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## The advantage of errorless learning for the acquisition of new concepts' labels in alcoholics.

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**Table 1: Demographical variables, drinking history, pre-learning assessment and explicit and implicit memory results in the four groups**

|  | Trial-and-error learning |                    | Errorless learning |                    |
|--|--------------------------|--------------------|--------------------|--------------------|
|  | Control subjects         | Alcoholic patients | Control subjects   | Alcoholic patients |
| <b>Demographical variables</b>               |                          |                    |                    |                    |
| Size of the sample                           | 19                       | 19                 | 15                 | 15                 |
| Age  | 49.15 (4.83)             | 46.68 (5.34)       | 48.68 (3.76)       | 48.36 (5.29)       |
| Years of education                           | 11.58 (2.29)             | 10.11 (2.92)       | 11.00 (1.41)       | 10.67 (2.06)       |
| <b>Drinking history</b>                      |                          |                    |                    |                    |
| Alcohol use (year)                           | n/a                      | 28.41 (8.16)       | n/a                | 33.07 (7.07)       |
| Alcohol misuse (year)                        | n/a                      | 21.73 (8.81)       | n/a                | 16.43 (8.84)       |
| Alcohol consumption per day (standard drink) | n/a                      | 18.23 (9.09)       | n/a                | 22.97 14.32)       |
| <b>Pre-learning assessment</b>               |                          |                    |                    |                    |
| Naming score (Max= 10)                       | 0 (0)                    | 0 (0)              | 0.20 (0.41)        | 0 (0)              |
| <b>Explicit memory task</b>                  |                          |                    |                    |                    |
| Sum of the three free recalls* (Max= 48)     | 31.37 (4.50)             | 26.74 (7.36)       | 31.73 (4.58)       | 29.00 (4.39)       |
| <b>Implicit memory task</b>                  |                          |                    |                    |                    |
| Reaction times difference (ms)               | n/a                      | n/a                | 33.78 (41.74)      | 20.90 (26.09)      |

Mean (SD); n/a: not applicable; \*: significant difference between the control groups and the alcoholic ones