



# International Conference on Emergency Medicine and Critical Care

July 25-26, 2019 Rome, Italy

## Lessons and Games to Avoid Dog Bites for Preschool Children

Stefania Barbieri<sup>1,2</sup>, Bertacco A<sup>4</sup>, Billato P<sup>1</sup>, Feltracco P<sup>1</sup>, Bertoncello F<sup>1</sup>, Pasquale A<sup>4</sup>, Zambolin G<sup>4</sup>, Paoli A<sup>2</sup>, Pietrantonio V<sup>2</sup>, Poles R<sup>1</sup>, Salvagno M<sup>1</sup>, Barbieri C<sup>5</sup>, Rubini S<sup>3</sup>, Pavin A<sup>1</sup> and Spagna A<sup>2</sup>

<sup>1</sup>Department of Emergency Medicine, University Padova Hospital, Italy

<sup>2</sup>Unit for Pre-hospital Emergency Care - Padova Hospital University Padova, Italy

<sup>3</sup>Experimental Zoo-prophylactic Institute of Lombardia and Emilia Romagna, Italy

<sup>4</sup>Department of Surgery, Oncology and Gastroenterology, Hepatobiliary Surgery and Liver Transplantation, Padua University, Padova, Italy

<sup>5</sup>Department's Court and Tribunal Services Padova, Italy

**Purpose of the Study:** Dog bites caused an important debate in the medias, particularly regarding pets management related to the public safety the victim of a dog attack is a complex patient that whom is usually not usually easy to manage when the severity of injuries is high. Three-to five-year old children (n85) participated in educational lessons program to correctly interpret dog's behaviours. Designed for primary school children. Interactive lesson are organized to prevent dog bite incidents.

**Materials and Methods:** Scientific articles about dog bites were analysed, including those regarding legislative, health and clinical aspects of dog bites because they are little known scopes. Clinical records of pre-hospital patients following dog bites treated at Azienda Ospedaliera di Padova were analysed to implement the basis of children school lessons.

**Results:** After a careful analysis of medical literature of the occurred cases, we were able to define a clinical care pathway in our hospital, especially in the first phase: the safety program are useful to examine dangerous situations and understand safe and unsafe situations and a pre-hospital prevention program lessons for children. The excellence in care in Padua hospital represent an opportunity for ED pre-hospital team members to discuss successes and recommendations for children and teachers involved in the projects. Although the number of dog bites is not alarming phenomenon. The consequences of serious bites could force the victim to long and complex cures.

**Conclusions:** 25 minutes programme lessons (interactive video, toy dogs, coloured cartoon pictures, cartoon child) were useful to give to the children useful information to identify dangerous situations illustrated by pictures to suggest safety education for preschool children.