

Information & Check list Empty Nose Syndrome

1. Personal data

Patient name (printing letters, please)

Patient ID

Date of birth

2. Symptoms

Please indicate your leading symptoms and add further information if necessary.

- feeling of not getting enough air (though the nose is wide)
- restraint of nasal breathing
- annoying nasal discharge
- dry nose
- pain in the nose
- incrustation
- nosebleed

Miscellaneous:

3. Previous therapies

Please describe briefly relevant former treatments.

4. Information for the doctor

Please give instructions to the doctor, especially about medical particularities or existing intolerances/allergies.

5. Offered treatments

The treatment of ENS has to be adjusted individually. With the following information we would like to inform you about the financial scope of our content of treatment.

| Content of treatment | Duration | max. Costs |
|---|----------|---|
| Endoscopic investigation, including S-technology-endoscopy, to depict the perfusion of the nasal mucosa, determine the mucosa-score and differentiate functional from dysfunctional tissue. | 30 min | EUR 180 |
| 3-D-imaging of sinus and paranasal sinus with cone beam computed tomography (CBCT) | 30 min | EUR 150 |
| Allergy test (PRICK) to rule out associated mucosal diseases | 30 min | EUR 90 |
| Summary of all test results to develop a therapeutic strategy together with Prof. Dr. Gero Strauss (in exceptional cases with Mr. Lars Reuther in proxy) | 30 min | EUR 190 |
| REF-1/2/3-treatment within the OR under local anesthesia | 60 min | EUR 400 (REF-1) EUR 600 (REF-2) EUR 800 (REF-3) |

Please sign to confirm that you were informed about the contents and the financial scope of treatment within our ENS package.

Place, Date

Signature

FAQ

1. Does ACQUA Klinik have experience with ENS patients?

Since 2009 we yearly treat more than 1.200 patients with chronic diseases of the nasal mucosa; including approximately 5% of patients who suffer from symptoms which can be called ENS. We do not consider ENS as a syndrome of the empty nose, but as a result of a dysfunctional nasal mucosa, sometimes in combination with anatomical defects. Only in rare cases an „empty“ nose after too radical resection is the underlying cause of ENS. We invest a lot of time in the review of international literature and are basically open-minded to new therapeutic approaches.

2. Which therapeutic options does ACQUA Klinik apply to treat ENS?

We dispose of all surgical methods, including fully navigated surgery of the sinus and paranasal sinuses. With help of the S-technology-endoscopy we can visualize functional changes of the mucosa. We are able to restore structural defects with endogenous and exogenous tissue. Since 2013 we have gained experience with the non-manipulative activation of stem cells. Since 2014 we apply JetMucosa for treatment; since 2016 we make use of the REF procedure by Prof. Bader. Further, we possess experience with the combination of conventional medicine and Traditional Chinese Medicine.

3. What is the active principle of the treatment with regenerative factors?

The principle of REF is based on the injection of synthetically produced regenerative factors which can lead to an activation of endogenous stem cells. As a result repairing mechanisms can be initiated, which ideally lead to a normally structured and functioning mucosa. This procedure is an implementation of an admitted medicament. Pending further notice, the application of REF to the nasal mucosa has to be considered as compassionate use until sufficient clinical data is available.

4. How are the experiences with the therapeutic concept?

So far we have treated 82 patients (current status 01.11.16) with indication of a chronic dysfunction of their nasal mucosa. After 3 months of treatment with REF better results appear in comparison to the control group concerning the essential parameters of complaint (nasal discharge, self-regularization of the nose, paresthesia of breathing). Until further notice, these results are not significant and do not match the requirements of a scientific investigation.