

Lie to me \*

\*The truth is written all over our faces.

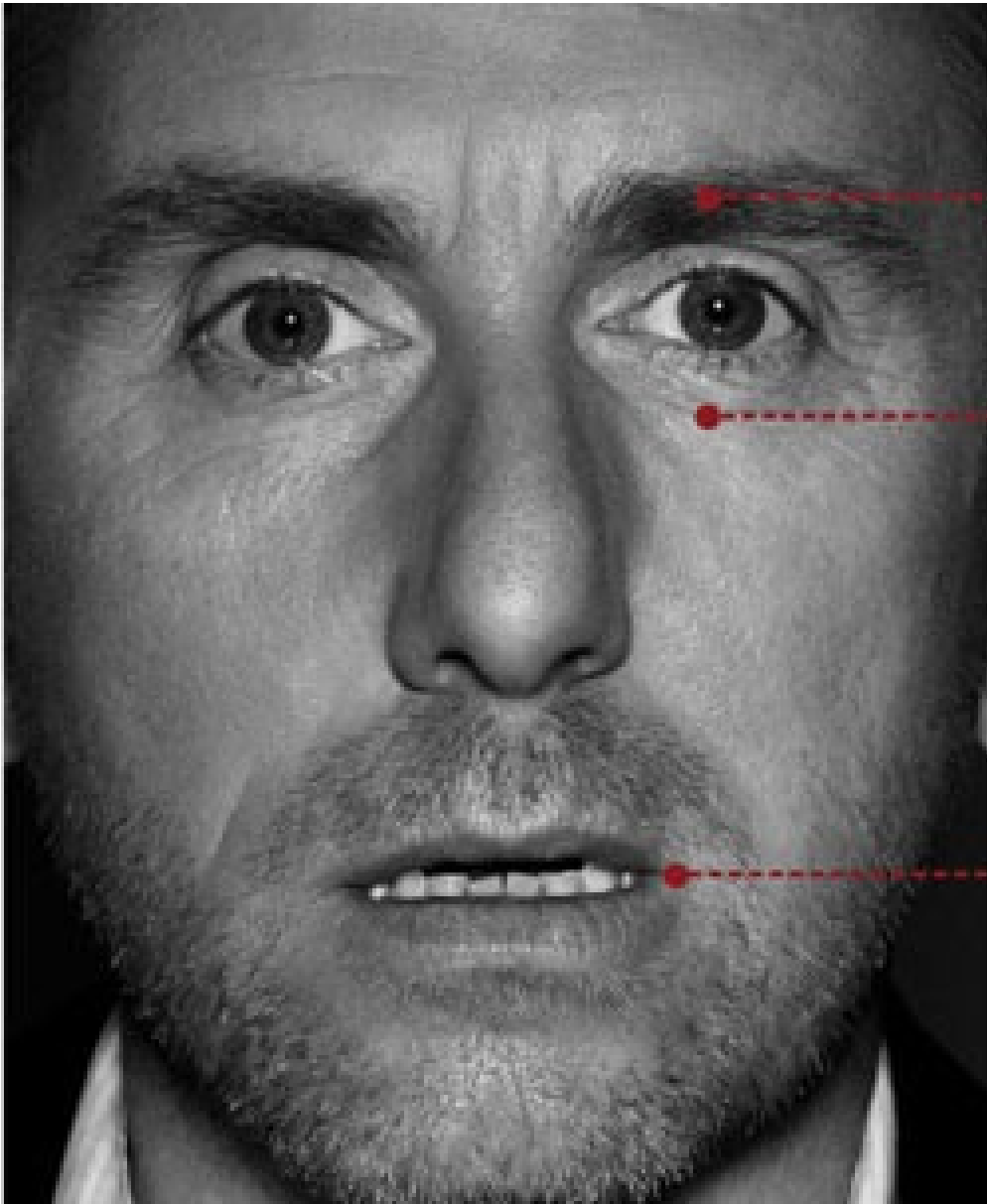


# Lhaní

- Cvičení: Řekněte druhému tři věty. Dvě jsou o vás pravdivé a třetí je lživá. Druhý má uhádnout, která je ta lživá.
- Podle čeho poznáte lháře?
- Udělejte cvičení znovu

- Kdo je Paul Ekman?
- Co je to mikro výraz tváře?
- Co je to hotspot?



