

The proportion of patients with improvement for each symptom will be compared between the treatment and placebo groups using the Fisher's exact probability test.

3.2.2 The change of GSRS scores before and after drug administration

The changes of the overall GSRS scores and subscale scores will be calculated from the pre-administration values and 8 weeks post-administration. The mean changes of the scores before and after drug administration between the treatment and placebo group will be evaluated by using the student's t-test.

3.2.3 Subgroup analysis of gender and *H. pylori* infection

We will analyze the GPA, Likert scale-based dyspepsia symptoms, and GSRS based on gender and *H. pylori* infection stratifications.

3.2.4 Analysis of blood plasma ghrelin

- Analyses will be conducted for each gender separately.
- Comparison whether there are differences in the mean values between the treatment and placebo groups (verification of randomization) before administration
- Evaluation of relationships between ghrelin values before administration and dyspepsia symptoms (using the Likert scale) using Speaman's correlation analysis
- Evaluation of mean values between treatment and placebo groups 8 weeks post-administration by using the Student's *t* test

4. Safety endpoints

Safety will be evaluated with summary of adverse events.

II. 研究成果の刊行に関する一覧表

● 論文発表

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