

DRUG-FACILITATED SEXUAL ASSAULT, FACTORS ASSOCIATED TO A PRE-HOSPITAL EMERGENCY SYSTEM.



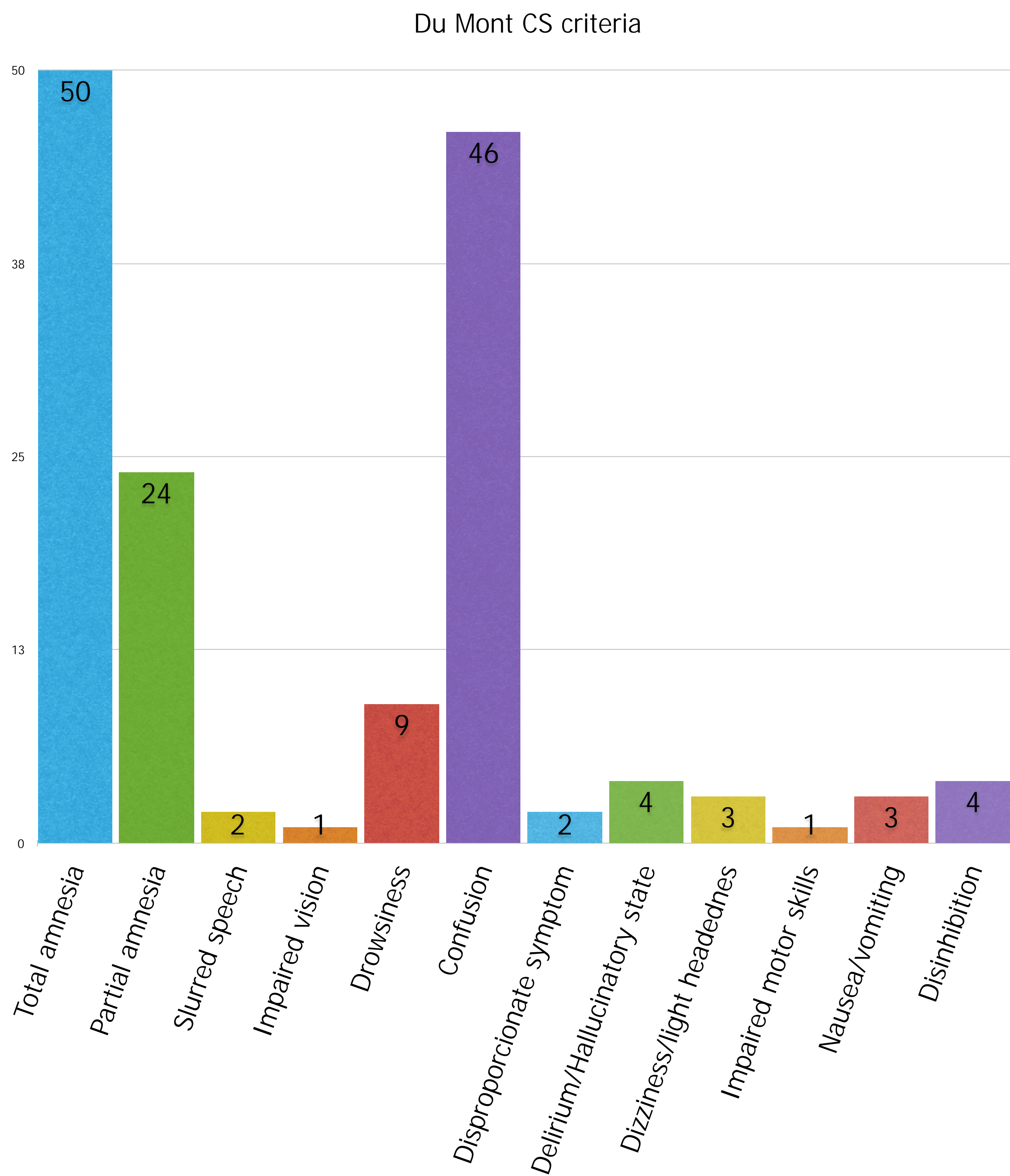
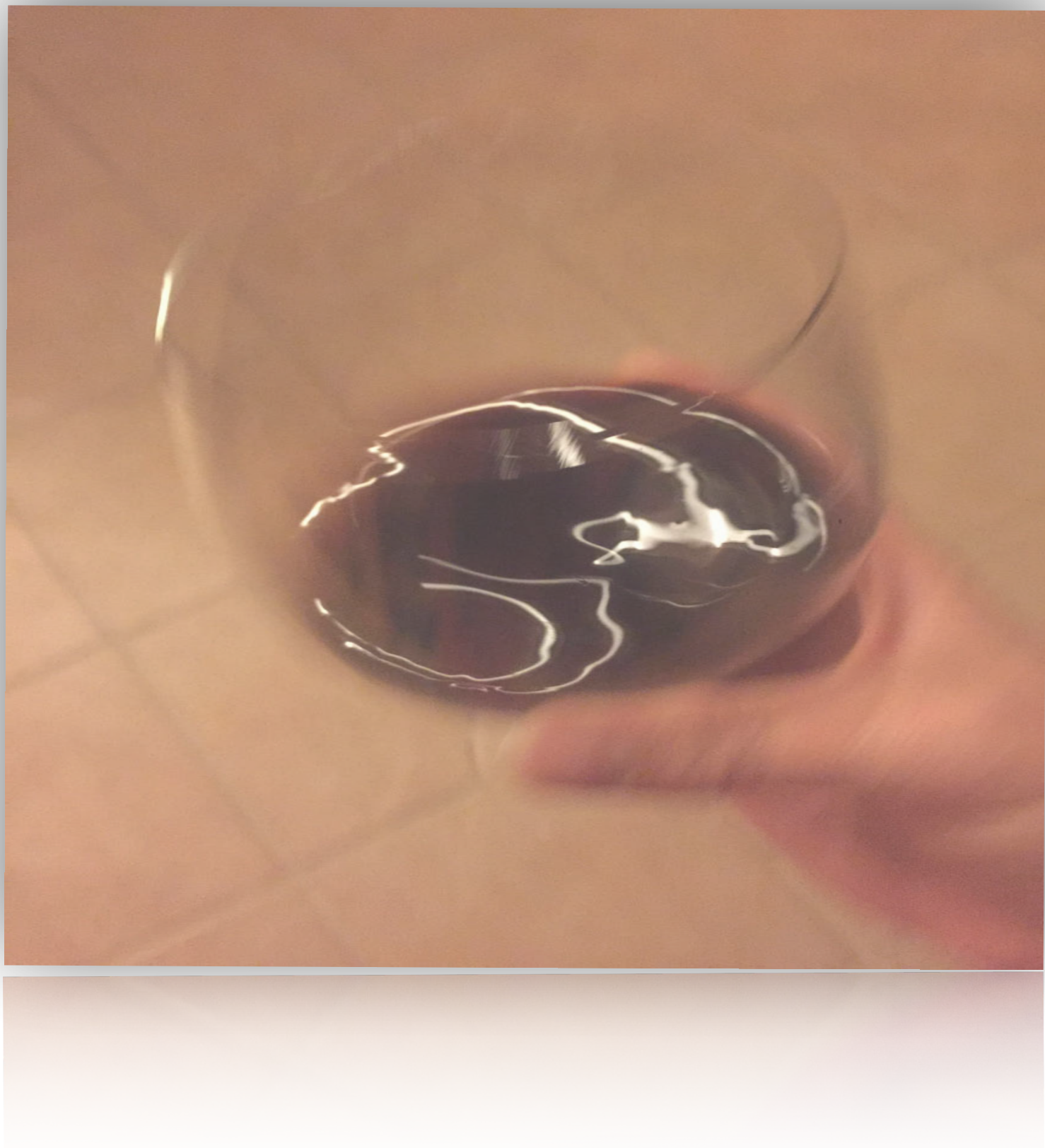
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Background

