

Application of new technologies in education of parents in Serbia - Mobile application on child injury prevention

Markovic M¹, Stefanovic N¹, Kovacevic N¹, Mladenovic Jankovic S¹, Grujicic A¹, Tamburkovski G¹, Matijevic D¹

¹Institute of Public Health of Belgrade

Introduction

Use of digital technologies -a common modern way of communicating with users in different areas.

Evidenced by the activities of renowned institutions (British RC, American RC, etc.) -mobile applications providing basic information on certain health conditions, prevention, and basic care options

Objective

To create a mobile application intended for parents, guardians and all those who take care of children -which will include preventive and first aid advices /procedures

Methods

The expert team of the IPH of Belgrade (specialists in public health and information technologies)

In consultation with:

- ✓ Serbian Red Cross first aid experts
- ✓ Relevant pediatricians with long-standing clinical experience
- A six-month process
- Most contemporary and relevant national and international professional literature used



Tables and or figures



11 topics
neat graphic design

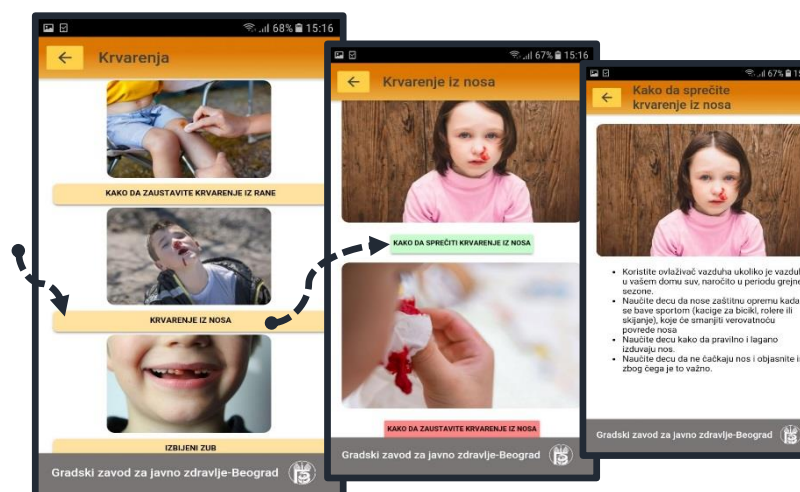


Each topic: two parts

Recommended preventive activities

First aid response

Intuitive navigation



Results

Created mobile application named "Patchy - Injuries of children from A to Z"

- ✓ basic information about child injuries and other consequences of environmental impact - **how to prevent them and how to react in case of injury occurrence.**

Content structured by the **type of injury**: from falls, drowning, burns, insect stings, animal bites, poisoning, choking, to road traffic injuries.

Each topic divided into **two parts**:

- ✓ first related to recommended activities in order to reduce the risk of injury , and
- ✓ second related to first aid response if the injury occurs

Conclusion

- ✓ Modern way of educating parents in our community
- ✓ The first mobile application of this type in our country
- ✓ Useful tool which will help parents to obtain the necessary information quickly, at any time and any place