

Antoine Lacassagne

A CENTER OF EXCELLENCE IN THE FIGHT AGAINST CANCER



Antoine Lacassagne
CANCER COMPREHENSIVE CENTER

unicancer

NICE



«The Antoine Lacassagne Center, which brings together 850 committed and creative professionals, supports the excellence and therapeutic innovation that is the foreshadow of future medicine (immunotherapy, proton therapy, minimally invasive surgery, etc.).

Our institute treats all types of cancers with a register of more than 6,000 patients per year. As a reference institution, the Antoine Lacassagne Center combines the expertise of professionals and the specialisation of technical platforms. It offers quality treatment, promotes the transmission of knowledge and medical progress while affirming its values of humanism, excellence and openness.

Strongly centred on a quality approach, organisational innovation and adequacy of care, the Antoine Lacassagne Center also provides a healthcare solution for hospitals and clinics in the city of Nice, the department and the region.”

Prof. Emmanuel BARRANGER,
Director General

HUMANISM

The patient at the heart of our concerns. Our commitment to provide to our patients the highest quality of care, treating each patient uniquely with benevolence.

INNOVATION

Offer the most innovative treatments and constantly investing in research and development for new therapies.

EXCELLENCE

The requirement, strive for excellence in the welcoming of patients, the quality and safety of care, being involved in a continuous updating of our skills.

OPENNESS

Sharing, optimizing the overall treatment, personalized and coordinated of patients by the development of partnerships and experience sharing.





An expert center

ANTICIPATING TOMORROW'S ONCOLOGY

Founded in 1961, the Antoine Lacassagne Cancer Center is a Non Profit Private Health Establishment. As a Cancer Center, it fulfills care, research and teaching missions.

As a reference institute, the Antoine Lacassagne Cancer Center aims to beneficiate all patients, regardless of the social, geographical or generational background, of all the innovations that will revolutionize tomorrow's medicine.

Excess fees and private consultations are not practiced in the facility.



HAUTE AUTORITÉ DE SANTÉ

In 2016, for the fourth consecutive time, the Antoine Lacassagne Center is certified by the French High Authority of Health in category A, at the highest level of quality



HIGHLIGHTS

1961

OPENING OF THE DIAGNOSTIC AND TREATMENT CENTER

1991

INAUGURATION OF THE CYCLOTRON MEDICYC®

First low-energy protons accelerator in France, dedicated to ocular tumors. 6 500 patients have already been treated to date.

2011

CREATION OF THE UNIVERSITY INSTITUTE OF HEAD AND NECK (IUFC)

Health Cooperating group between the University Hospital of Nice and Antoine Lacassagne Center taking care of all patients with ear, nose and throat diseases.

2016

INAUGURATION OF THE MEDITERRANEAN INSTITUTE OF PROTON THERAPY

Proteus© One, the first new generation of high-energy proton therapy equipment to be installed in the world, enriches the Center's proton therapy to treat cancer in children and certain complex tumours in adults.

2017

CREATION OF THE UNIVERSITY INSTITUTE OF BREAST AND GYNECOLOGICAL ONCOLOGY (IUSCG)

Created in 2012 the Breast Clinic is now the IUSCG, a structure regrouping in a single space a modern technical platform and specialised professionals, including surgeons, radiologists, radiotherapists, oncologists, psychologists and supportive care.

KEY NUMBERS 2018

CAPACITY

197 beds and seats

ANNUAL OPERATING BUDGET

120 million euros

HUMAN RESOURCES

846 permanent employees

NUMBER OF PATIENTS :

6 230

57% female

43% male

Average age of 64 year

68 297

HOSPITAL STAYS

(59% radiotherapy - 36% medicine

- 5% surgery)

66 456

MEDICAL CONSULTATIONS

40 865

RADIATION SESSIONS

2 635

HOSPITALISATIONS WITH
SURGICAL INTERVENTION

18 107

CHEMOTHERAPY SESSIONS

82

AUTOLOGOUS HEMATOPOIETIC
STEM CELLS TRANSPLANTS

TECHNICAL PLATFORM

MEDICAL IMAGING - RADIOLOGY

- 1 Scanner
- 1 MRI
- 2 Mammography devices with tomosynthesis
- 1 Macrobiopsy system
- 2 Senology ultrasound machines
- 1 Remote-controlled radiology table (flat sensor)
- 1 Mobile ultrasound machine for IV infusion
- 2 Ultrasounds (including one with a cardiology option)
- 2 Mobile X-ray devices (wireless flat sensor and integrated reader)
- 1 Block amplifier (flat sensor)
- 1 Dental panning (flat sensor)

