

Bad Hönningen, 06.06.2024

Offer for medical program realization № 270414

Patient: Mr Matthew Gilbert, DOB 30.08.1968

Diagnosis: High-grade primary brain tumor in the left subthalamic region

Hospital name: LDG Laboratories Dr. Gansauge Berg

Department: Department of Oncology and Dendritic Cell Therapy

City: Berg

Country: Germany



Program description

Medical services:

- Initial presentation in the clinic
- Clinical history taking
- General clinical examination
- Laboratory tests:
 - Complete blood count
 - Liver and kidney function tests
 - Other tests, if indicated
- **Blood sampling and manufacturing of an individual vaccine**
- **Dendritic cells immunotherapy LANEX-DC**
- Symptomatic treatment
- Cost of essential medicines
- Consultations of related specialists (if indicated)
- Nursing services
- Control examinations

The stages of LANEX-DC® dendritic cell immunotherapy are as follows:

Stage 1: taking about 200 ml of blood

Stage 2: isolation of immature precursor cells for growing dendritic cells under laboratory conditions (the maturation of dendritic cells takes 7 days)

Stage 3: assessment of the number of mature dendritic cells and their viability using a flow cytometer

Stage 4: several procedures for cleaning mature dendritic cells

Stage 5: placement of dendritic cells in two small syringes and their follow-up injection into the groin area (a subcutaneous injection)

Stage 6: vitamin infusions and discharge from the clinic

! It is recommended to include dendritic cell vaccination in the treatment regimen for any formations in the brain, both inflammatory etiology and neoplastic processes. Dendritic cells have the ability to penetrate the blood-brain barrier and contribute to the rapid localization and reverse development of both inflammatory and tumor processes. Dendritic cells significantly reduce the severity of patients' condition and promote better tolerability of any subsequent treatment. All patients with brain tumors who received DCV showed a significantly higher cure rate and longer survival. Immunologically dendritic cells (DCs) are key factors associated with innate and adaptive immune reactions. Their clear and optimized differentiation and maturation phases play a vital role in stopping the progression of brain damage and help to increase effective lymphocyte responses for long-term immunity.

Booking Health GmbH services:

- Organization of the medical program
- Program coordination by the doctor from Booking Health
- Consultation with doctors of one or several clinics
- Negotiations on optimizing the cost of diagnostics and treatment
- International negotiations with foreign patients
- Individual Manager for the entire period of the medical program
- Reservation of a place in the hospital
- Medical support within the next 12 months after treatment
- Assistance in purchasing and exporting medicines
- Insurance against increased costs in case of complications with a cover of 200,000 €
- Interpreter up to 10 hours
- Translation of medical reports

Package price including all expenses for organization and service:	36.368,00 €
Type of care:	Outpatient
Expected duration of the program:	Up to 9 days

About clinic

LDG Laboratories Dr. Gansauge Berg

The LDG Laboratories Dr. Gansauge Berg is an advanced medical facility specializing in innovative LANEXDC® dendritic cell immunotherapy. This type of immunotherapy is highly effective and allows for excellent results in all stages of the oncological process. The clinic is one of the few in all of Europe whose doctors have unique competencies and skills in the use of dendritic cells. Treatment success rates are at the highest level, which attracts many patients from various parts of Germany and many foreign countries. Dendritic cell vaccination is indicated for the treatment of various types of cancer. The therapeutic effect is achieved by activating the person's own immune system. After the injection of an individually created dendritic cell-based vaccine into the patient's body, the immune system begins to specifically target tumor foci to destroy them. More than 2,500 LANEX-DC® dendritic cell immunotherapy procedures have been performed at the LDG Laboratories Dr. Gansauge Berg in 2023. Patients can therefore be confident in the professionalism of the doctors at the medical center and count on the best treatment outcome. The clinic's medical team is focused on providing each patient with high-quality medical care in comfortable conditions. The specialists always devote enough time to personal communication with patients, explaining to them the principle of action of dendritic cell immunotherapy and predicting the expected treatment outcomes.

About Department

The Department of Oncology and Dendritic Cell Therapy at the LDG Laboratories Dr. Gansauge Berg specializes in the treatment of patients with brain tumors. The key focus of the work of the department's doctors is advanced LANEX-DC® dendritic cell immunotherapy. Today, the medical facility is one of the world's leading providers of dendritic cell therapy. Treatment is carried out on an outpatient basis. The department regularly admits many patients from abroad who want to undergo innovative treatment that is not available in their native country. The department is headed by Prof. Dr. med. Frank Gansauge, who is one of the few experienced specialists in the field of dendritic cell treatment worldwide. The doctor is also actively engaged in research activities and regularly publishes the results of his work. Today, dendritic cell immunotherapy is one of the most progressive methods in the fight against cancer. The essence of the treatment is the preparation of an individual vaccine based on the patient's own dendritic cells and its injection into his body. After entering the body, modified dendritic cells stimulate the human immune system, ensuring the destruction of cancer foci. Immunotherapy begins with taking about 200 mL of blood. Immature dendritic precursor cells are isolated from the collected blood under laboratory conditions. The precursor cells are then placed in a laboratory incubator, where they multiply and mature under the influence of nutrient solutions and growth factors. The duration of the maturation of dendritic cells in a laboratory incubator is 7 days. On the 7th day, the department's

