

## **Psycho-physiological examination of the veracity of statements obtained by the use of a polygraph - some key questions**

**Polona Selič, Ph.D.** in Psychology, Independent Adviser at the Office of the Human Rights Ombudsman, Dunajska 56, 1000 Ljubljana, Slovenia

**Andrej Juratovec**, Graduated Social Worker, Polygraph Examiner, Senior Criminal Investigation Inspector, Crime Investigation Unit, Ministry of the Interior of the Republic of Slovenia, Štefanova 2, 1000 Ljubljana, Slovenia

The paper defines basic concepts of the psycho-physiological examination of the veracity of statements obtained by the use of a polygraph. Special attention is devoted to the concept of deception of a polygraph examiner and to the phases of a polygraph examination. In these terms, the difference between a numeric and global (clinical) approach is stressed. Together with deception (of a polygraph examiner) and anti-measures (cheating), the paper also explains and describes counter-measures by means of which it is possible to ensure a professionally irreproachable use of the polygraph method. Finally, the paper provides guidelines for development and indicates important points which have to be taken into consideration in the perception and prevention of cheating of a polygraph examiner during a polygraph examination.

In the discussion of anti-measures, the authors also address the issue of relevant test formats and explain the inadequacies of Roso's test with a control question, which has not yet been surpassed nor given up in Slovenian practice.

**Keywords:** deception of polygraph examiners, anti-measures against deception, counter-measures (against deception), numeric approach, global approach, phase of polygraph examination, test format, Roso's test with a control question

**UDC: 343.144.5**