

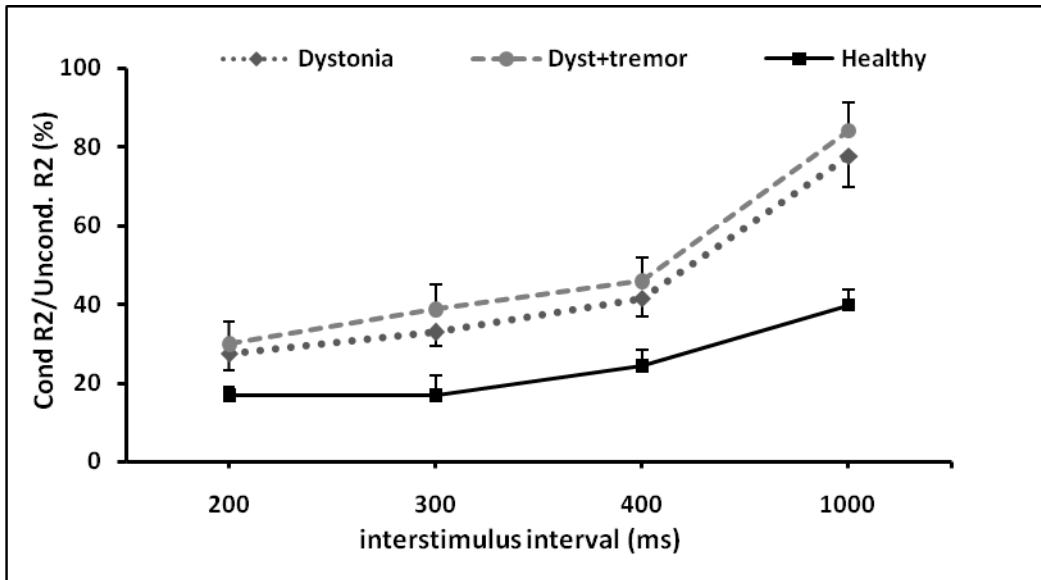
**Table.** Clinical features of dystonic patients.

| <b>Dystonia</b> |            |             |                         |               |                   | <b>Dystonia and Tremor</b> |            |             |                         |               |                   |
|-----------------|------------|-------------|-------------------------|---------------|-------------------|----------------------------|------------|-------------|-------------------------|---------------|-------------------|
| <b>Case</b>     | <b>Sex</b> | <b>Age</b>  | <b>Disease duration</b> | <b>TWSTRS</b> | <b>SARA scale</b> | <b>Case</b>                | <b>Sex</b> | <b>Age</b>  | <b>Disease duration</b> | <b>TWSTRS</b> | <b>SARA scale</b> |
| <b>1</b>        | F          | 65          | 20                      | 14            | 0                 | <b>1</b>                   | M          | 68          | 15                      | 15            | 0                 |
| <b>2</b>        | F          | 68          | 13                      | 16            | 0                 | <b>2</b>                   | F          | 60          | 14                      | 23            | 0                 |
| <b>3</b>        | M          | 48          | 14                      | 16            | 0                 | <b>3</b>                   | F          | 65          | 15                      | 9             | 0                 |
| <b>4</b>        | F          | 36          | 6                       | 9             | 0                 | <b>4</b>                   | M          | 55          | 15                      | 14            | 0                 |
| <b>5</b>        | F          | 58          | 10                      | 14            | 0                 | <b>5</b>                   | F          | 70          | 15                      | 16            | 1                 |
| <b>6</b>        | M          | 64          | 12                      | 29            | 1                 | <b>6</b>                   | F          | 74          | 22                      | 22            | 2                 |
| <b>7</b>        | F          | 76          | 14                      | 18            | 1                 | <b>7</b>                   | F          | 42          | 16                      | 20            | 0                 |
| <b>8</b>        | F          | 54          | 6                       | 15            | 0                 | <b>8</b>                   | M          | 52          | 12                      | 18            | 0                 |
| <b>9</b>        | F          | 66          | 31                      | 41            | 0                 | <b>9</b>                   | F          | 54          | 26                      | 22            | 1                 |
| <b>10</b>       | F          | 64          | 11                      | 30            | 1                 | <b>10</b>                  | M          | 68          | 8                       | 40            | 0                 |
| <b>11</b>       | F          | 64          | 11                      | 20            | 0                 | <b>11</b>                  | F          | 58          | 16                      | 14            | 0                 |
| <b>12</b>       | M          | 49          | 16                      | 15            | 0                 | <b>12</b>                  | F          | 69          | 20                      | 21            | 0                 |
|                 |            |             |                         |               |                   | <b>13</b>                  | M          | 72          | 30                      | 22            | 1                 |
| <b>Av</b>       |            | <b>59,3</b> | <b>13,7</b>             | <b>19,7</b>   | <b>0,2</b>        | <b>Av</b>                  |            | <b>62,1</b> | <b>17,2</b>             | <b>19,7</b>   | <b>0,3</b>        |
| <b>Sd</b>       |            | <b>10,8</b> | <b>6,7</b>              | <b>9,05</b>   | <b>0,45</b>       | <b>Sd</b>                  |            | <b>9,45</b> | <b>5,89</b>             | <b>7,41</b>   | <b>0,65</b>       |

