

Data and etiologies of Non Convulsive Status Epilepticus (NCSE) in adults in AOU IRCCS San Martino IST, Genova-Italy

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Introduction

To report the data and etiologies of Non Convulsive Status Epilepticus (NCSE) in the adult resident population of Genoa, Italy, referred to Emergency Unit of AOU IRCCS San Martino IST.

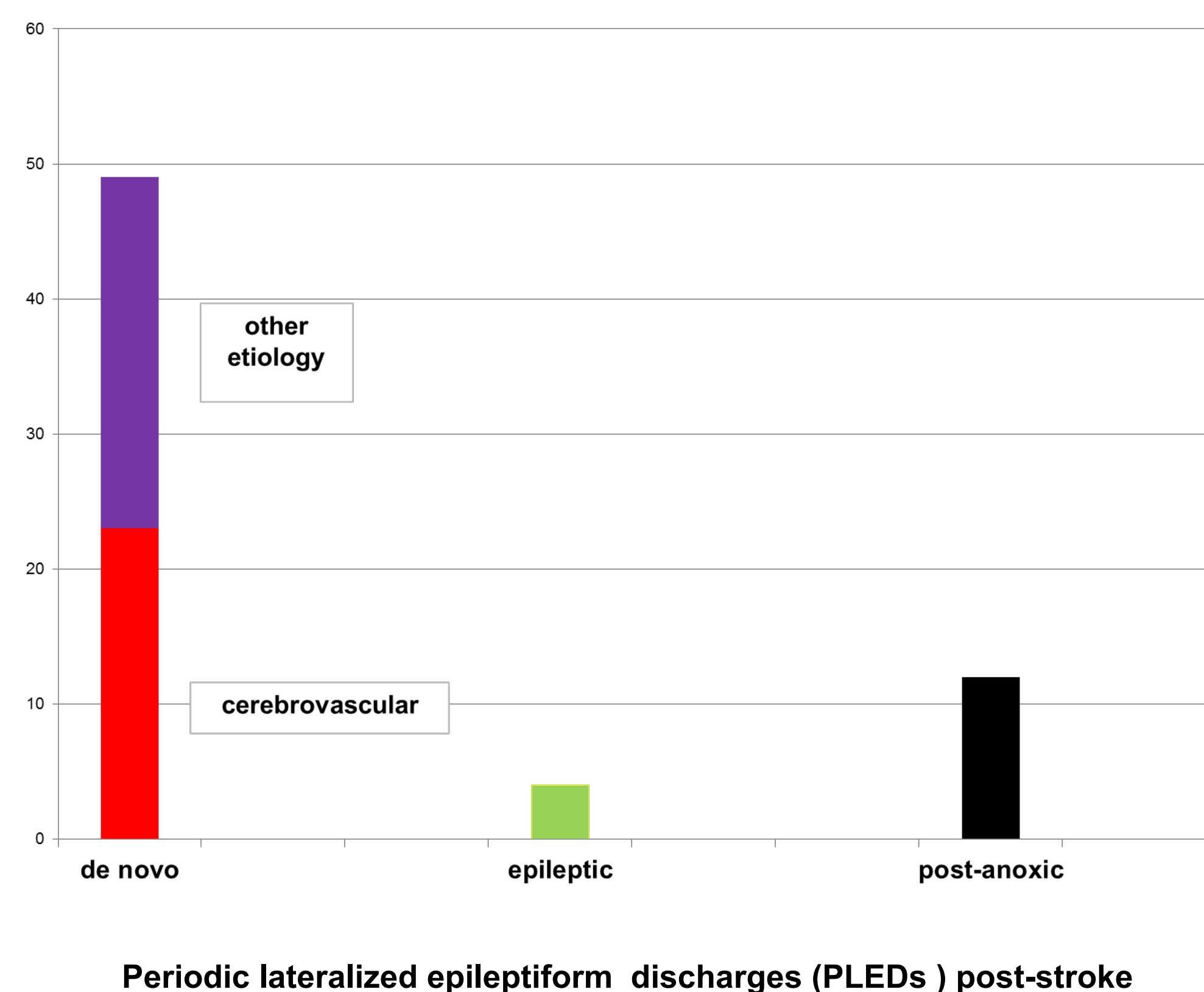
Methods

Over eleven months period (September 2013, to August 2014), all patients older than 14 years with NCSE were included. The case-finding method was based on a prospective surveillance of one of public general hospitals in the city of Genoa by neurologic units, ICU and others Departments.

65 NCSE has been diagnosed 49 of which “de novo” and 4 in epileptic patients. It was higher in the elderly (older than 60 years) than in young adults but no difference of sex (32 women and 33 men). Between the etiologies a cerebrovascular pathology was the most frequently associated etiologic condition (46.9% of de novo NCSE). The case fatality was 58.4. In our study postanoxic patients were excluded).

Conclusions:

This study reports the first data on the study of NCSE in Genoa, Italy. In according to the literature the data found in our population is in the same range as that of the other studies. The 38 case fatality is higher in elderly (mean age of 78 years old). Indirect evidence suggests that later diagnosis and management and overall the non nonlinear management guidelines had negatively influenced the outcome of NCSE.



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