Acne patients screened
\[ n = 62 \]

Week 0
Randomly allocated (1:1:1)
According to gender, age, BMI, and acne severity
\[ n = 45 \]

Omega-3 fatty acid group
\[ n = 15 \]
Gamma linolenic acid group
\[ n = 15 \]
Control group
\[ n = 15 \]

Follow-up visit
Week 2, 5 and 10

All participants completed study

17 patients failed to meet inclusion criteria

**Fig. S1.** Study flow chart.