

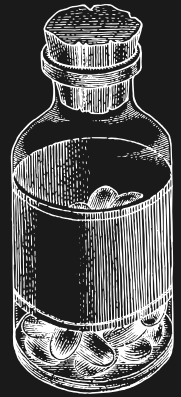


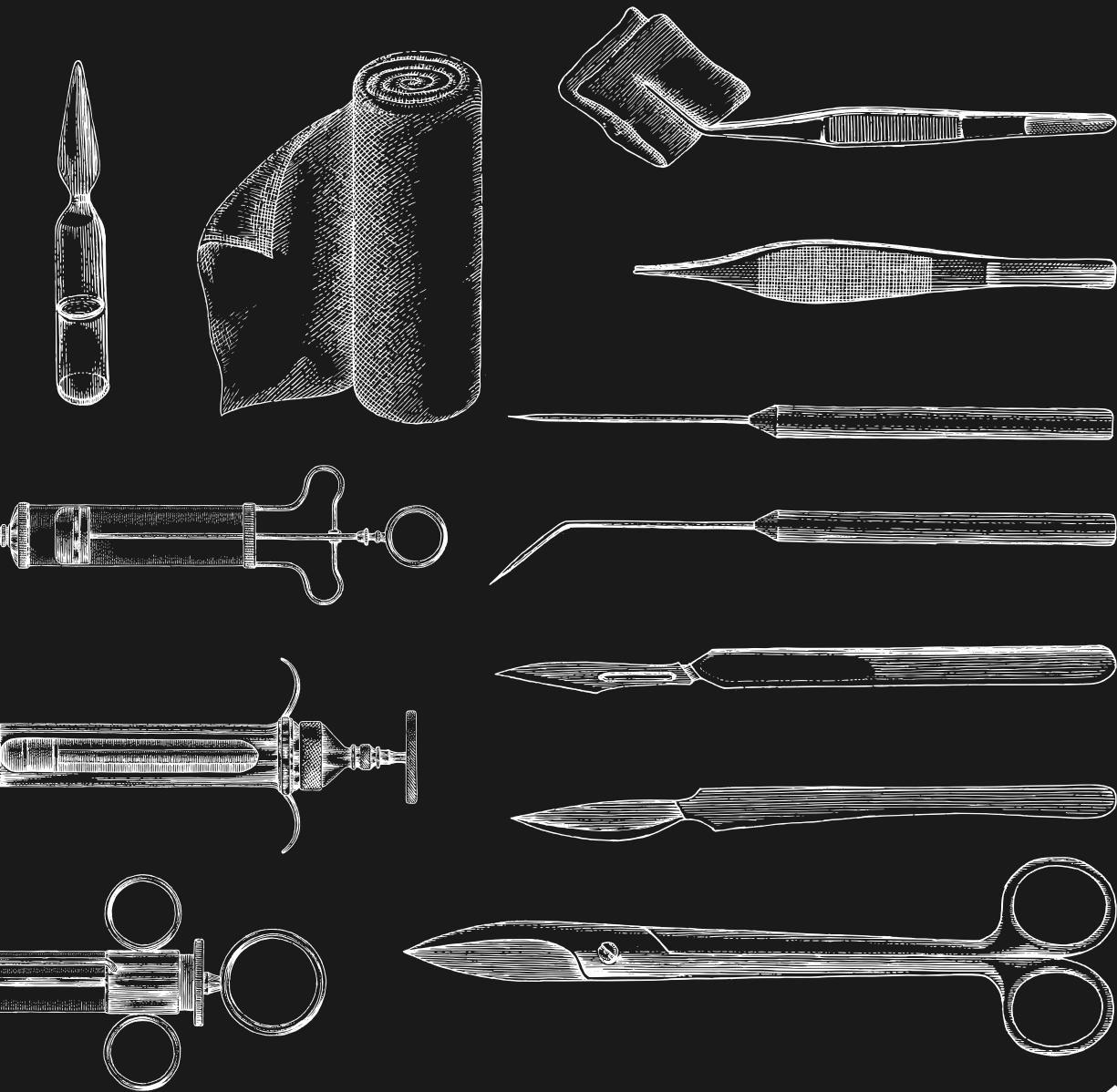
Getting better, every day

Up-to-date treatment since 1759

In 1756, his Majesty, King Adolf Frederik of Sweden signed the first constitutional documents for establishing a hospital in Finland. The provincial hospital in Turku opened its doors to the public in 1759.