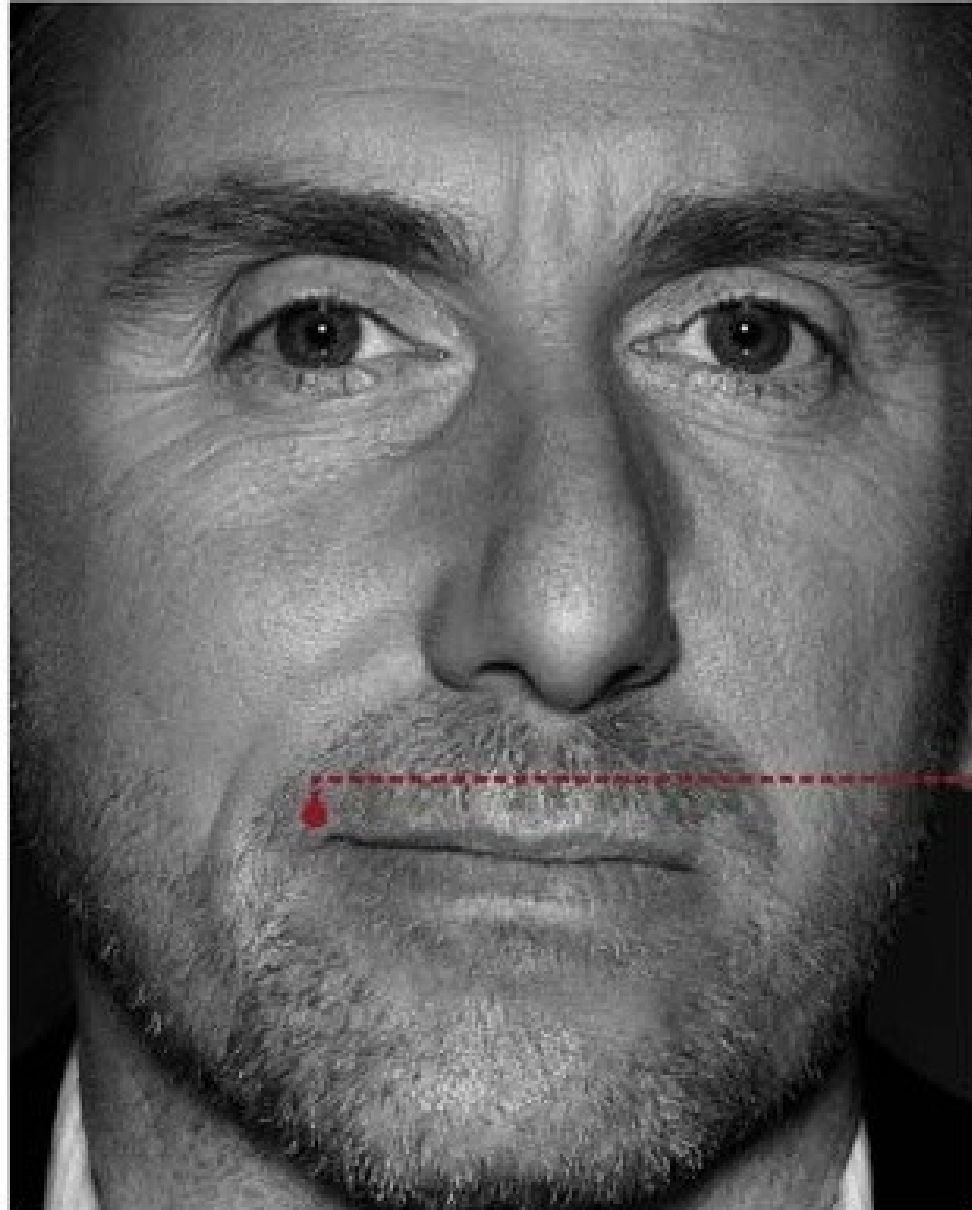


Lasts for only one second:

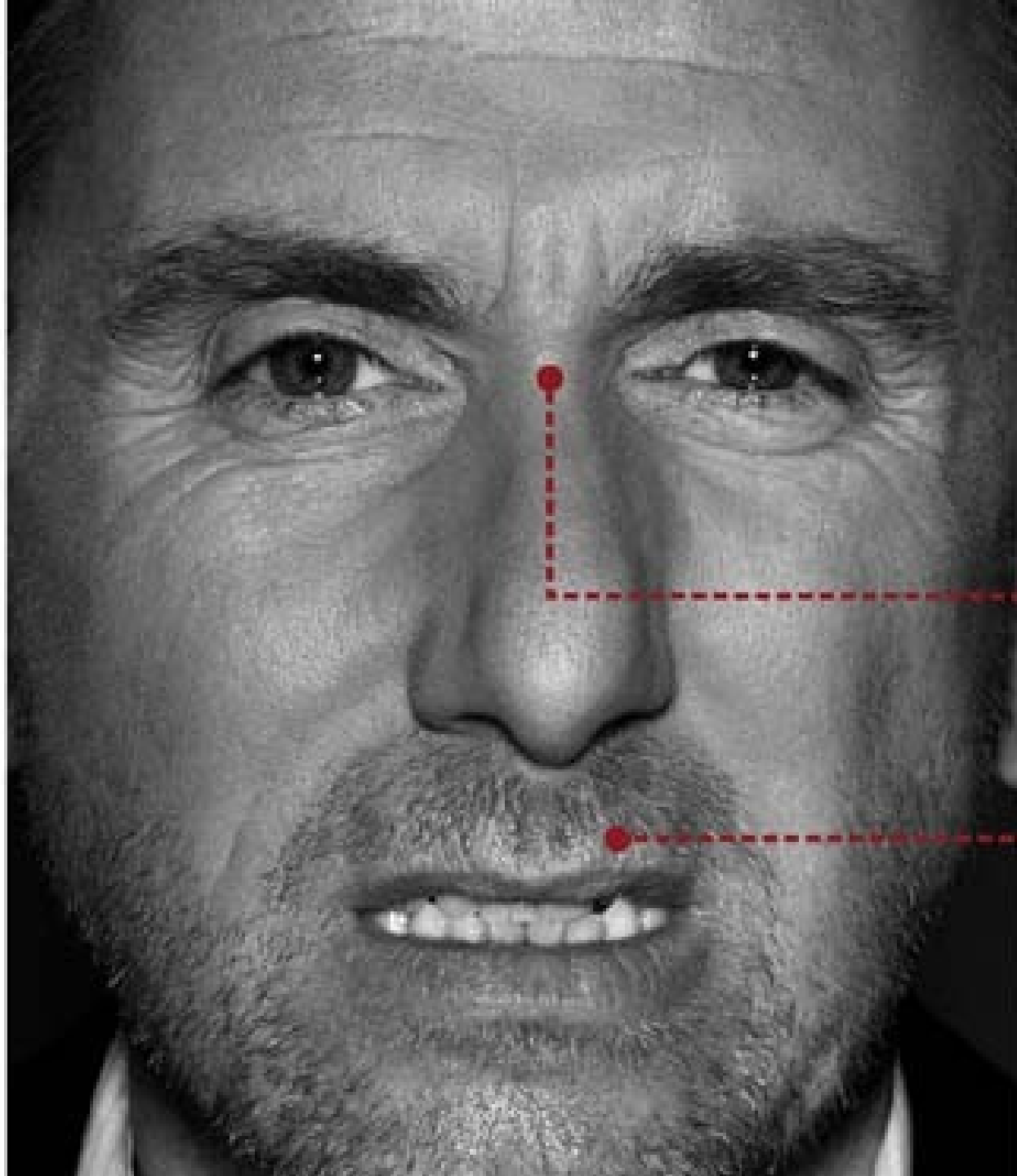
① eyebrows raised

② eyes widened

③ mouth open

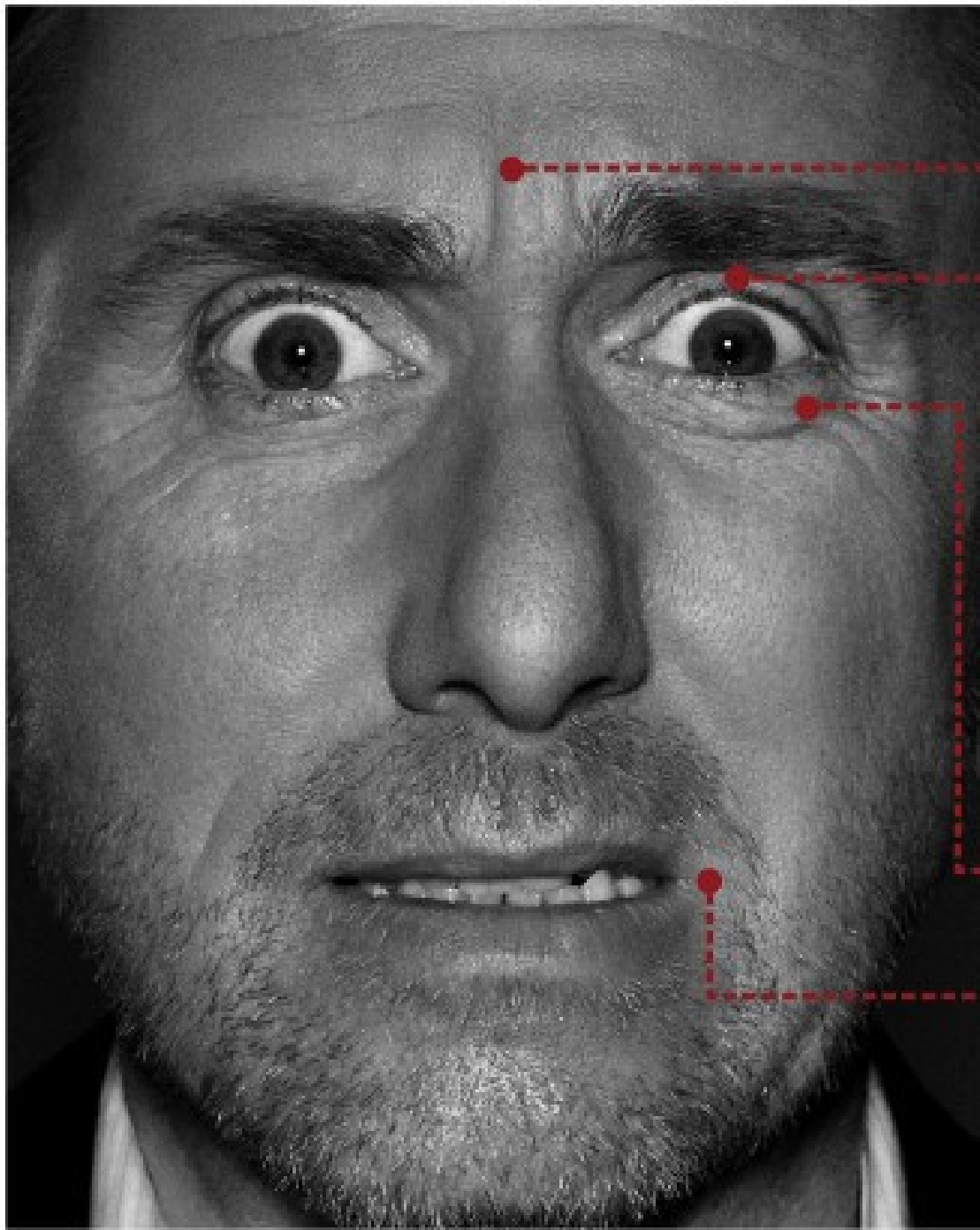


① lip corner tightened and