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Evaluation of Suitability and Efficacy of "Plasma Shower®" and "Pure Seoul 25 Days Serum" on Acne-Prone Skin



The clinical study lasted 6 weeks.

21 men and women (average age 27.19) were instructed to use Plasma Shower® (at-home plasma-only device) twice a day with “Pure Seoul 25 Days Serum.”

A Plasma Shower® is a lower powered version of Plason. Plason is available to beauty professionals in the US.

At consistent intervals, they were evaluated based on the Global Acne Grading System and Dermalab USB sebum probe, which determines sebum production.

Location	Factor
Forehead	2
Right cheek	2
Left cheek	2
Nose	1
Chin	1
Chest and upper back	3

Each type of lesion is given a value depending on severity: no lesions = 0, comedones = 1, papules = 2, pustules = 3 and nodules = 4. The score for each area (Local score) is calculated using the formula: local score = factor × grade (0–4). The global score is the sum of local scores, and acne severity was graded using the global score. A score of 1–18 is considered mild; 19–30, moderate; 31–38, severe; and > 39, very severe.

Below are the results from using the Plasma Shower® treatment and application of “Pure Seoul 25 Days Serum”.

Using Global Acne Grading System, there was an improvement in acne of:

- **13.00% after 2 weeks**
- **21.97% after 3 weeks**
- **26.91% after 6 weeks**

Using the Dermalab USB sebum probe, there was an improvement of sebum production of:

- **7.35% after 2 weeks**
- **12.15% after 3 weeks**
- **25.11% after 6 weeks**

No adverse effects were reported and a survey showed that no edema, scaling, itching, burning or tightness was experienced with both the treatment and product application.

Thank you!

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