

Ostry uraz akustyczny i termiczny ucha spowodowany awarią telefonu komórkowego

Acute ear trauma caused by failure of mobile phone/cellular phone

Katarzyna Amernik, Anna Kabacińska, Czesława Tarnowska, Beata Paradowska-Opałka

Summary

The case of acute acoustic and burn ear trauma caused by mobile phone failure is presented. A woman aged 24 after dialling a phone number and putting a phone into the ear heard a sound of high frequency and intensity. At the same time she felt a pain and heat and there was also a smoke from the phone. With otoscopic examination a burn of external acoustic duct (I0) and sensitive hearing loss (examination made with tuning forks) were stated. The patient did not agree to stay in hospital and she was administered prednizone, trimetazidin and xantylol nicotinate. Audiometric examination, which was made on another day, showed hearing loss of 30 dB for frequency 4000Hz. After 2 days she started to hear a sound like a sea noise in her right ear. In the control examination, made 2 weeks after injury, no abnormalities in audiogram were stated but the patient still heard ear noise. She continued to take trimetazidin and betahistin and after one month all symptoms of ear injury relieved. Patient is still under control of otolaryngologist. Unfortunately our efforts to explain the cause of such accident from phone producer were ineffective. Described case proves that mobile phone failure can be a cause of acute ear injury.