raised on only one side of face



① nose wrinkling

② upper lip raised

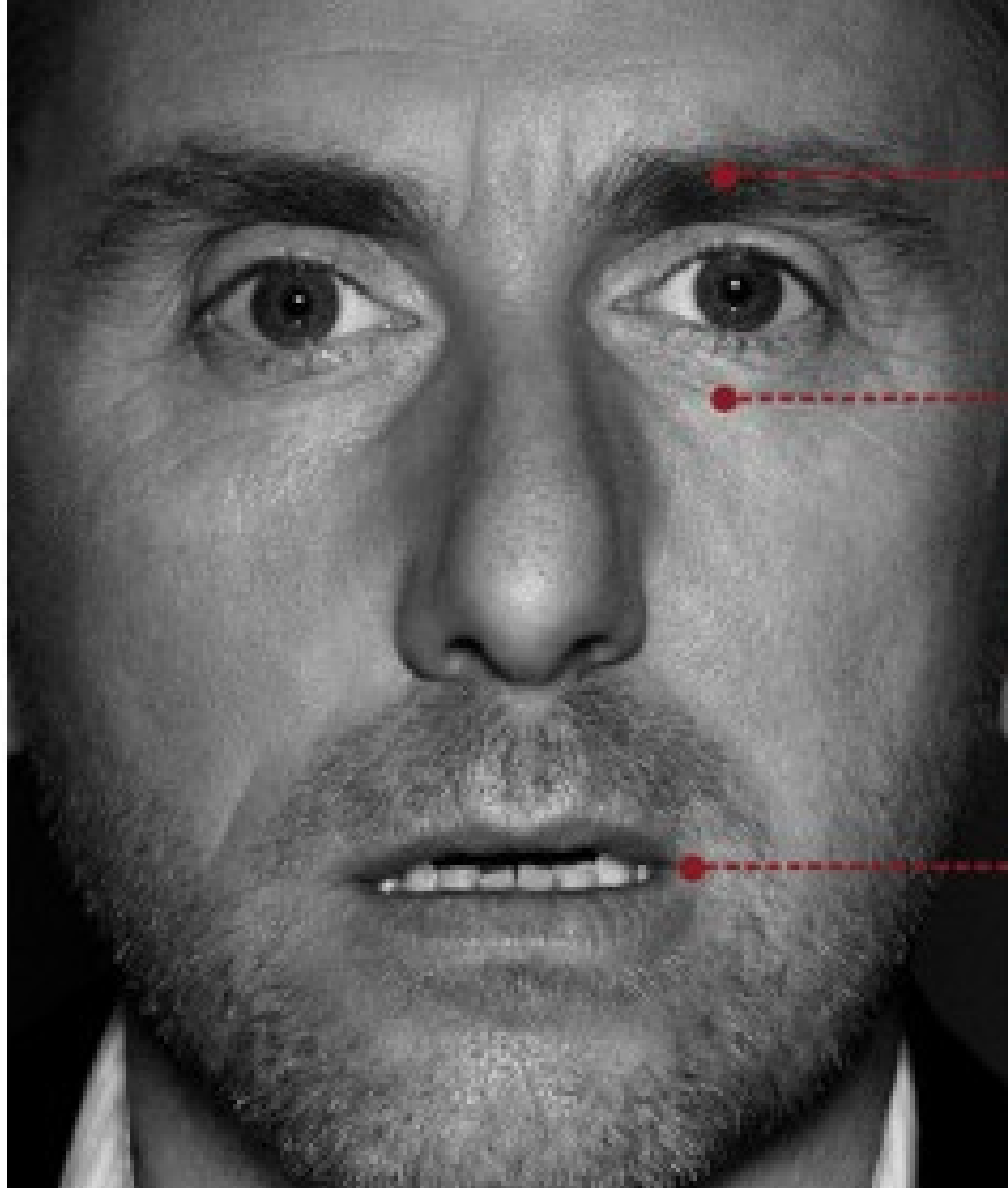


① eyebrows raised and pulled together

