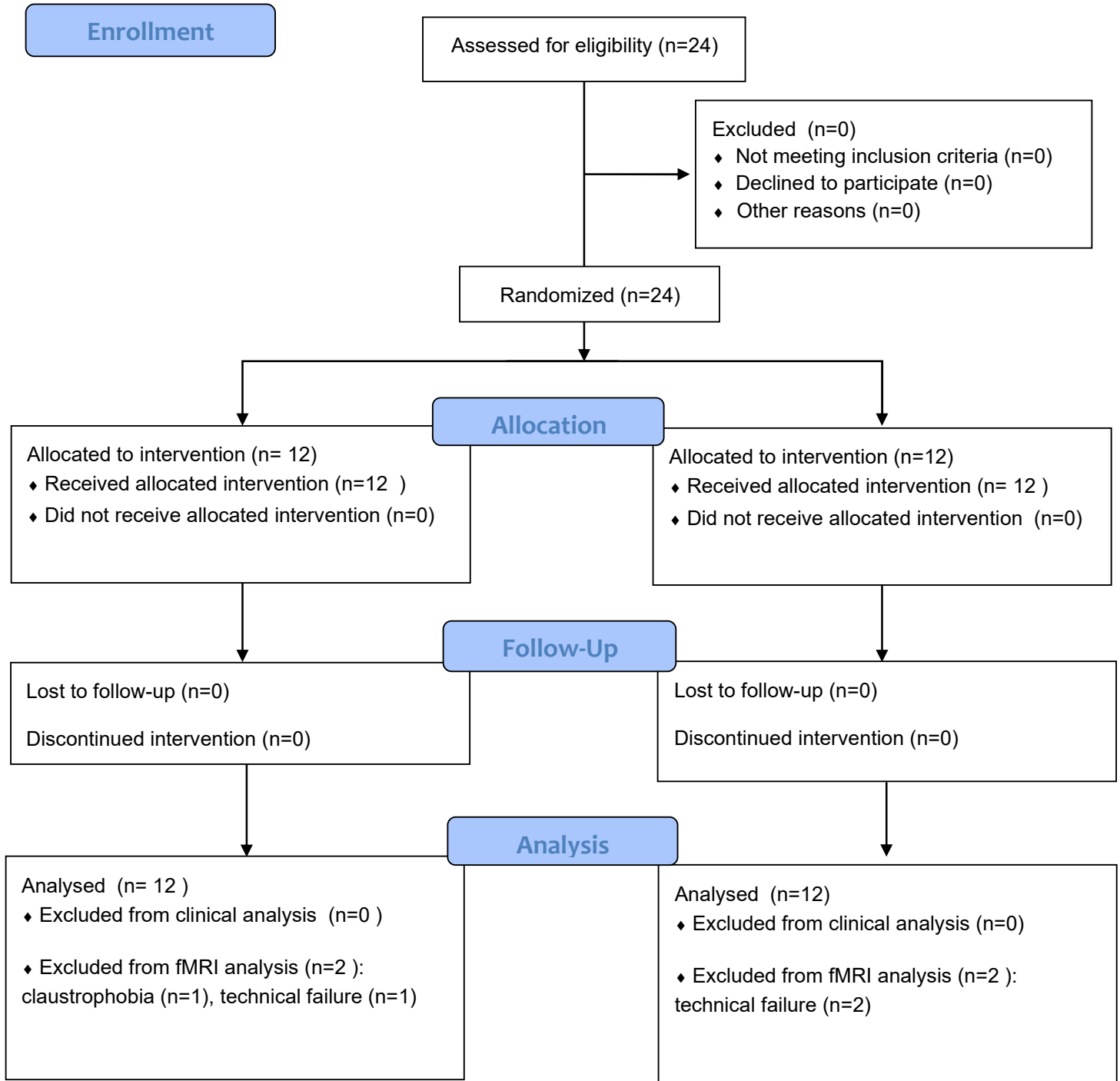


## Participant flow

### CONSORT 2010 Flow Diagram



## Baseline characteristics

Age (median, [range], years)	32 [15-66]
SARA (median, [range]) /40	23 [7.5-36]
Age of symptoms onset (median, [range])	17 [6-45]
Disease duration (median $\pm$ standard deviation; years)	15 $\pm$ 7.5
GAA1 (median, [range])	653 [100-1200] *

*SARA: score on the Scale for the Assessment and Rating of Ataxia; GAA1: number of GAA1*

*triplet expansion on the shortest allele. \*: One patient had a Point Mutation.*

## Outcome measures

	Pre-Anodal ctDCS	Post-Anodal ctDCS	Pre-Sham ctDCS	Post-Sham ctDCS
<b>SARA</b> (mean $\pm$ SD)	23.1 $\pm$ 9	21.6 $\pm$ 9*	23.2 $\pm$ 9	23.4 $\pm$ 9
<b>CCFS</b> (mean $\pm$ SD)	1.27 $\pm$ 0.2	1.23 $\pm$ 0.19*	1.25 $\pm$ 0.17	1.24 $\pm$ 0.2
<b>Raw CCAS-S</b> (mean $\pm$ SD)	89.1 $\pm$ 15	99.8 $\pm$ 16*	91.6 $\pm$ 16	92.3 $\pm$ 15
<b>CCAS-S failed items</b> (mean $\pm$ SD)	2.54 $\pm$ 1.47	1.54 $\pm$ 1.5*	2.56 $\pm$ 1.9	2.11 $\pm$ 1.4

Legend: ctDCS, cerebellar transcranial direct current stimulation; SARA, scale for the assessment and rating of ataxia; CCFS, composite cerebellar functional severity score; CCAS-S, cerebellar cognitive affective syndrome scale. \*: significant difference compared to pre-anodal ctDCS.

**Adverse events**

There were no adverse events associated with this study.