

Analiza hudih telesnih poškodb v cestnem prometu in vloga urgentnega centra

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Povzetek

Raziskovalno vprašanje (RV): Koliko je bilo hudih telesnih poškodb v prometnih nesrečah in kakšne so te poškodbe v letu 2020?

Namen: Ugotoviti, koliko hudo poškodovanih udeležencev v prometnih nesrečah je bilo leta 2020, kakšen je delež hudih telesnih poškodb po spolu, v katero starostno skupino spada največ hudih telesnih poškodb in kakšen je vpliv vremena na število in resnost hudih telesnih poškodb.

Metoda: Po pregledu relevantne literature smo pridobile kvantitativne podatke z uradne spletne strani Policije analizirali s frekvenčno statistiko, deskriptivno statistiko in HI-kvadrat testom. Za kvalitativno metodo pa smo uporabili poglobljeni pol-strukturirani intervju z dvema relevantnima strokovnjakoma iz tega področja.

Rezultati: Glede ogroženosti v cestnem prometu obstajajo razlike med moškimi in ženskami, najmlajši in najstarejši so najbolj ogroženi v cestnem prometu in več hudih telesnih poškodb se zgodi ob lepem vremenu.

Organizacija: Vzpostavitev učinkovitega prometno-varnostnega sistema je možna le ob predhodni prepoznavi, analizi in odpravi ključnih vzrokov, ki vplivajo na varnost.

Družba: Večja varnost v cestnem prometu zahteva spremembe v razmišljanju in delovanju posameznika kot udeleženca v prometu.

Originalnost: Originalnost raziskave je v uporabi kombinacije kvantitativne in kvalitativne raziskovalne metode. Tema je iz družbenega stališča zelo zanimiva.

Omejitve/nadaljnje raziskovanje: Rezultati so pod vplivom pandemije COVID-19. Potrebno bi bilo narediti raziskavo za daljše časovno obdobje, vsaj 10 let.

Ključne besede: prometne nesreče, hude telesne poškodbe, spol, starost, vreme.

Nataša Šporčič je diplomirana medicinska sestra, magistrica zdravstveno-socialnega managementa. Približno 15 let je redno zaposlena na Internistični prvi pomoči, Univerzitetni klinični center Ljubljana. Njena prva zaposlitev je bila v Splošni bolnišnici Celje, Oddelek za splošno in abdominalno kirurgijo. Z Ministrstvom za obrambo, kot pripadnica rezervne sestave slovenske vojske – PPRS Role 2 LM, sodeluje že 10 let. Na Fakulteti za zdravstvene vede Maribor je končala visokošolski študijski program Zdravstvena nega in magistrski študij Management v zdravstvu in socialnem varstvu. Zaključuje tudi Magistrski študij Zdravstvene nege. Na Fakulteti za organizacijske študije Novo mesto je vpisana v 2. letnik študijskega programa Menedžment kakovosti.

Franc Brcar je univerzitetni diplomirani inženir strojništva, magister informacijsko-upravljaljskih ved in doktor menedžmenta kakovosti. Dalj časa je bil zaposlen v večjem avtomobilskem podjetju. Na začetku je delal kot specialist na področju operacijskih sistemov in baz podatkov. Sledilo je delo na področju uvajanja in vzdrževanja

sistemov za računalniško konstruiranje in ERP rešitev. V zadnjem obdobju se raziskovalno ukvarja z menedžmentom, menedžmentom informacijskih tehnologij, menedžmentom poslovnih procesov, inovativnostjo in kakovostjo.

Je predavatelj na več fakultetah na visokošolski, magistrski in doktorski stopnji. Izvaja individualne konzultacije in organizira seminarje za skupine iz statistike (R, SPSS, SAS, Lisrel, ...), analize kvalitativnih podatkov (ATLAS.ti) in pisanja strokovnih in znanstvenih del (kvalitativne in kvantitativne raziskovalne metode, Word, Excel, PowerPoint, Windows, linux, ...).

An Analysis of Serious Injuries in Road Traffic and the Role of the Emergency Room

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Abstract

Research Question (RQ): How many of serious injuries were in traffic accidents, and what were these injuries in 2020?

Purpose: To determine how many seriously injured participants in traffic accidents were in 2020, our purpose was to determine what is the proportion of serious injuries by gender, which age group included the most severe injuries and what is the impact of weather on the number and severity of serious injuries.

Method: After reviewing the relevant literature, we used frequency statistic and chi-square tests for the data obtained from the official police website. For the quantitative method, we used an in-depth semi-structured interview with two relevant experts in the field.

Results: Regarding road traffic hazards, there are differences between males and females, the youngest and oldest are most at risk in road traffic, and more severe injuries occur in fine weather.

Organization: The establishment of an effective traffic safety system is possible only with the prior identification, analysis and elimination of critical causes that affect safety.

Society: Greater road safety requires changes in the individual's thinking and acting as a road user.

Originality: The originality of the research lies in using a combination of quantitative and qualitative research methods. The topic is very interesting from a social point of view.

Limitations / further research: The COVID-19 pandemic affects the results. The research should be done for a more extended period, at least ten years.

Keywords: traffic accident, serious injuries, gender, age, weather

Nataša Šporčič is a graduate nurse, with a master's degree in health and social management. For about 15 years she has been a full-time employee at the Internistic First Aid, University Clinical Center Ljubljana. Her first job was at the General Hospital Celje, Department of General and Abdominal Surgery. She has been cooperating with the Ministry of Defense as a member of the reserve force in the Slovenian Army – PPRS Role 2 L for 10 years. She graduated from the Faculty of Health Science in Maribor with a bachelor's degree in Nursing and a master's degree in Management in Health and Social Care. She is also completing her master's degree in Nursing. She is attending the 2. year of PhD Program Quality Management at the Faculty of Organizational Studies Novo mesto.

Franc Brcar is a university graduate in engineering (B.Sc. in Engineering), received his Masters of Science in Informational and Management sciences (M.Sc.) and his PhD in Quality Management. He has had extensive experience working for a major automobile company. He has worked as a specialist in the field of operational systems and databases as well as worked in the introduction and maintenance of systems for computer

construction and ERP solutions. Recently he has been examining management, management of IT systems, management of business processes, and management of innovations and quality.

He is an assistant professor at several faculties at the Bachelor, Masters and PhD level. He is a tutor for research methodology courses, tutor for statistical analysis, conducting workshops on statistical programs (R, SPSS, SAS, Lisrel, ...), data coding and data analysis (ATLAS.ti), writing scientific and professional research papers and articles (Qualitative and Quantitative Research Methodologies, Word, Excel, PowerPoint, Windows, linux, ...).