Chemical submission is the use of psychoactive substances to induce alteration in the behavior and the free will in order to indulge crime; when the sexual aggressor use it, it´s called drug-facilitated sexual assault (DFSA). This study searches to identify those factors associated to DFSA in a pre-hospital emergency care in Madrid.



Of these, 21.3% (85) met the criteria for drug-facilitated sexual assault; this group compared with the other victims, were more likely to have voluntary use of alcohol and other drugs before the rape (40% vs 22,3%); presented an altered awareness of the episode (56,5% vs 0,6%) and needed hospital care (32,9% vs 14%). Another statistical significant difference was who sought emergency aid, being the police the least frequent. (55,3% vs 63,1%).

Method

Retrospective cohort study of patients assisted on suspicion of sexual assault by a pre-hospital emergency service between 2015-2018; the cases of DFSA were selected by Du Mont´s criteria. Epidemiological characteristics, assistance claimer, associated injuries, cognitive functions, voluntary use of toxics and the final resolution were studied.

Results

There were included 399 victims in the study, 92.7% (370) were women with a median of 24 years of age (IQR 19-33).

	DFSA YES 21,3%	DFSA NO 78,7%	p
AGE	26,8	26,5	0,83
SEX: WOMAN	92,9	92,7	0,76
PREVIOUS TOXICS	40	22,3	0,001
IMPAIRED AWARENESS OF THE EPISODE	56,5	0,6	0,001
HOSPITAL	32,9	14,0	0,001
EMS CALLER	44,7	36,9	0,012
INJURIES	34,1	29,3	0,39

IT TAKES A SYSTEM TO SAVE A LIFE

Conclusions

In the study the stronger associated factor to DFSA was altered awareness of the episode, another relevant factors are voluntary use of toxics and hospital transfer as the most frequents. DFSA shows itself as an entity with its own characteristics.