specialists assess the number of mature dendritic cells and their viability using a flow cytometer, after which several purification procedures for mature dendritic cells are performed. The dendritic cells are then placed in two small syringes, and the physician injects the resulting vaccine subcutaneously into the groin area. After the completion of the procedure, the patient receives vitamin infusions. Upon entering the patient's body, dendritic cells move to the lymph nodes, where they activate killer cells (cytotoxic T lymphocytes), which can destroy malignant cells. Activated T killers "remember" the characteristics of the tumor and spread through the patient's body in the bloodstream in search of malignant cells to be destroyed. This is how the therapeutic effect is achieved. It is worth noting that the department's laboratory for growing dendritic cells is certified in accordance with the requirements of the EU-GMP. In addition, the department's doctors work in the only laboratory in the world where the obtained cells are not frozen and the "1-vaccination" protocol is used.



The chief doctor of the clinic is Prof. Dr. med. Frank Gansauge.

Prof. Dr. med. Frank Gansauge is the Head of the LDG Laboratories Dr. Gansauge Berg and the Head Physician of the Department of Oncology and Dendritic Cell Therapy at this clinic.

Prof. Gansauge received his medical education at the University of Tuebingen in Germany. He also studied medicine in Cardiff, England.

From 1992 to 1999, he worked as an Assistant Physician in the Department of Surgery at the University Hospital Ulm. This was followed by the positions of Senior Physician and Head of the Day Hospital and Research Laboratory at the same hospital (for 2 years).

In 2000, the doctor had his habilitation in the field of Oncology at Ulm University. In 2002, he founded the LDG Laboratories Dr. Gansauge Berg.

Dr. Frank Gansauge is a Visiting Professor at the Liaoning University of Technology in China, a Visiting Professor at the Faculty of Medicine at the University of Belgrade in Serbia, and a Professor at the Shanxi Medical University in China.

Prof. Gansauge is the author of over 160 scientific publications and numerous book chapters. He has also been the winner of prestigious awards, including the Fred Stephans Award and the Merckle Research Award.

Here are the further steps:

1. You should inform us about your decision within 5 days and send us copies of the first pages of all travelers' passports.
2. We will prepare and conclude with you an agreement regarding the organization of the medical program.
3. You pay the cost of medical and organizational services.

4. You will be assigned a Travel Manager, who will provide support in obtaining a visa; search, booking / rebooking of airline tickets; booking a hotel near the hospital or looking for an apartment for the patient and accompanying persons. The Travel Manager will remain in constant contact with the patient from the time of the conclusion of the contract and until the end of the program.
5. You will be assigned a personal Medical Hospital Service Manager (MHS Manager) who is responsible for telephone conversations and personal meetings with the physicians and medical staff of the hospital to reserve the date of appointment and organization of patient's diagnostics or / and treatment.
6. We will form a request to the hospital for diagnostics or / and treatment of the patient in accordance with German standards.
7. We will prepare all necessary documents: insurance, invoices, vouchers, proof of payment, and invitation from the hospital for either obtaining a visa or crossing the border.
8. You will receive an email with all the information on details of your travel.
9. You will be assigned a personal Coordinating Interpreter who knows medical terms, has good contacts in the hospital and is well-oriented in the hospital campuses and professors' offices.
10. The Coordinating Interpreter will also receive an email with detailed information on the travel.
11. The interpreter will meet you at the airport, accommodate at the hospital or hotel (if the transfer is booked). In the hospital the Interpreter will coordinate the program and accompany you during the examinations.
12. The Medical Hospital Service Manager will daily contact both hospital and interpreter to supervise the implementation of the program.
13. The Coordinating Physician from Booking Health will contact the attending physicians from the hospital and coordinate medical aspects of the program.
14. Upon completion of the program, medical documents will be requested, translated and provided to the patient.
15. The Medical Hospital Service will monitor the invoices from the hospital and return the remaining funds after the treatment to the patient.
16. The Quality Department will ensure the information security of the client's data and monitor the quality of patient care by the medical personnel of the hospital in accordance with the ISO 9001 standard.
17. We will support communication between the doctors of the hospital and you within the next 12 months, answer all your questions and provide prescriptions for recommended medications.

The reasons for you to trust us:

1. The first and only company in the world specializing in the organization of treatment, certified according to international quality standards ISO 9001
2. Full transparency of financial relations
3. We save up to 40% of the customer's budget - direct contracts with hospitals on favorable terms for our patients
4. 18 years of experience, we act only in the interests of the patient
5. The database of 3000 hospitals: specialized world-class experts with the maximum amount of successful treatment who develop innovative techniques and work on high-quality (often exclusive) equipment
6. We provide both quality and result: constant audit of hospitals, work only with the best
7. We provide support within the next 12 months after treatment

Kindest regards,



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