the researchers, when a person lies, the temperature around the nose and in the orbital muscle in the inner corner of the eye increases.

A brain element called "insula", which is central to the brain reward system, is activated only by real feelings. However, there is a negative correlation between insula activity and temperature increase in the sense that the more active the insula is, the lower the temperature change, and viceversa.

So when a person doesn't experience real feelings and lies, there is not much of insula activity, and it induces a temperature increase, explain the scientists.

by RTT Staff Writer

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