

## Scientific article reference list of Rhinolight® phototherapy

March, 2017

1. Csoma Zs, Ignacz F, Bor Zs, Szabo G, Bodai L, Dobozy A, Kemeny L: Intranasal irradiation with the xenon chloride ultraviolet B laser improves allergic rhinitis. *J Photochem Photobiol B: Biology* 2004, 75(3): 137-44
2. Koreck A, Csoma Zs, Ignacz F, Bodai L, Dobozy A, Kemeny L: Inhibition of immediate type hypersensitivity reaction by combined irradiation with ultraviolet and visible light. *J Photochem Photobiol B: Biology* 2004, 77: 93-96
3. Kronauer C, Eberlein-Konig B, Ring J, Behrendt H: Influence of UVB, UVA and UVA1 irradiation on histamine release from human basophils and mast cells in vitro in the presence and absence of antioxidants. *Photochem Photobiol* 2003, 77: 531-4
4. Z Novák, A Bérces, Gy Rontó, É Pállinger, A Dobozy, L Kemény: Efficacy of different UV-emitting light sources in the induction of T-cell apoptosis. *J Photochem Photobiol* 2004, 79(5): 434-439
5. Andrea I Koreck, Zsanett Csoma, Laszlo Bodai, Ferenc Ignacz, Anna Sz. Kenderessy, Edit Kadocsa, Gabor Szabo, Zsolt Bor, Anna Erdei, Barnabas Szony, Bernhard Homey, Attila Dobozy, Lajos Kemeny: Rhinophototherapy: a new therapeutic tool for the management of allergic rhinitis. *J Allergy Clin Immunol* 2005, 115(3): 541-47
6. Koreck A, Csoma Zs, Ignác F, Bodai L, Kadocsa E, Szabó G, Bor Zs, Nékám K, Dobozy A, Kemény L: Intranasalis fototerápia az allergiás rhinitis kezelésében (Intranasal phototherapy for the treatment of allergic rhinitis). *Orv. Hetil.* 2005, 146(19): 965-969
7. G. Passalacqua, P. J. Bousquet, Kai-H. Carlsen, J. Kemp, R. F. Lockey, B. Niggemann, R. Pawankar, D. Price, J. Bousquet: ARIA update – Systematic review of complementary and alternative medicine for rhinitis and asthma. *J Allergy Clin Immunol* 2006, 117(5): 1054-1062
8. Kadocsa E, Koreck I. A, Bella Zs, Csoma Zs, Ignác F, Alexa M, Dobozy A, Jóri J, Kemény L: Intranasalis fototerápia: új terápiás eljárás allergiás rhinitisben. (Intranasal phototherapy: new therapeutical method in the treatment of allergic rhinitis) *Fül-, orr-, gégegyógyászat* 2006, 52(2): 108-114
9. Zsanett Csoma, Andrea Koreck, Ferenc Ignacz, Zsolt Bor, Gabor Szabo, Laszlo Bodai, Attila Dobozy and Lajos Kemeny: PUVA treatment of the nasal cavity improves the clinical symptoms of allergic rhinitis and inhibits the immediate-type hypersensitivity reaction in the skin. *Journal of Photochemistry and Photobiology B: Biology* 2006, 83: 21-26
10. Lajos Kemény, Andrea Koreck: Ultraviolet light phototherapy for allergic rhinitis. Review in the *Journal of Photochemistry and Photobiology B: Biology* 2007, 87: 58–65
11. L. Kemény, A. Koreck, A. Szechenyi, M. Morocz, A. Cimpean, Zs. Bella, E. Garaczi M. Raica, T.R. Olariu, I. Rasko: Effects of intranasal phototherapy on nasal mucosa in patients with allergic rhinitis. *Journal of Photochemistry and Photobiology B: Biology* 2007, 89: 163–169
12. David Mitchell, Lakshmi Paniker, Guillermo Sanchez, Zsolt Bella, Edina Garaczi, Marta Szell, Qutayba Hamid, Lajos Kemeny, Andrea Koreck: Molecular response of nasal mucosa to therapeutic exposure to broad-band ultraviolet radiation. *Journal of Cellular and Molecular Medicine* 2010, 14: 313-322

