

Fig. S1. Study flow chart.

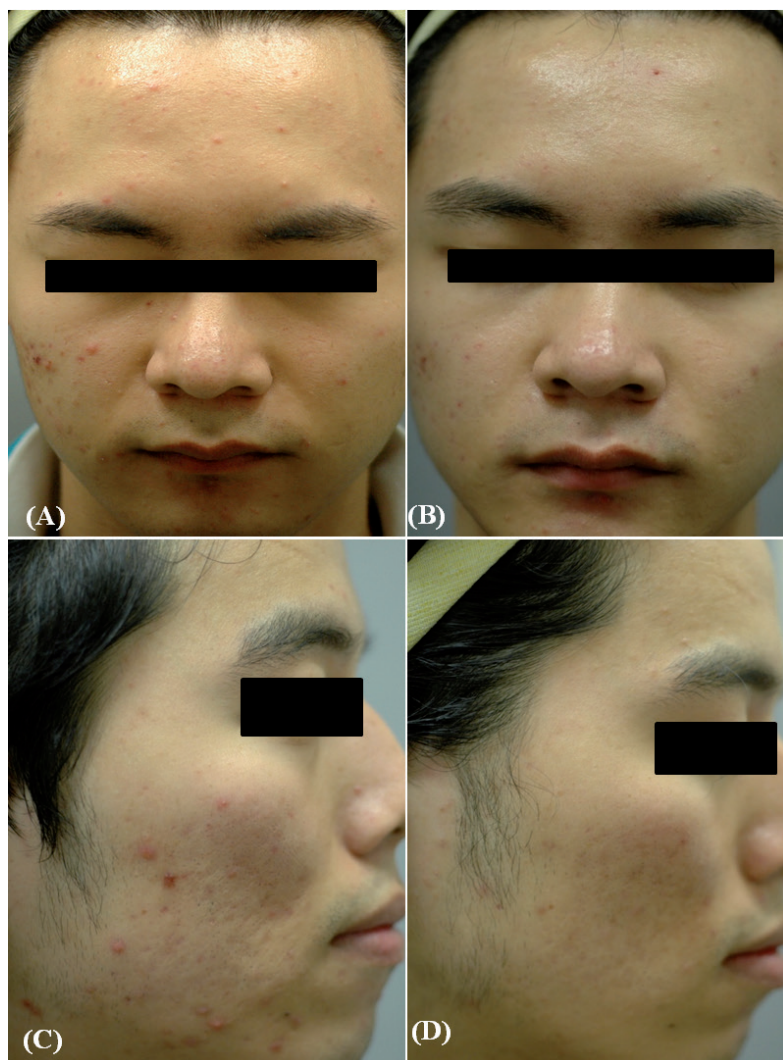


Fig. S2. Omega-3 fatty acid-treated patient (A: pre-treatment, B: 10 week post-treatment). γ -linolenic acid-treated patient (C: pre-treatment, D: 10 week post-treatment). Clinical improvements were observed in both patient groups.