During the first decades the patients were mainly treated for venereal diseases, eye diseases, epilepsy, mania and hysteria, infections of the bones, purulent ulcers and sores, scabies and accidents. With the progress in the art of surgery in the 1780's, a professorial chair of surgery was established in the Royal Academy of Turku. Ever since, the hospital and the university have collaborated intensively to fuel science and teaching.





Getting better every day

The Turku University Central Hospital continues the work that was started in Finland's first hospital. Being a pioneer is deeply rooted in us and we believe science is the answer for conquering serious illnesses. Just as an example: we have created one of the largest biobanks in the Nordic countries to be used by health care and science. This gives us a lead in developing individualized medicine.

The Tyks Hospital of the future is built on the expertise of its 8,000 employees, on research, health technology, digitalisation and health campus collaboration.

Everything we do focuses on offering tangible health benefits and treating each patient as a unique individual. Your health matters.



First and still ahead

Our closest partner is the **University of Turku**. Research is the most important means in developing new evidence-based therapies. The number of annually ongoing research projects within the Tyks Hospital is 800.

The **Auria Biobank** is the first biobank in Finland. It was founded by the University of Turku and the hospital districts of Southwest Finland, Satakunta and Vaasa. The biobank contains about one million samples which are used for research purposes.

The joint **PET Center** of the University of Turku, Åbo Akademi University and Tyks provides world-class diagnostic services, pursues scientific research and develops positron-emitting radionuclides and radiopharmaceuticals.



Treatments in special responsibility areas are concentrated to the Tyks Hospital

Certain functions of specialised hospital care surpass the boundaries of the hospital districts and are centralised to university hospitals. Tyks is responsible for the special responsibility areas covering the hospital districts of Southwest Finland, Satakunta and Vaasa. The specialised treatments of the below listed specialties, among others, are carried out in Tyks:

- **Cardiac and chest surgery**
- **Neurosurgery**
- **Specialised cancer treatments**
- **Pediatric surgery**



A surgical team in an operating room performing a procedure on a patient's leg. The surgeons are wearing blue scrubs, masks, and gloves. They are using various surgical instruments, including a saw and a drill. The patient is lying on a table, and their leg is the focus of the surgery. The background shows medical equipment and shelves with supplies.

Tyks Orto: **top expert on** **musculoskeletal** **diseases**

Tyks Orto is the name of the division that provides services in the field of musculoskeletal diseases. Tyks Orto is a high expertise unit whose aim is to maintain the patients' functional ability and improve their quality of life through the best and most effective treatments. The unit is one of the best in Europe in its top areas of expertise.



Tyks Heart Centre: **new treatment modalities for heart conditions**

In addition to advanced diagnostics, the Heart Centre carries out advanced treatments like percutaneous coronary angioplasty, coronary bypass surgery, valve surgery, pacemaker treatments, cardiac ablation for treating rhythm problems, advanced treatment of heart failure and cardiac and thoracic surgery.



Tyks Department of Digestive Surgery and Urology looks into the future

The Department of Digestive Surgery and Urology offers specialised medical services for patients with diseases of the digestive or urinary tract. The main functions are emergency surgery and cancer diagnosis and treatment.

Tyks Clinical Neurosciences: diseases of the brain

Tyks Clinical Neurosciences is responsible for the specialised medical care of patients with neurological conditions. The competences include treatment of brain blood circulation disorders, treating and rehabilitating brain injury patients, neurosurgery and general neurology (including epilepsy, multiple sclerosis, Parkinson's disease and memory disorders).

Tyks Medicine

– a coalition of experts

Tyks Medicine treats patients with conditions related to internal medicine, lung diseases, skin diseases, occupational medicine and clinical genetics. Services include tests in the field of clinical physiology, nuclear medicine and positron emission tomography (PET), dialysis, procedures of the lungs and skin and initiation of sleep apnea treatment.

A woman is looking through the eyepiece of a surgical microscope. A doctor, wearing a blue surgical cap, is looking through the other eyepiece. The microscope is a large, complex piece of equipment with various lenses and adjustment knobs. The background is slightly blurred, showing a clinical setting.

Tyks diseases of the eye, ear, and throat and maxillofacial diseases

The Operational Division of Surgery and Cancer Diseases is responsible for treatments of diseases in the head and neck area. Typical procedures include treating eye diseases and hearing impairment, surgery after accidents and severe burns, plastic surgery and surgery of the face area and jaw as well as treatment of cancers of the head and neck.

Tyks Department of oncology: state-of-the-art treatment

The Tyks Department of oncology focuses on non-surgical cancer treatments. The treatments follow internationally established guidelines. New treatment modalities are actively introduced into clinical practice. Patients needing special radiotherapy come to Tyks from all over Finland.

