

KLERESCA® ACNE TREATMENT



NO MORE HIDING

Using fluorescent light energy to
treat your acne



INSPIRED BY
PHOTOSYNTHESIS



WORKS AT
CELLULAR LEVEL



MULTI-ACTION
TREATMENT



Introducing a new technology that boosts your own healing mechanisms¹⁻⁸

- Non-invasive treatment
- Using fluorescent light to stimulate the skin's own repair mechanisms



KLERESCA[®] ACNE TREATMENT

- Two treatments a week for 6 weeks
- Each treatment takes approximately 30 minutes
- Gel is applied on the affected area and illuminated under a blue light for 9 minutes
- After treatment, gel is removed and skin is cleansed and moisturized



- Make-up can be applied immediately after
- Male patients should shave the night before
- Please, refrain from using any topical creams or ointments during the treatment, unless specified by your treating physician

MULTI-ACTION TREATMENT¹⁻⁸

- Kills bacteria responsible for acne (*P. acnes*) in your skin
- Reduces inflammation
- Encourages collagen build-up, stimulating acne scars repair
- Normalises the skin to improve your complexion



WHAT YOU MIGHT EXPERIENCE

In the clinical trial, adverse events were transient in nature and did not require any intervention by the investigators



- Transient redness after the treatment
- Hyperpigmentation (bronzing of an area of the skin)
- Slight discoloration of hair in some cases where the gel was applied covering facial hair.

All side effects were transient and did not require any intervention by the clinic.

CLINICAL TRIAL EVIDENCE⁷

Clinical trial results published in the ‘International Journal of Dermatology’

- 33% of participants reached clear to almost clear skin
- 89% of the participants had a positive response to the treatments
- 52% of participants saw an > 2 IGA* grade improvement of their acne
- The 2 grade or better improvement in IGA was maintained in 92% of patients at 6 months
- No patients reverted back to baseline on first treated area at 6 months, proving long-lasting effects

*IGA: Investigator’s Global Assessment Scale for Acne Severity

⁷Antoniou, C. et al., *A multicenter, randomized, split-face clinical trial evaluating the efficacy and safety of chromophore gel-assisted blue light phototherapy for the treatment of acne. International Journal of Dermatology 2016; 55: 1321 - 1328*



Kleresca® Acne Treatment

IMPROVEMENT OVER TIME AFTER COMPLETION OF
TREATMENT

Baseline
(Before treatment)

Week 6
(End of treatment)

Week 12

Week 33*

Week 45



Active treatment phase

*Treating physician decided to give a single booster treatment after 33 weeks

Kleresca® Acne Treatment

IMPROVEMENT OVER TIME AFTER
COMPLETION OF TREATMENT

Baseline
(Before treatment)



Week 6
(End of treatment)



Week 12



6 months after



Active treatment phase

Kleresca[®] Acne Treatment

IMPROVEMENT OVER TIME AFTER
COMPLETION OF TREATMENT

Baseline
(Before treatment)



Week 6
(End of treatment)



Week 12



6 months after



Active treatment phase

Kleresca® Acne Treatment

IMPROVEMENT OVER TIME AFTER
COMPLETION OF TREATMENT

Baseline
(Before treatment)



Week 6
(End of treatment)



Week 12



Active treatment phase

6 months after



9 months after



REFERENCES

1. PCL-K1005-001-11. LEO Pharma - Data on file.
2. In vitro release test. LEO Pharma - Data on file.
3. Kleresca® Acne Treatment Instructions for Use.
4. Nikolis, A. et al. An extension of a multicentre, randomized, split-face clinical trial evaluating the efficacy and safety of chromophore gel-assisted blue light phototherapy for the treatment of acne. *Int J Dermatol* 2017 (In press).
5. Endothelial cell study. LEO Pharma - Data on file.
6. Kleresca® Skin Rejuvenation Instructions for Use.
7. Antoniou, C. et al., A multicenter, randomized, split-face clinical trial evaluating the efficacy and safety of chromophore gel-assisted blue light phototherapy for the treatment of acne. *Int J Dermatol* 2016; 55: 1321 - 1328.
8. Nielsen, M. E., et al. Introducing: photobiomodulation by low energy chromophore-induced fluorescent light. *Mechanisms of Photobiomodulation Therapy*. In IV, SPIE Photonics West BIOS, San Francisco 28 January – 2 February 2017.
9. Suh DH, Kwon HH. What's new in the physiopathology of acne. *BJD* 2015 Jan 24. doi: 10.1111/bjd.13634. [Epub ahead of print]
10. Zouboulis CC, Bettoli V. *BJD* 2015 Jan 17. doi: 10.1111/bjd.13639. [Epub ahead of print]
11. Bhate K, Williams HC. Epidemiology of acne vulgaris. *BJD* 2013;168:474-485
12. Thiboutot D. et al. New insights into the management of acne: An update from the Global Alliance to Improve Outcomes in Acne Group. *J Am Acad Dermatol* 2009;60(5 Suppl):1-50.
13. O'Daniel, T. G. Multimodal management of atrophic acne scarring in the aging face. *Aesthetic Plast. Surg.* 35, 1143–50 (2011)
14. Bock, O., Schmid-Ott, G., Malewski, P. & Mrowietz, U. Quality of life of patients with keloid and hypertrophic scarring. *Arch. Dermatol. Res.* 297, 433–8 (2006)

REFERENCES

15. Cotterill, J. A. & Cunliffe, W. J. Suicide in dermatological patients. *Br. J. Dermatol.* 137, 246–50 (1997)
16. Hession, M. T. & Graber, E. M. Atrophic acne scarring: a review of treatment options. *J. Clin. Aesthet. Dermatol.* 8, 50–8 (2015)
17. Cho, S. B. et al. Non-ablative 1550-nm erbium-glass and ablative 10 600-nm carbon dioxide fractional lasers for acne scars: a randomized split-face study with blinded response evaluation. *J. Eur. Acad. Dermatol. Venereol.* 24, 921–5 (2010)
18. Kim, R. H. & Armstrong, A. W. Current state of acne treatment: highlighting lasers, photodynamic therapy, and chemical peels. *Dermatol. Online J.* 17, 2 (2011)
19. Veith, W.B., Silverberg, N.B., The association of acne vulgaris with diet, *Cutis*, 88(2):84-91 (2011)
20. Zaenglein, A.L. Guidelines of care for the management of acne vulgaris, 2016; 74(5), 945-973.e33
21. <https://www.acne.org/myths.html>. Visited August 2017.
22. Magin, P. et al. A systematic review of the evidence for ‘myths and misconceptions’ in acne management: diet, face-washing and sunlight. *Family Practice* 2005; 22: 62–70.
23. Callender VD. Acne in ethnic skin: special considerations for therapy. *Dermatol Ther* 2004; 17:184–95.