② raised upper eyelids

③ tensed lower eyelids

④ lips slightly stretched horizontally back to ears



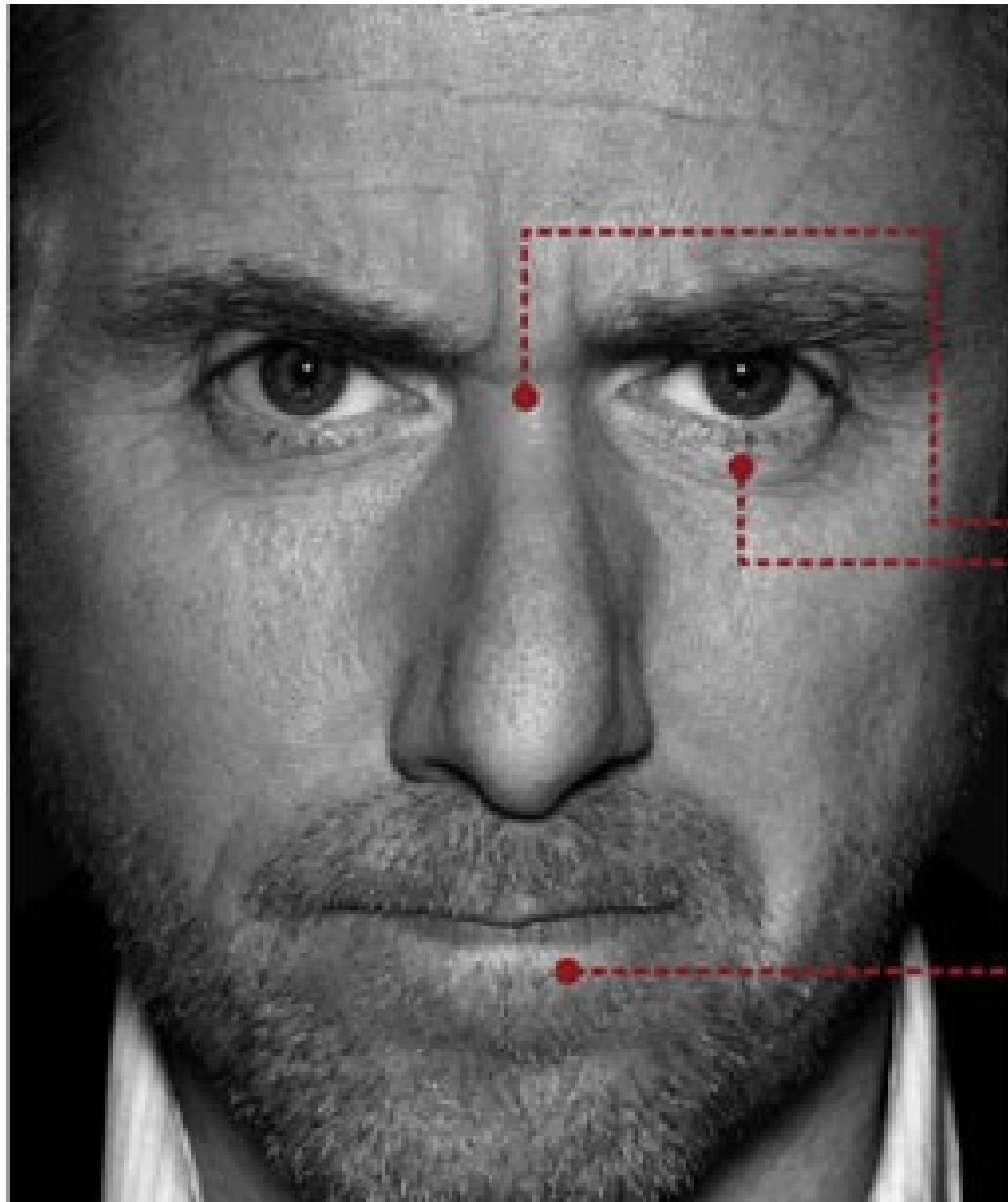
Lasts for only one second:

① eyebrows raised

② eyes widened

③ mouth open

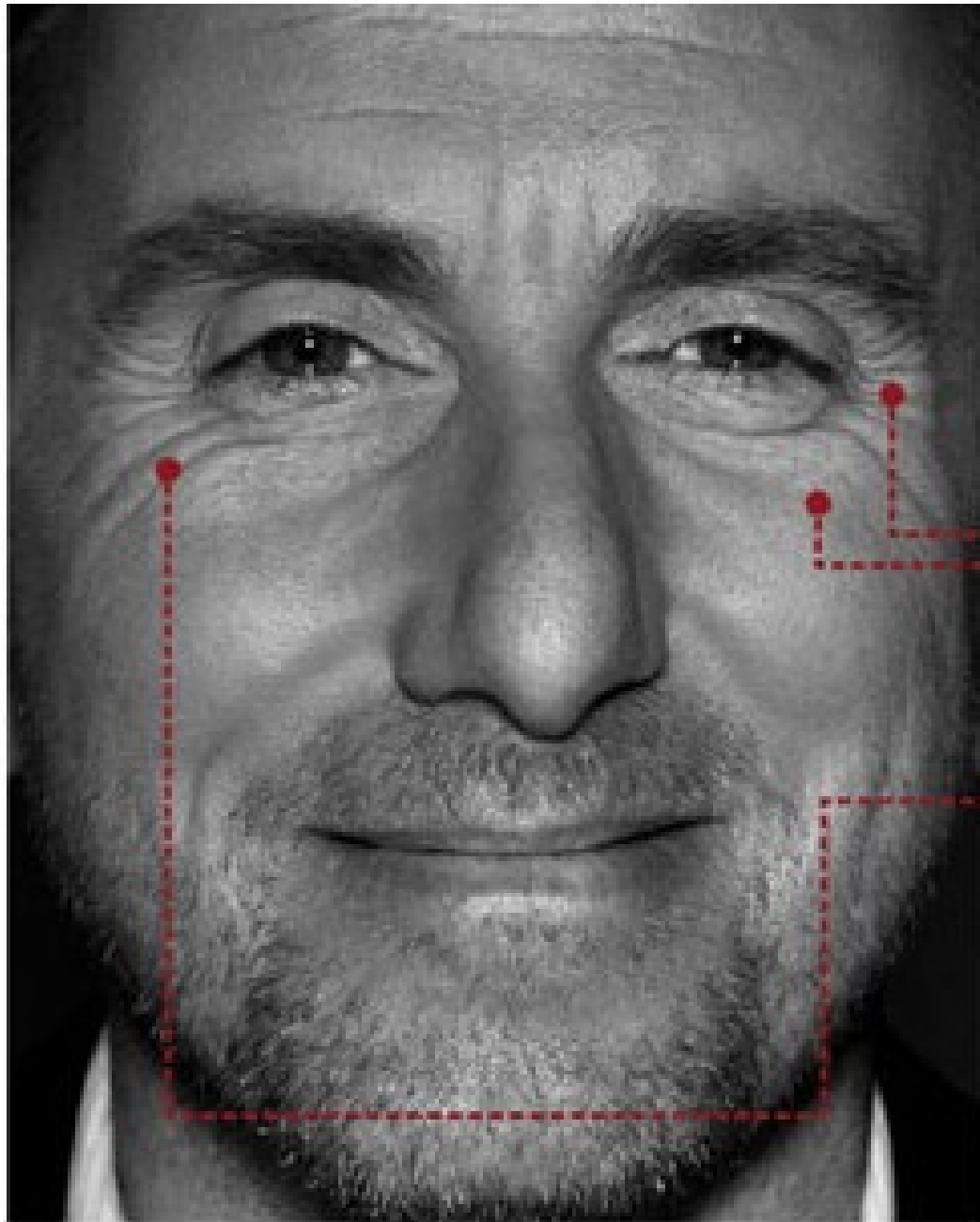




① eyebrows down  
and together

② eyes glare

③ narrowing of the lips

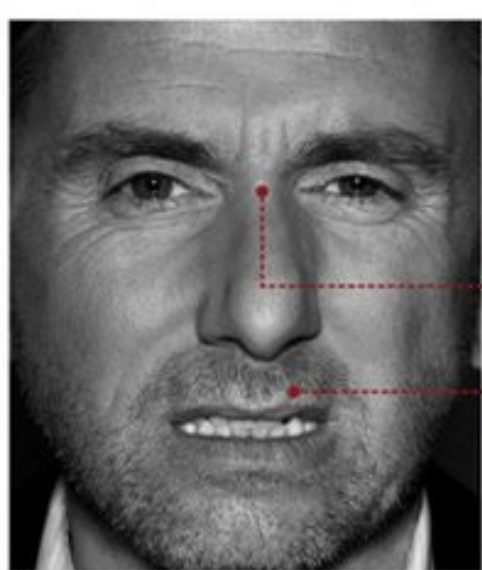


A real smile always includes:

① crow's feet wrinkles

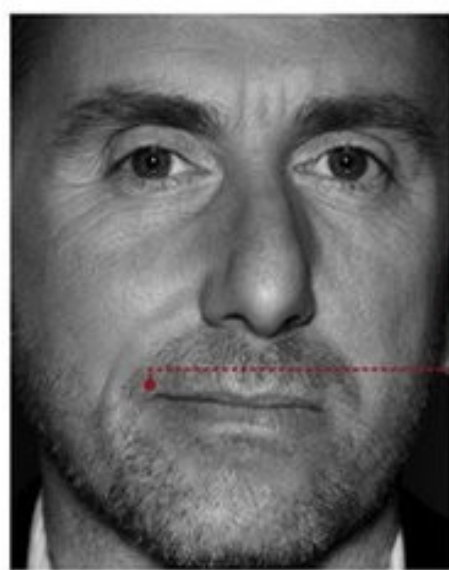
② pushed up cheeks

③ movement from  
muscle that  
orbits the eye



## disgust

- ① nose wrinkling
- ② upper lip raised



## contemp

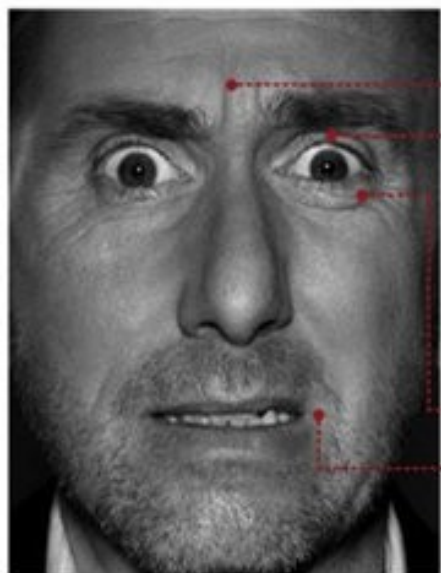
- ① lip corner tightened and raised on only one side of face



