

LUNG CANCER CENTRE

Multidisciplinary expertise
for the best diagnostic
and therapeutic strategy



Introduction

Lung cancer is a complex disease. Optimal care requires the expertise of several medical specialties. The Lung Cancer Centre brings together specialists from the departments of thoracic surgery, nuclear medicine, oncology, pathology, pulmonology, radio-oncology, and the Thoracic and Oncologic Radiology Unit on an interdisciplinary platform. These professionals work together to develop a personalised treatment plan based on your tumour's characteristics, your overall health and your individual preferences. Their collaboration ensures that you receive the most advanced and comprehensive care available.

Our objectives

The Lung Cancer Centre brings together multidisciplinary expertise to:

- ▶ offer the most appropriate diagnostic and therapeutic strategy based on the latest scientific evidence.
- ▶ co-ordinate comprehensive care and treatment across the various departments of HUG.

Who is it for?

Any adult with a suspected or confirmed diagnosis of lung cancer can contact the Lung Cancer Centre.

European certification

The Lung Cancer Centre is the only centre in French-speaking Switzerland accredited by the European Cancer Centre (ECC) for the management of lung cancer. This recognition establishes the Centre as a national and international point of reference.

The accreditation reflects the team's ongoing commitment to providing state-of-the-art care to the population of Geneva and ensures that patients are treated by experts specifically trained in their field for this disease.

Maintaining ECC certification involves regular audits carried out by independent bodies.



Team

The Lung Cancer Centre draws on experts from many different specialties.

Radiologist

Analyses radiological images to establish a diagnosis, precisely assesses the extent of the disease and takes part in decisions regarding potential interventional procedures.

Nuclear medicine physician

Specialises in diagnostic molecular imaging techniques such as scintigraphy and positron emission tomography (PET).

Pulmonologist

Responsible for screening, diagnosing and treating patients, as well as performing interventional pulmonology procedures.

Pathologist

Examines tissue or cell samples to establish a diagnosis and assess factors that predict how patients will respond to certain treatments.

Thoracic surgeon

Removes tumours and the surrounding lymph nodes near the bronchi and trachea, which are often the first sites of metastasis.

Oncologist

Prescribes and supervises cancer treatments for in- and outpatients, and provides ongoing medical follow-up.

Radiation oncologist

Treats cancer using ionising radiation and supervises clinical procedures during radiotherapy to evaluate patients' responses and ensure optimal tolerance of treatment.

The team is further supported by case managers, data managers, a quality manager and secretarial staff, who coordinate and document the care pathway.

Services

Proposed diagnostic and therapeutic strategies

Multidisciplinary expertise: the tumour board

The centre's specialists meet weekly at a tumour board meeting, where they review each patient's situation. Their conclusions help to establish or confirm the diagnosis and to propose the most effective and appropriate treatments.

The referring physician is invited to participate, either in person or via videoconference.

Second opinion

The Lung Cancer Centre can be consulted by patients or their doctors for a second opinion on their care. The centre's group of experts and specialists will examine all relevant medical information, such as radiology and pathology documents, and send a report with their observations and treatment recommendations to the person who requested the review.

For details on how your doctor can present your case or attend the tumor board remotely, see:

➔ www.hug.ch/e-tumor-board-participez-distance-aux-tumor-boards



Access to innovative treatments

Depending on your situation, the Lung Cancer Centre may offer you the opportunity to participate in clinical trials. These trials provide access to treatments that offer genuine therapeutic options when the cancer is resistant to conventional treatments. These innovative treatments are only available at university hospitals.

Care pathway coordination

Case managers ensure personalised medical care for patients across the hospital's various services. They ensure that all stages of the care pathway proceed optimally, guaranteeing continuity and optimal treatment times.

Guide to support associations

Many associations provide support to patients, their relatives and primary care-givers facing cancer. The Lung Cancer Centre collaborates with several associations including La Ligue Genevoise contre le Cancer, the Centre Otium, ESCA Cancer Support, Resiliam and Healing Joy.

You can find contact details for all these associations on the HUG website:

➡ www.hug.ch/departement-doncologie/guide-associations





Personalised consultation with the primary oncologist

Personalised support

The centre helps individuals and their relatives access the most appropriate resources for their overall well-being. Depending on each person's circumstances and preferences, this support may be psychological, social, spiritual or religious.

It can also include tailored physical activities and nutritional advice.

The centre draws on programmes run by the hospital or selected partner associations.

Centralisation and transmission of information

The Lung Cancer Centre secretariat is responsible for the administrative management of the tumour boards. It sorts and organises the information and documents needed for case presentations and forwards them to the expert group. After each session, a report is sent to your referring physician for discussion.

Billing

Services provided by the Lung Cancer Centre are reimbursed by basic health insurance (LAMal) after deduction of the co-payment and deductible (10% of costs payable by the patient).