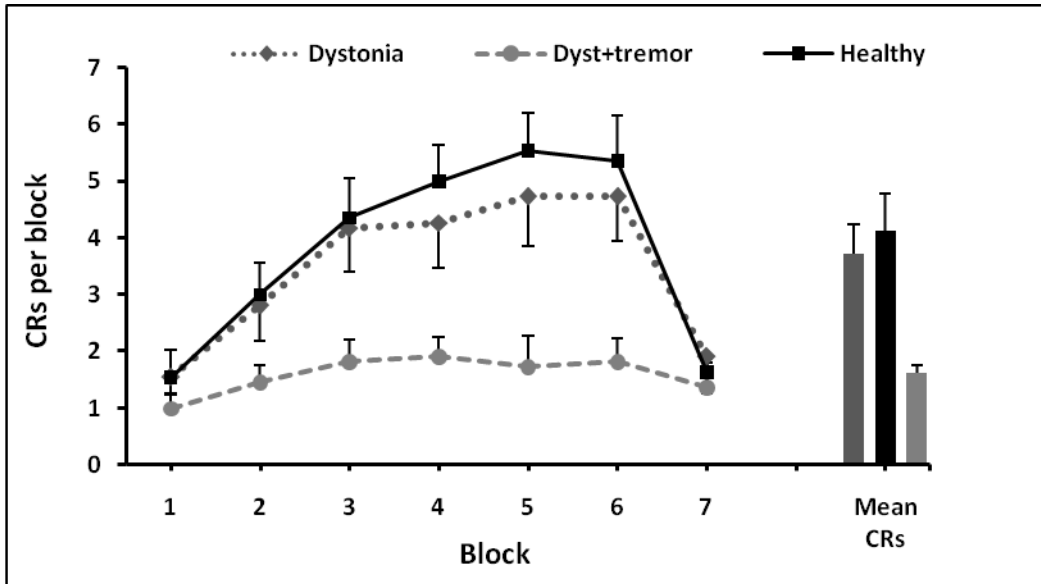
Av: average; Sd: standard deviation; F: female; M: male; TWSTRS: Toronto Western Spasmodic Torticollis Rating Scale; SARA: scale for the assessment and rating of ataxia

**Figure 1.** Blink recovery cycle in healthy subjects and patients with dystonia (with and without tremor).

Vertical bars indicate standard error.



**Figure 2:** Eyeblink classical conditioning in healthy subjects and patients with dystonia (with and without tremor). Mean of conditioned responses (CRs) over the six acquisition blocks is shown on the right side of the Figure. Error bars represent standard error.



**Fig. 2XXX:** Eyeblink classical conditioning in healthy subjects and patients with dystonia (with and without tremor).

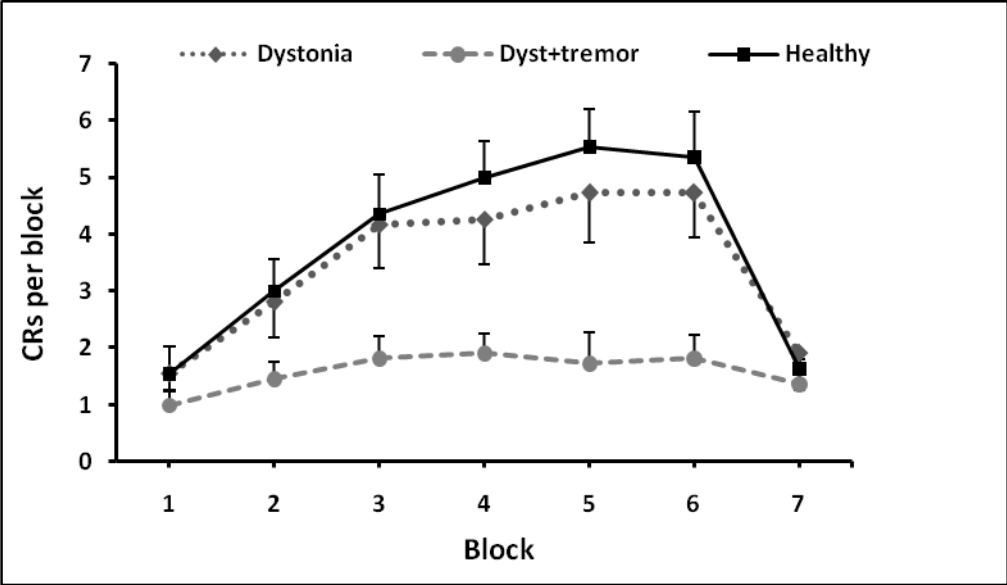


Fig.xxx: Sum of conditioned responses over the six acquisition blocks in healthy subjects and dystonic patients (with and without tremor).