## sadness

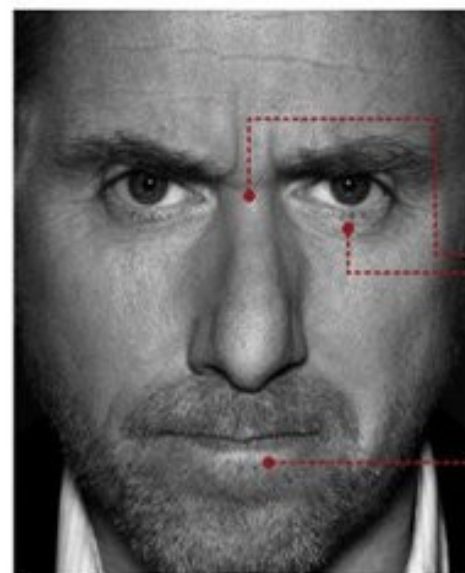
- ① drooping upper eyelids
- ② losing focus in eyes
- ③ slight pulling down of lip corners

# Lie to me\*



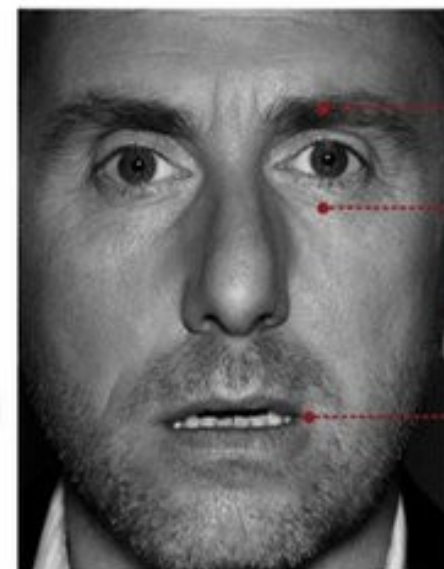
## fear

- ① eyebrows raised and pulled together
- ② raised upper eyelids
- ③ tensed lower eyelids
- ④ lips slightly stretched horizontally back to ears



## anger

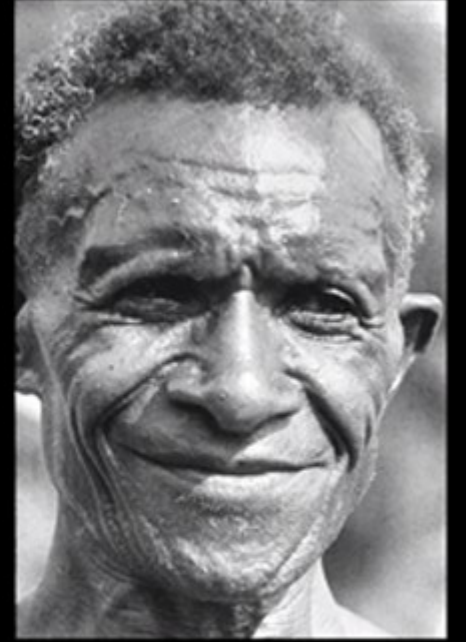
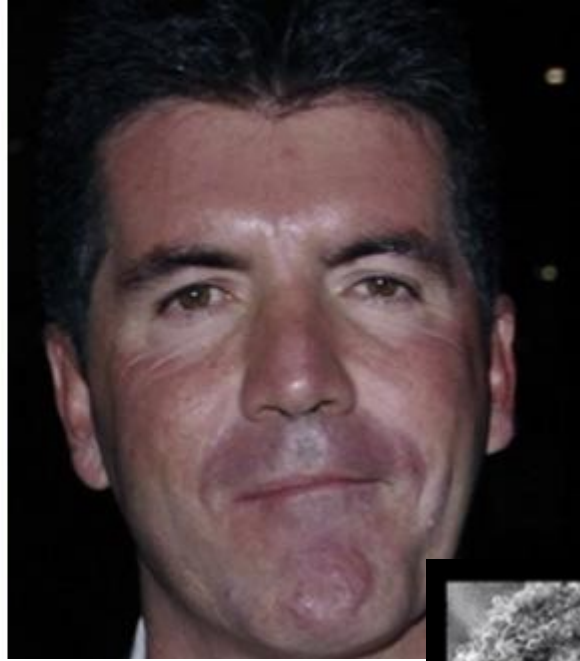
- ① eyebrows down and together
- ② eyes glare
- ③ narrowing of the lips