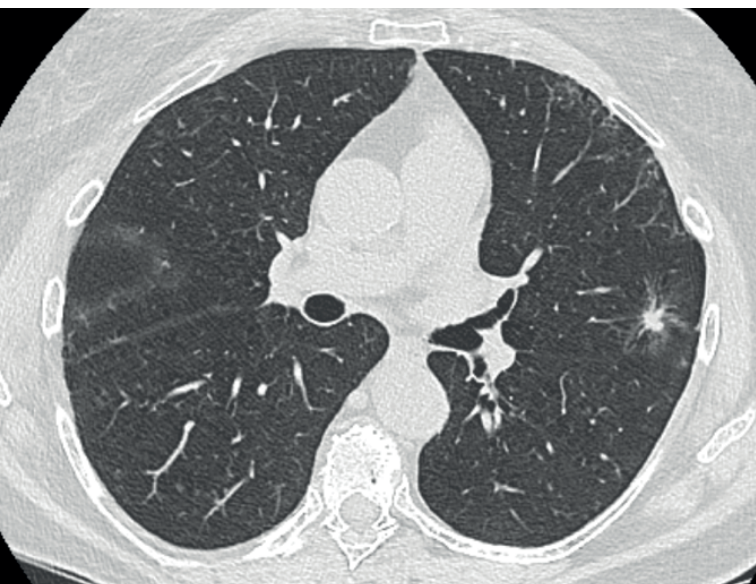
Cutting-edge **technologies**

The Lung Cancer Centre has access to cutting-edge technology. This equipment enables precise diagnoses and minimally invasive, targeted procedures with reduced adverse effects.

Reliable investigations

Precision imaging provides a clearer picture of the tumour and its extent. It mainly consists of chest scans, positron emission tomography (PET-CT) scans and magnetic resonance imaging (MRI).

Chest scan with millimetre sections





Lymph node biopsy using needle aspiration under EBUS guidance

A biopsy involves taking a sample of tissue from the lung or enlarged lymph nodes for analysis in a pathology laboratory in order to establish a diagnosis. HUG employs a variety of techniques, including:

- ▶ Transcutaneous biopsy under CT scan guidance
- ▶ Minimally invasive endobronchial biopsy using bronchoscopy and advanced interventional techniques, such as electromagnetic navigation (GPS) and endobronchial ultrasonography (EBUS)
- ▶ Surgical biopsy

Minimally invasive surgery

The centre employs **minimally invasive and robotic techniques**, also known as Video-Assisted Thoracoscopic Surgery (VATS). The surgeon performs the procedure by inserting instruments and a camera through small incisions. This technique leaves only minimal scarring, reduces post-operative pain, speeds up recovery of mobility and shortens hospitalisation time.

Tailored and personalised rehabilitation

The Enhanced Recovery After Surgery (ERAS) and oncology rehabilitation programmes aim to optimise patients' physical condition before, during and after surgical, oncological, or radio-oncological treatments. The objective is to reduce symptoms related to the disease or its treatments, and to support faster recovery. These programmes are systematically offered to patients cared for at the Lung Cancer Centre.

Precision radio-oncology

Millimetre-level targeting: The latest generation of equipment offers precision that preserves healthy tissue around the tumour.

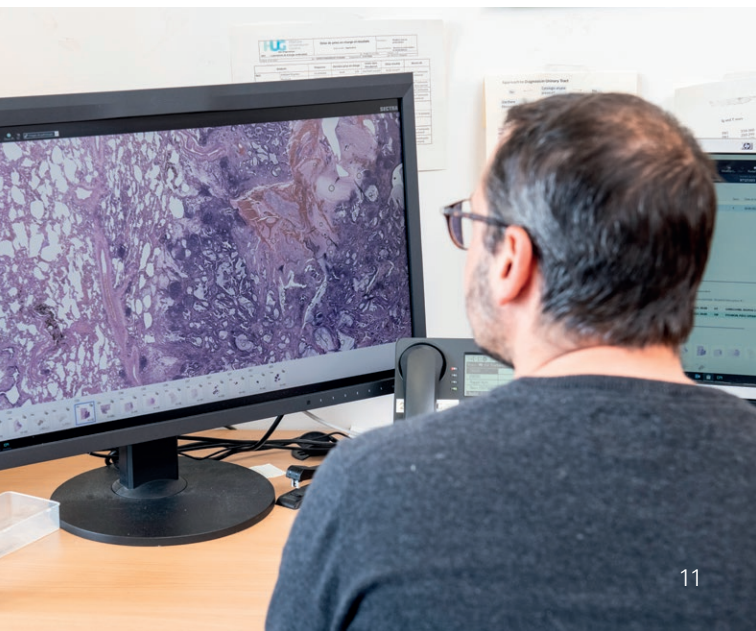
Automatic real-time adjustment: The devices adapt to the patient's breathing movements to target only the tumour without affecting healthy tissue.

Reduced radiation exposure: The latest linear accelerators improve the speed, precision and effectiveness of treatments, while reducing radiation outside the target area.

Predictive pathology

Predictive pathology determines in advance how a patient's tumour is likely to respond to specific therapies, helping identify the most effective treatment options. It is based on additional analyses – such as molecular pathology and immunohistochemistry – performed by the Clinical Pathology Service on tumour samples.

High-precision anatomical and pathological analysis



Contact and information

Contact

☎ 022 372 99 11

Every working day from 9 am to 11.30 am
and 2 pm to 4 pm

✉ CentreCancerPoumon@hug.ch

For more information

➔ www.hug.ch/en/cancer-center/lung-cancer-center



Lung Cancer Centre

Rue Gabrielle-Perret-Gentil 4
1205 Genève

Access

Bus 1, 5, 7 and 91,
"Hôpital" stop

Bus 3, "Claparède" stop
Léman Express,
"Genève-Champel" stop

Parking

H-Cluse and Lombard
car parks