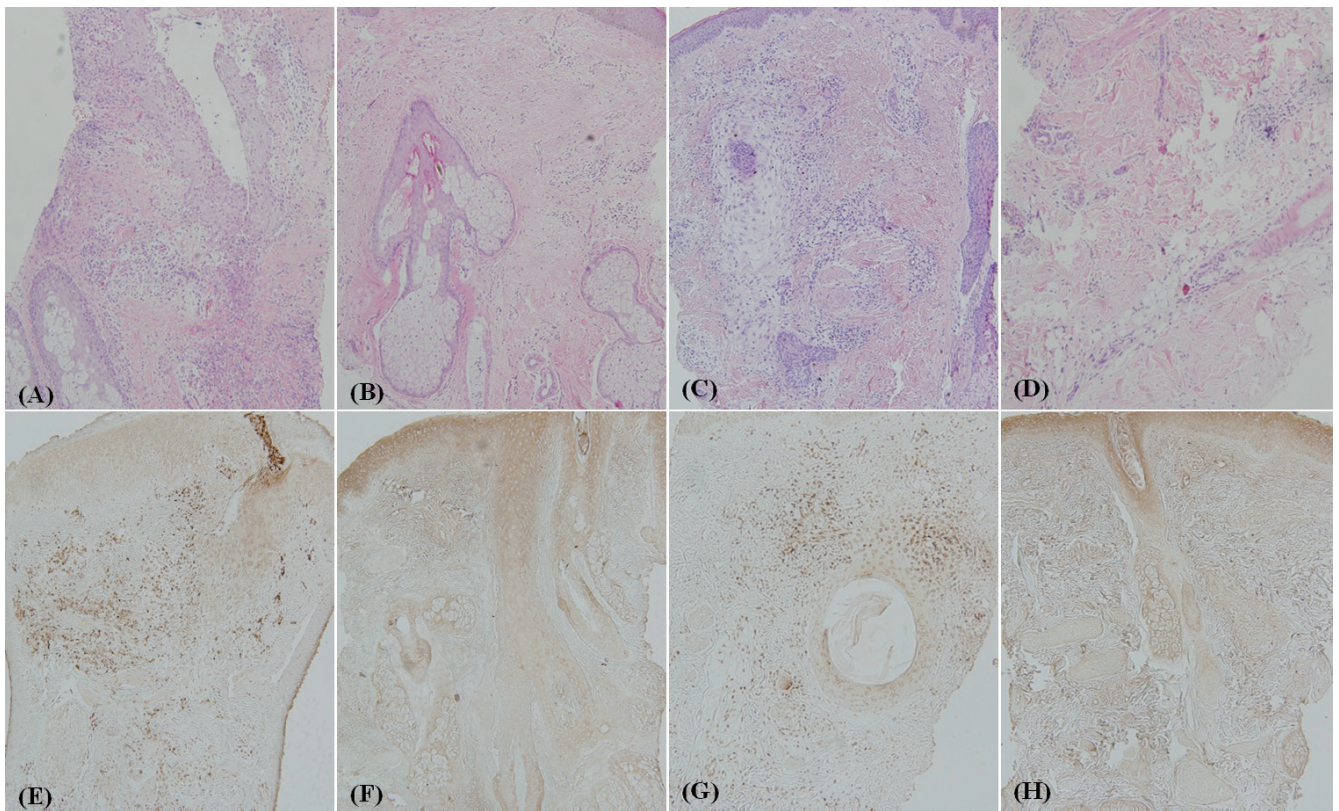


Fig. S3. Histopathologic changes. Before treatment (A, C, E, G) and after 10 weeks of omega-3 fatty acid supplementation (B, F) or γ -linolenic acid (GLA) supplementation (D, H). Decreases in inflammation severities and IL-8 staining intensity was observed under both treatment groups. H&E staining (A–D), and immunohistochemical staining for IL-8 (E–H), original magnification $\times 100$.

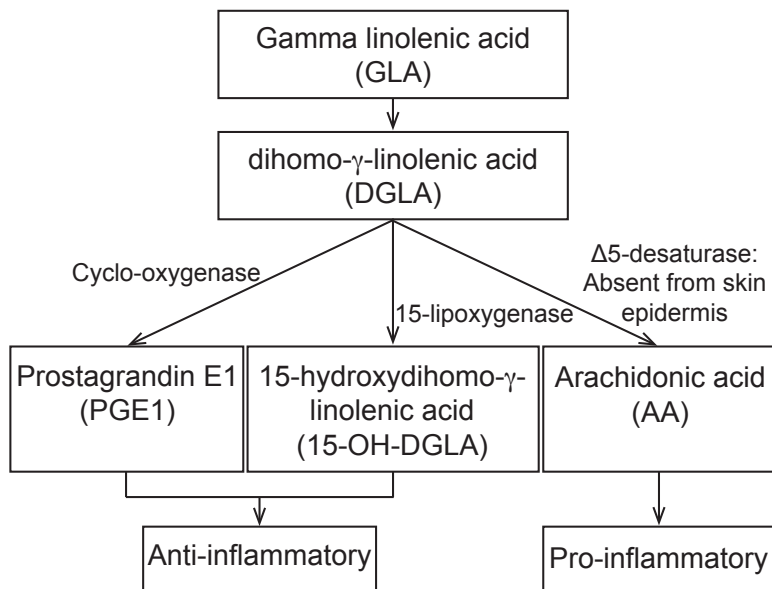


Fig. S4. Metabolic pathways for γ -linolenic acid.