



The Electronic Triage Chart within the Emergency Severity Index (ESI) – an innovative approach of triaging emergency department patients.

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Abstract:

An innovative project named “TOPSOR”, aiming to standardize the triage procedure in hospital emergency departments throughout the country is accomplished by the Ministry of Health in Poland. The Electronic Triage Chart is an integral tool of the Medical Segregation System based on the Emergency Severity Index (ESI) version 4.0 methodology and is an electronic tool of the System. The tool has been developed by Sensonics Ltd. which engaged a team of emergency medicine physicians responsible for the substantive development and is officially approved by the methodology licensor the Emergency Nurse Association (ENA). It has been implemented in 2020 in 232 emergency departments throughout Poland with over 1160 nurses and paramedics trained to use both: the tool itself and the ESI triage system. The Electronic Triage Chart has functionality that allows it to collect a medical history, measure the patient’s vital signs (including automatic measurement read from the cardiac monitor) and an intelligent triage module. All functionalities are available from the main panel what shortens the time needed for a patient’s triage to the necessary minimum. As a part of the Medical Segregation System the Electronic Triage Chart allows to optimize management of emergency departments’ queue.

Biography:

Monika Bednarek-Chałuda as a medical doctor and master of business administration connects areas of medicine and the IT world. She is experienced in implementation of processes and products for corporations, managing projects and fundraising. Being an academic teacher and researcher she also leads research projects. In her scientific career she has conducted over 30 professional scientific speeches and publications worldwide. She has received her PhD from Jagiellonian University this year.



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