Tyks Psychiatry is here to help the failing mind

The functions of Tyks Psychiatry fall into eight responsibility areas: acute, pediatric, neuro, adolescent, addiction and geriatric psychiatry, mood disorders and psychoses. In recent years the focus has been on improving open-care services and the quality of patient-oriented treatment processes.

Tyks Department of Paediatrics and Adolescent Medicine helps early in life

The Tyks Department of Paediatrics and Adolescent Medicine helps patients under 16 years who need specialised medical services in pediatrics and pediatric surgery and neurology. The high expertise units Tyks Orto and Tyks department for preterm babies are also part of this division. The treatment results of the Department of neonatal intensive care are excellent, also by international comparison.

Tyks Department of Obstetrics and Gynaecology witnesses 3,800 miracles every year

The Tyks Department of Obstetrics and Gynaecology is responsible for the specialised medical care of these medical disciplines. This includes management of risk pregnancies, fetal diagnostics, treatment of endometriosis, surgical treatment of male infertility, treatment of urinary incontinence and pelvic organ prolapses as well as treatment of gynecologic cancers.

A photograph of two scientists, a woman and a man, both wearing white lab coats, looking at a document together in a laboratory. The woman is on the left, and the man is on the right. They are both smiling and appear to be in a collaborative discussion. The background is a blurred laboratory setting with various equipment and shelves.

Tykslab: **stem cell** **transplantation** **expertise**

Tykslab has been accredited by FINAS and JACIE and complies to the very specific and strict quality and competence requirements. Tykslab offers a selection of more than 700 different laboratory tests. Tykslab has profound expertise in the laboratory work and sampling related to clinical chemistry and hematology, blood banking and stem cell transplantations.

Tyks Medical Imaging Centre – not only diagnostics

Tyks Medical Imaging Centre provides radiological support services to the hospital: radiography, magnetic resonance imaging, computerized tomography and ultrasound (sonography). The equipment used at the Tyks Medical Imaging Centre is state-of-the-art and is continuously developed. The Tyks Medical Imaging Centre offers the most extensive range of neuromodulatory therapies in Finland.

Totek tackles demanding situations

Totek is the acronym for the Finnish words for procedures, intensive care and pain management. Totek is responsible for the functions of the surgical departments, the intensive care unit, the Pain Clinic and the respiratory support unit. Annually, Totek manages more than 40,000 operations or other procedures requiring anesthesia. The daily work in the division also includes education, research and training.



Hospitals within the Hospital District of Southwest Finland



- 1** Tyks Main hospital
- 2** Tyks Surgical hospital
- 3** Tyks Vakka-Suomi hospital
- 4** Turunmaa hospital
- 5** Tyks Raisio hospital
- 6** Tyks Loimaa hospital
- 7** Tyks Salo hospital
- 8** Halikko hospital



Emergency Medical Services is here to help

The Emergency Medical Services is a public utility and manages about 140,000 attendances and 66,000 instances of pre-hospital emergencies annually. These services are offered by more than 30 emergency medical service units which are backed up by the Maritime Rescue Centre of the Finnish Border Guard, the first response units of the municipalities, the Finnish Red Cross and the physician-staffed helicopter emergency medical service (FinnHEMS20).

The Turunmaa hospital is genuinely bilingual

The Turunmaa hospital supports the Tyks Hospital by providing medical services to the inhabitants of Pargas (Parainen) and Kimitoön (Kemiönsaari) where Swedish is the majority language. The Turunmaa hospital is also open to other patients and clients, regardless of their mothertongue. The Turunmaa hospital focuses on open care and daytime surgery.

Facts about Tyks



1 000 000

The annual number of open-care visits exceeds one million.

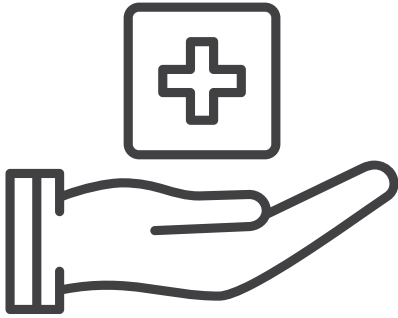
200 000



More than 200,000 individuals are treated.

8 000

We employ more than 8,000 professionals in different areas of expertise.



400

More than 400 departments and units offer care and help for different situations.

The Tyks hospital is owned by the Hospital District of Southwest Finland which includes

28

municipalities,

where the **total population** exceeds

470 000

Average response score

4,6/5

Maintaining and improving patient satisfaction is one of the most important goals of Tyks. The average score of more than 15,000 patient responses is 4,6 out of a possible maximum of 5 – an excellent result.

