

NERVOUS SYSTEM - DEPENDENT BREATHING DISORDERS AS DEMANDING PROBLEM OF MODERN HEALTH CARE SYSTEM

J. Drobnik^{2,4}, R. Suslo^{1,3} and J. Trnka¹

¹Department of Forensic Medicine, Wrocław Medical University, 4 Mikulicz-Radecki St., 50-345 Wrocław, Poland

²Department of Family Medicine, Wrocław Medical University, 1 Syrokomla St., 141 Wrocław, Poland, jardrob@wp.pl

³Public Health Department, Wrocław University Hospital, 213 Borowska St., 50-556 Wrocław, Poland

⁴Department of Gynecology, Opole State Medical Profession High School, 68 Katowicka St., 45-060 Opole, Poland

Nervous system pathologic conditions causing breathing disorders are very different in nature. They can result from acute or chronic conditions affecting central or peripheral parts of nervous system. Those conditions may be of different nature - including variety of genetic disorders, developmental malformations, inborn illnesses, infectious diseases, metabolic dysregulation, atheromatosis and results of trauma or intoxication. Based on standard epidemiological reports in most cases it is impossible to distinguish between the cases of the given illness that have caused breathing impairment and those which have not. This in turn makes it extremely difficult to identify true incidence of nervous system dependent breathing disorders in the population as well as the true needs of the region for therapy, rehabilitation and support. Such crude estimations must be made only based on combining knowledge about typical clinical manifestations of the given pathologic condition with epidemiological data determining its incidence in the given population and amount of associated medical services reported by their providers or paid for by the insurance institutions. Moreover, the results of the study indicate that in Poland those data are still incomplete and highly inconsistent when retrieved from different sources and compared to each other, which makes health politics difficult.