13. Cemal Cingi, Aytekin Yaz, Hamdi Cakli, Erkan Ozudogru, Cem Kecik, Cengiz Bal: The effects of phototherapy on quality of life in allergic rhinitis cases. *European Archives of Otorhinolaryngology*, Accepted: 7th July, 2009
14. Detlef Brehmer: Endonasal phototherapy with Rhinolight® for the treatment of allergic rhinitis. *Expert Rev. Med. Devices* 2010, 7(1): 21-26
15. Cemal Cingi, Hamdi Cakli, Aytekin Yaz, Murat songu, Cengiz Bal: Phototherapy for allergic rhinitis: a prospective, randomized, single-blind, placebo-controlled study. *Ther Adv Respir Dis* 2010, 0(0): 1-5
16. Zsolt Bella, Edit Kadocsa, Lajos Kemeny, Andrea Koreck: Narrow-band UVB phototherapy of nasal polyps: Results of a pilot study. *Journal of Photochemistry and Photobiology B: Biology* 2010, 100: 123-127
17. Detlef Brehmer, Michael P. Schön: Endonasal phototherapy significantly alleviates symptoms of allergic rhinitis, but has a limited impact on the nasal mucosal immune cells. *Eur Arch Otorhinolaryngol*, Accepted: 20th August, 2010
18. Stoyanov St., Assenova K: UV radiation therapy for allergic rhinitis. *Folia Otorhinolaryngologica* 2010, 16(1): 31-34
19. Bella Zs., Kiricsi Á., Viharosné Dósa-Rácz É., Dallos A., Kiss M., Kemény L., Jóri J., Kadocsa E.: Rhinofototerápia perzisztáló allergiás rhinitisben. Humán randomizált kettős vak, placebo kontrollált, prospektív, előzetes vizsgálat. *Fül-, orr-, gégegyógyászat* 2010, 56(2): 107-115
20. A Koreck, Zs. Bella, E. Kadocsa, A. Perényi, T.R. Olariu, L. Tiszlavcz, I. Nemeth, M. Kiss, J. Jóri, L. Kemény: Intranasal PUVA phototerapy in nasal polyposis- a pilot study. *Romanian archives of Microbiology and Immunology*, 1/2010, accepted
21. Garaczi E, Boros-Gyevi M, Bella Zs, Tóth E, Csoma Zs, Dósa-Rácz É, Kemény L, Koreck A: Intranasal phototherapy is more effective than fexofenadine hydrochloride in the treatment of seasonal allergic rhinitis. *Photochemistry and Photobiology* 2011, 87(2): 474-7
22. I.B. Németh, O. Zsiros, A. Koreck, Zs. Bella, A. Kiricsi, F. Ignácz, E. Kadocsa, L. Kemény: Ultraviolet Light and Photodynamic Therapy Induce Apoptosis in Nasal Polyps. *Photochemistry and Photobiology* 2012, (117): 179-84
23. Emel Çadalli Tatar, Hakan Korkmaz. Ünzile Akpınar Sürenoğlu, Güleser Saylam, Ali Özdek: Effects of Rhinophototherapy on Quality of Life in Persistent Allergic Rhinitis. *Clinical and Experimental Otorhinolaryngology* 2013, 6(2): 73-77
24. Yavuz Selim Yıldırım, Tayfun Apuhan, Esra Koçoğlu: Effects of Intranasal Phototherapy on Nasal Microbial Flora in Patients with Allergic Rhinitis. *Iran J Allergy Asthma Immunol*, September 2013, 12(3):281-286
25. Soheila Alyasin, Seyed Hesamedin Nabavizadeh, Hamidreza Houshmand, Hossein Esmailzadeh, Sina Jelodar, Reza Amin: Short Time Efficiency of Rhinophototherapy in Management of Patients with Allergic Rhinitis Resistant to Medical Therapy. *Iran J Allergy Asthma Immunol*, August 2016; 15(4):317-327
26. Bella Z, Kiricsi Á, Viharosné ÉD, Dallos A, Perényi Á, Kiss M, Koreck A, Kemény L, Jóri J, Rovó L, Kadocsa E: Rhinophototherapy in persistent allergic rhinitis. *Eur Arch Otorhinolaryngol*, 2017 Mar; 274(3):1543-1550