

# AMBAR CLINICAL TRIAL DESIGN

International, multicenter, randomized, placebo-controlled and double-blind



Carried out in  
**41 hospitals**  
(22 in U.S. and  
19 in Spain)



**496 patients**  
between 55 and 85  
years old, with mild  
and moderate  
Alzheimer's



Designed to evaluate  
the efficacy of plasma  
exchange using different  
replacement volumes  
and concentrations of  
albumin



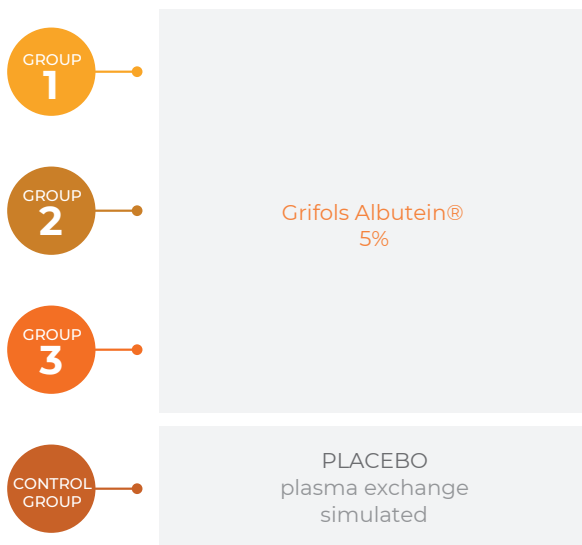
The patients were  
randomized into three  
treatment groups and a  
control group

## The study was split into 2 phases:

### PHASE 1

6 weeks

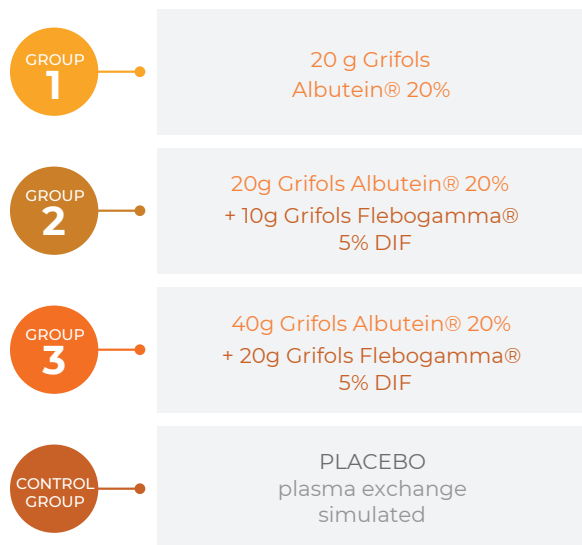
1 Total Plasma Exchange per week  
(2.5-3 liters of plasma)



### PHASE 2

12 months

1 Low-Volume Plasma Exchange per month  
(650-880 ml of plasma)



### Primary objective

To evaluate the efficacy of the treatment by measuring variations in:

- Patients' cognitive function
- The ability to carry out daily activities

### Evaluation method

- Psychometric scales
- Neuroimaging
- Neuropsychological Test
- Mini-Mental State Examination (MMSE)