## surprise

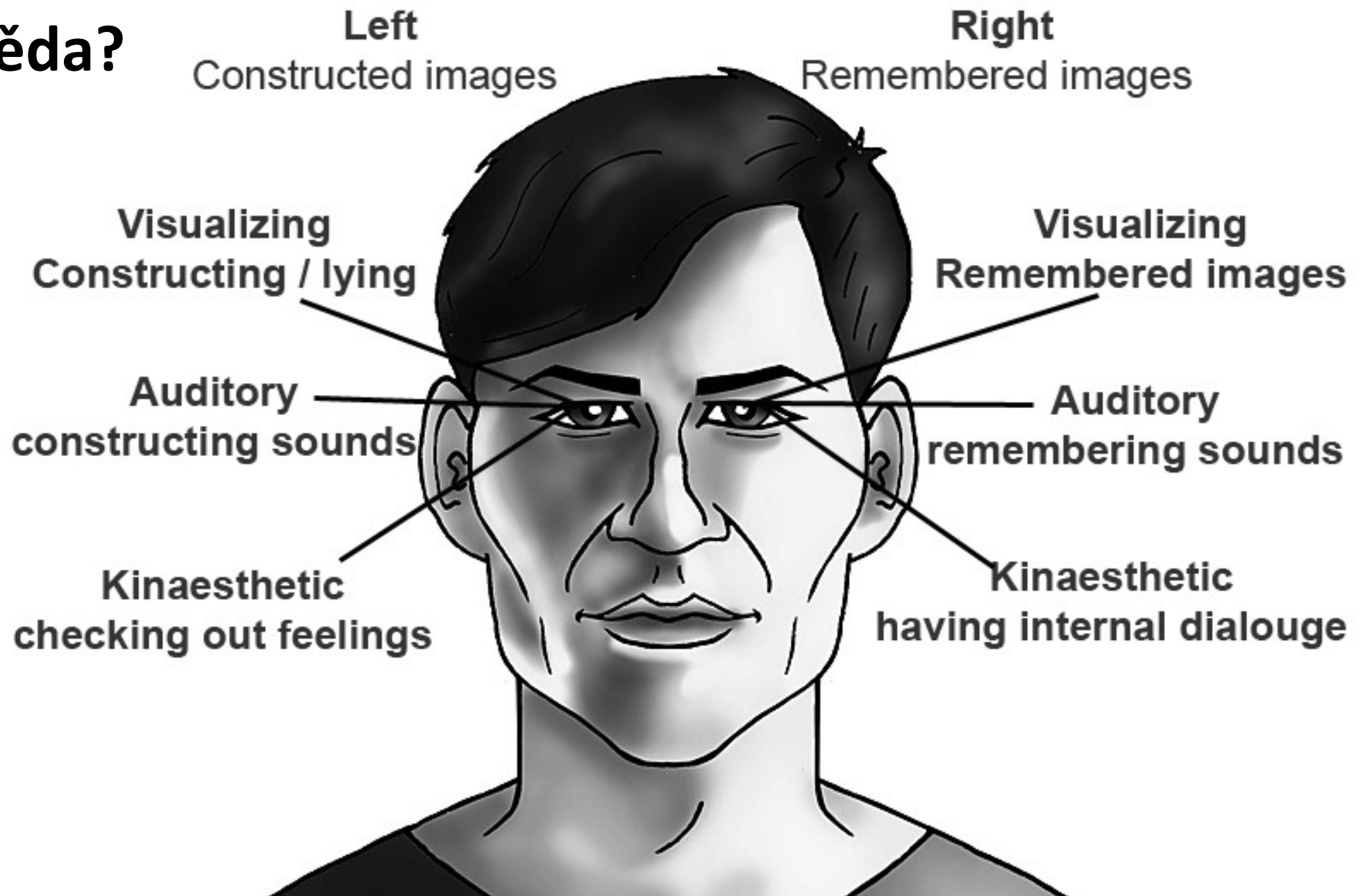
- Lasts for only one second:
- ① eyebrows raised
  - ② eyes widened
  - ③ mouth open







# Pseudověda?



Eyes position as looking at another person

# The Eyes Don't Have It: Lie Detection and Neuro-Linguistic Programming

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## Abstract

Proponents of Neuro-Linguistic Programming (NLP) claim that certain eye-movements are associated with lying. According to this notion, a person looking up to their right suggests a lie whereas looking up to their left suggests truth telling. Despite widespread belief in this claim, no previous research has examined if the eye-movements of participants who were lying or telling the truth were coded, but did not match the NLP hypothesis. In one group of participants were told about the NLP eye-movement hypothesis whilst a second group was not. Both groups then undertook a lie detection test. No significant differences emerged between the two groups. When coding the eye movements of both liars and truth tellers taking part in high profile press conferences, no significant differences were discovered. Taken together the results of the three studies fail to support the NLP hypothesis. Theoretical and practical implications of these findings are discussed.

**Citation:** Wiseman R, Watt C, ten Brinke L, Porter S, Couper S-L, et al. (2012) The Eyes Don't Have It: Lie Detection and Neuro-Linguistic Programming. *PLoS ONE* 7(7): e40259. doi:10.1371/journal.pone.0040259

