

## HOSPITAL CARE FOR ALCOHOL-DEPENDENT PATIENTS: ATTENTIONAL BIAS MEASURED WITH THE FRENCH VERSION OF THE "ALCOHOL STROOP TEST"

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**Aims:** Previous studies have shown in alcohol dependence patients an attentional bias (AB) under related substance cues which can be a factor of relapse. This AB can be evaluated by the "Alcohol Stroop Test" (AST). The AST is a modified Stroop task while participant have to name the color of the word. This word could be alcohol-related word or a neutral word. AB is the response time's difference between alcohol-related words and neutral words. The goal of the current study was to examine the relation between withdrawal hospitalization and AB.

**Methods:** Individuals with alcohol-dependence disorders (DSM IV) and admitted for withdrawal in addictology unit of CHU Clermont-Ferrand ( $n=42$ ) and participant with no alcohol or psychiatric disorder recruited from colleagues and friends from the staff performed the AST ( $n=16$ ) ('Control Group') were recruited. For inpatients, one group performed the AST in admission ( $n=19$ ) ('Admission Group'), and another group immediately before discharge ( $n=23$ ) ('Discharge Group').

**Results:** Results show an AB only for patients saw at admission ( $t(18) = 2.12$ ;  $p < .05$ ). Moreover, we observe that the AB in 'Admission Group' ( $M=34$  ms,  $SD= 70.06$ ) is greater than the AB in 'Control group' AB ( $M = 23$  ms,  $SD = 93.42$ ), itself greater than the AB in 'Discharge Group' ( $M = -12$  ms,  $SD=93.55$ ), ( $t(55) = -1.71$ ;  $p = .09$ ).

**Conclusions:** Although, results are preliminary, the present study provides evidence for the evolution of AB during alcohol addiction treatment and for the value of incorporated method to improve AB during detoxification cure.