

- ▶ Topical corticosteroids, and botulinum toxin can be applied as the first line treatment in Hailey-Hailey disease. Dermabrasion, carbon dioxide and erbium-YAG lasers can be used. Oral retinoids, cyclosporine, corticosteroids, azathioprine and methotrexate can be administered in systemic treatment.
- ▶ Low-dose naltrexone therapy is a new treatment modality and can be used in unresponsive patients.
- ▶ Studies have shown that oral vitamin D use contributes to lesion healing.
- ▶ Scarring and postlesional pigmentation disorders are observed during healing.

CONSULT

Infectious Diseases

- ▶ Secondary bacterial, fungal and viral infections that can be added to primary skin lesions may lead to exacerbation of the disease.
- ▶ Appropriate systemic antimicrobial treatments can be applied by taking the opinion of infectious diseases.

Psychiatry

- ▶ In patients having a severe course, the disease may be adversely affected from a psychiatric point of view due to the appearance of the lesions and the bad odor caused by the infections.
- ▶ In severe involvement, depression can further complicate the illness. With the aid of a psychiatrist, treatment compliance and health comfort of the patient may be increased.

Plastic and Reconstructive Surgery

- ▶ In severe cases that do not respond to treatment, a plastic and reconstructive surgery specialist can be consulted for skin grafting, and other suitable surgical interventions.

REFERENCES

- Ben Lagha I, Ashack K, Khachemoune A. Hailey-Hailey Disease: An Update Review with a Focus on Treatment Data. *Am J Clin Dermatol* [Internet]. 2020;21(1):49–68. Available from: <https://doi.org/10.1007/s40257-019-00477-z>
- Yang L, Zhang Q, Zhang S, Liu Y, Liu Y, Wang T. Generalized Hailey-Hailey disease: Novel splice-site mutations of ATP2C1 gene in Chinese population and a literature review. *Mol Genet Genomic Med*. 2021;9(2):1–14.
- Reddy S, Brahmabhatt H. A Narrative Review on the Usage of Surgical Skin Grafting, Acitretin, and Tacrolimus in the Treatment of Hailey-Hailey Disease. *Cureus*. 2021;13(11).
- Megna M, Scalvenzi M, Russo D, Timoshchuk EA, Costa C, Santoianni P. Hailey-Hailey disease successfully treated with vitamin D oral supplementation. *Dermatol Ther*. 2019;32(1).
- Jfri A, Litvinov I V., Netchiporouk E. Naltrexone for the Treatment of Darier and Hailey-Hailey Diseases. *J Cutan Med Surg*. 2019;23(4):453–4.
- Benmously-Mlika R, Bchetnia M, Deghais S, Ben Brick SA, Charfeddine C, Debbiche A, et al. Hailey-Hailey disease in Tunisia. *Int J Dermatol*. 2010;49(4):396–401.
- Martina E, Diotallevi F, Radi G, Campanati A, Offidani A. Therapeutic use of botulinum neurotoxins in dermatology: Systematic review. *Toxins (Basel)*. 2021;13(2).

- ▶ Hastalıkta birinci basamak tedavi olarak topikal kortikosteroidler ve botulinum toksin uygulanabilir. Dermabrazyon ve karbondioksit ile erbiyum YAG laserler kullanılabilir. Sistemik tedavide oral retinoidler, siklosporin, kortikosteroidler, azatiyopürin ve metotreksat kullanılabilir.
- ▶ Düşük doz naltrekson tedavisi yeni bir tedavi modalitesidir ve diğer tedavilere yanıtız hastalarda kullanılabilir.
- ▶ Oral D vitamini kullanımının lezyon iyileşmesine katkısı olduğu bazı çalışmalarda gösterilmiştir.
- ▶ Hailey-Hailey hastalığı iyileşirken skar bırakır ve/veya postlezyoner pigmentasyon izlenir.

DANIŞ

Enfeksiyon Hastalıkları

- ▶ Primer deri lezyonları üzerine eklenebilen sekonder bakteriyel, fungal ve viral enfeksiyonlar hastalığın alevlenmesine sebep olabilmektedir.
- ▶ Enfeksiyon hastalıkları görüşü alınarak uygun sistemik antimikrobiyal tedaviler uygulanabilir.

Psikiyatri

- ▶ Şiddetli vakalarda lezyonların görünümü ve üzerine eklenebilen enfeksiyonların sebep olduğu kötü koku sebebi ile hastalar psikiyatrik açıdan kötü etkilenebilmektedir.
- ▶ Şiddetli tutulum olduğunda, depresyonun hastalığı daha da komplike hale getirebilir. Alınabilecek psikiyatrik yardım ile hastanın tedavi uyumu ve yaşam konforu artırılabilir.

Plastik ve Rekonstrüktif Cerrahi (PRC)

- ▶ Tedaviye yanıt vermeyen şiddetli vakalarda tutulan alanlarda deri greftlemesi ve diğer cerrahi seçenekler için PRC uzmanından görüş alınabilir.

KAYNAKLAR

- Ben Lagha I, Ashack K, Khachemoune A. Hailey-Hailey Disease: An Update Review with a Focus on Treatment Data. *Am J Clin Dermatol* [Internet]. 2020;21(1):49-68. Available from: <https://doi.org/10.1007/s40257-019-00477-z>
- Yang L, Zhang Q, Zhang S, Liu Y, Liu Y, Wang T. Generalized Hailey-Hailey disease: Novel splice-site mutations of ATP2C1 gene in Chinese population and a literature review. *Mol Genet Genomic Med*. 2021;9(2):1-14.
- Reddy S, Brahmabhatt H. A Narrative Review on the Usage of Surgical Skin Grafting, Acitretin, and Tacrolimus in the Treatment of Hailey-Hailey Disease. *Cureus*. 2021;13(11).
- Megna M, Scalvenzi M, Russo D, Timoshchuk EA, Costa C, Santoianni P. Hailey-Hailey disease successfully treated with vitamin D oral supplementation. *Dermatol Ther*. 2019;32(1).
- Jfri A, Litvinov I V, Netchiporouk E. Naltrexone for the Treatment of Darier and Hailey-Hailey Diseases. *J Cutan Med Surg*. 2019;23(4):453-4.
- Benmously-Mlika R, Bchetnia M, Deghais S, Ben Brick SA, Charfeddine C, Debbiche A, et al. Hailey-Hailey disease in Tunisia. *Int J Dermatol*. 2010;49(4):396-401.
- Martina E, Diotallevi F, Radi G, Campanati A, Offidani A. Therapeutic use of botulinum neurotoxins in dermatology: Systematic review. *Toxins (Basel)*. 2021;13(2).