

Pioneering  
**Non-Invasive**  
Surgery



## **MEET THE EXPERT**

**Dr. med. Jörg Seeberger**

Director of the Nuclear Medicine Center Seeberger  
Ilsfeld, Germany

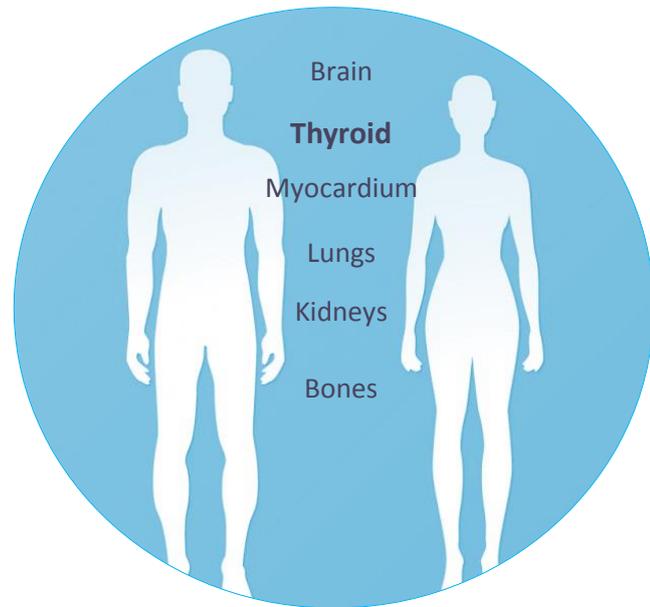
***“After echotherapy, patients suffering from various symptoms induced by their thyroid nodules can have a normal life again.”***

### Dr. med. Seeberger, can you please describe your institution?

We are a brand new practice for nuclear medicine, opened in May 2016 in Ilsfeld, Germany.

The Seeberger family has been active in the field of radiology and nuclear medicine in the region of Heilbronn, Germany for around 40 years.

By combining the latest medical knowledge and regular trainings, we offer our patients of all age classes a broad spectrum of nuclear medical diagnostic and therapy techniques.



### Could you tell us the reasons you chose to acquire the Echopulse®?

As a specialist in diagnostics and therapy of thyroid diseases, it seemed logical to acquire the Echopulse® system to offer a new, non-invasive method of treating benign thyroid nodules for our patients.

### In your opinion, how can patients benefit from an Echopulse® treatment?



The most important benefit of echotherapy is that it is a totally non-invasive procedure, resulting in **a treatment without general anesthesia and without scars**, which makes it a real alternative, especially for patients with high risks for surgery, due to age or renal diseases.

What is also a real benefit is the fact that **the thyroid itself is being preserved** while surgery or radioiodine therapy often “kills” the thyroid and its function.

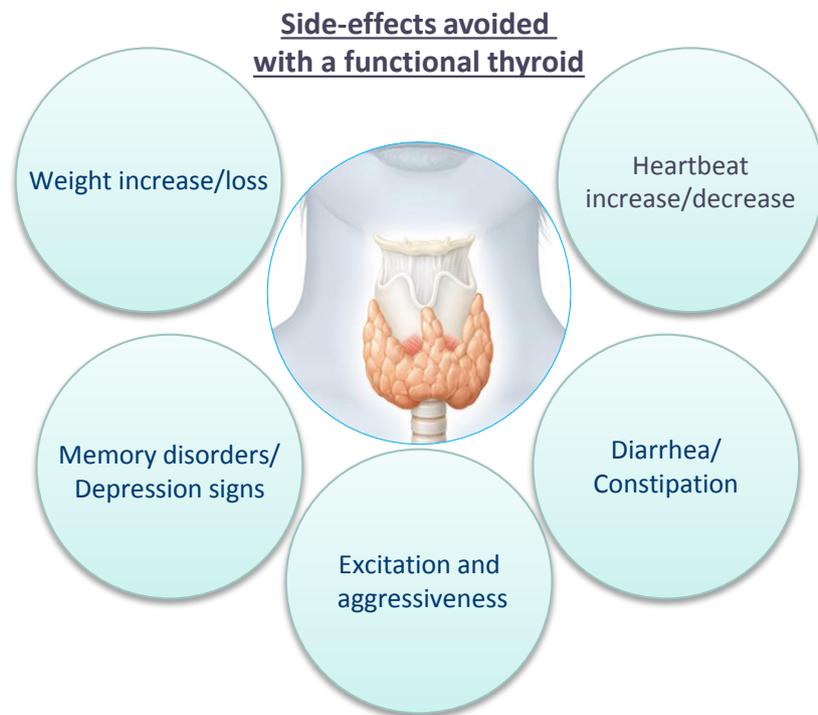
### Can you please describe your experience so far with the Echopulse® system?

Echopulse is very user-friendly and offers an intelligent software technique that helps you to identify pulses that would damage vessels or any other sensitive structures.



## How would you usually treat patients with thyroid nodules ?

Without the Echopulse® system, the treatment of choice would be surgery or radioiodine therapy, depending on the kind of nodule. Since we can offer echotherapy, we believe it is simply the best treatment for these patients as it is without surgery, without scars, without general anesthesia and without hospitalization. Additionally, the benefits of echotherapy are – compared to surgery or radioiodine – so much better, above all, because the thyroid is being preserved. This is really important in order for patient to maintain their thyroid function and thus their quality of life.



## How did the patients who seek echotherapy at your center learn about this new technique?

A lot of our patients are scared about surgery or are high risk patients. As a result, they go on the internet and seek out therapeutic alternatives. The internet is a powerful media nowadays and patients easily find information about echotherapy that is of great interest to them. Patients call us specifically for information on echotherapy and diagnostics to find out if they are candidates for the treatment.



## Did the introduction of Echopulse® treatment bring a new population of patients to your center?

Yes, it did! Since the introduction of echotherapy, we have had patients from Bavaria and other countries . We even have a patient come to us from the United States to benefit from echotherapy procedure.

We hope to be able to treat even more people from all over the world with echotherapy.

*“Patients scared about surgery or high risk patients are interested in echotherapy.”*

## Could you please describe your results with echotherapy?

Though we have treated only a few patients, we have obtained very good results. The most impressive outcome we observed was a middle-aged woman who was suffering from a compression of the trachea, resulting in shortness of breath, due to multiple nodules. Shortly after her treatment she was able to walk the stairs again without almost collapsing from being unable to breath, returning to her a normal life. Three weeks after the treatment we did a follow-up ultrasound (we were so curious about the results) – the treated nodule was almost 35% smaller. A few weeks after she had the other nodule treated.

*“Echotherapy is quite effective and totally non-invasive.”*

Echopulse® is a class IIb medical device (according to Directive 93/42/EEC) designed and marketed by Theraclion  
Echopulse® has received CE-mark for non-invasive treatment of breast fibroadenomas and thyroid nodules – CE n° 0120  
Not covered by statutory health insurance schemes in Europe  
(with the exception of Germany where it is covered by several insurance companies)  
Before use, read the instruction for use carefully

Non contractual pictures

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