NUCLEAR MEDICINE

- 3 Gamma Cameras
- 4 iratherapy beds
- 1 numeric PET Camera

RADIOTHERAPY

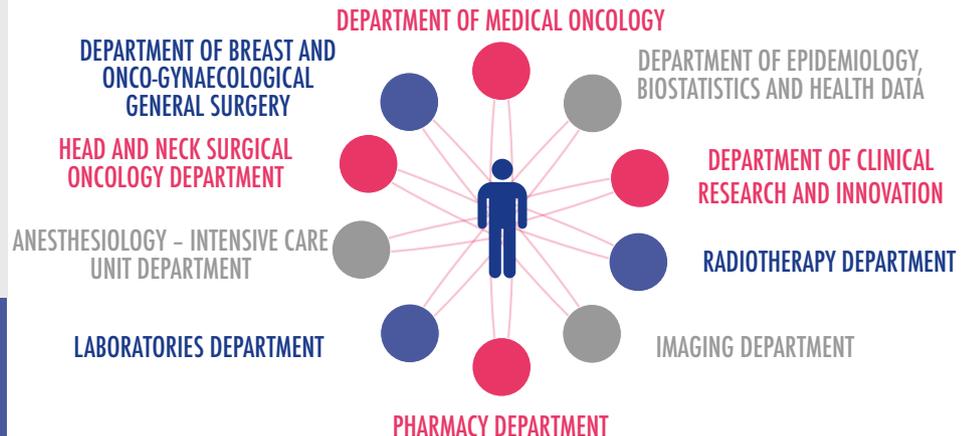
- 2 protontherapy accelerators (high energy and low energy)
- 1 stereotaxic radiotherapy device, the CyberKnife® system
- 2 linear accelerators
- Brachytherapy
- Contact radiotherapy, Papillon 50® and Papillon +
- 1 simulator scanner
- 2 tomotherapy accelerators

OPERATING ROOM

8 operating rooms, with 4 jointly with the University Hospital of Nice under the University Institute of the Face and Neck

DEPARTMENTS ORGANIZATION

FOR BETTER EFFICIENCY, THE ANTOINE LACASSAGNE CENTER HAS CHOSEN TO ORGANIZE ITS MEDICAL ACTIVITIES IN DEPARTMENTS AROUND THE PATIENT'S CARE.



A GLOBAL PERSONALIZED MANAGEMENT

FROM INITIAL SCREENING, THROUGH GENETIC ONCOLOGIC TESTING AND TO DIAGNOSIS, TREATMENT, SUPPORTIVE CARE AND PROFESSIONAL REINSERTION, ANTOINE LACASSAGNE CENTER FOLLOWS EVERY PATIENT WITH CANCER THROUGHOUT ITS COURSE, TO MAXIMIZE HE'S CHANCES OF RECOVERY.

AN ACTOR ENGAGED IN SCREENING

With early diagnosis, 90% of breast cancers, 90% of colorectal cancers and 80-90% of head and neck cancers are cured.

With a simple, fast and efficient exam; screening can identify a lesion before it develops into cancer or detect cancer at an early stage.

Antoine Lacassagne Center is an actor engaged in cancer screening. Each year in partnership with the APREMAS, Center for Coordination of Cancer Screening SOUTH Provence - Alpes - Côte d'Azur, it organises specific events aimed at raising public awareness as part of the national screening campaigns "Pink October" (breast cancer screening), "Blue Mars" (colorectal screening) and the European "Make Sense Campaign" (screening of ENT cancers).

Contact IUSCG : +33 (0)4 92 03 11 11

Contact IUFC : +33 (0)4 92 03 17 05 / 17 11

Standard : +33 (0)4 92 03 10 00



A REFERENCE INSTITUTION IN ONCOGENETICS

The Antoine Lacassagne Center is the only institution to offer a genetic oncology consultation in the Alpes Maritimes and the Var.

Medical research has shown that 5% of all cancers occur in people with an inherited predisposition. These tumors often develop before 50 years-old and involve several family members.

"The genetic oncology consultation allows the diagnosis of a hereditary predisposition for certain cancers and program suitable monitoring for people carrying these predispositions." explains Dr. Veronique MARI, head of the onco-genetics department.

The Antoine Lacassagne Center works in a network with other local health facilities. Patients can be received according to their choice and preference: at the Center, the Grasse hospital, at Cannes hospital, at the Azuréen Cancer Center in Mougins and, also in 2016, at Fréjus hospital.

Consultation d'oncogénétique
Contact : +33 (0)4 92 03 11 62





“Today, thanks to state-of-the-art imaging and biology, it is possible to prevent or detect disease earlier, to recognize and analyze the tumor to tailor treatment.”

EXPERIENCED DEPARTMENTS FOR SCREENING AND PREVENTION : A COMPLETE IMAGING DEPARTMENT

Antoine Lacassagne Center has a high performance technical platform in radiology and nuclear medicine with an expert team in the interpretation of these images: ultrasound, mammography with tomosynthesis, scanner, MRI, macrobiopsy system, dental panoramic, operating room amplifier, mobile devices, gamma cameras and PET camera. All diagnostic technologies are combined in one place.



DR GUILLAUME BAUDIN
HEAD OF IMAGING DEPARTMENT

Contact Radiology (Scanne/MRI) Tel : 04 92 03 11 79
Contact Nuclear Medicine (Scintigraphy) Tel: 04 92 03 11 46



OUR COMMITMENTS

THE PATIENT AT THE HEART OF OUR CONCERNS

OUR COMMITMENTS: LISTEN TO THE NEEDS OF OUR PATIENTS AND THOSE AROUND THEM AND OFFER AND ADAPT PERSONALIZED AND COORDINATED CARE THROUGHOUT THEIR JOURNEY.



A HUMAN AND PERSONALIZED RECEPTION

By placing each individual at the heart of its management, the Antoine Lacassagne Center's objective is to support the patient and to make every effort to reduce the impact of cancer on his personal life taking into account his experience and background: Tuition, professional, economic and social consequences ... All of these societal and environmental factors influence the development of the disease, the effectiveness of treatment and the risk of relapse.

RECENT BUILDINGS DESIGNED AND BUILT AROUND OUR MAJOR CONCERN:

PATIENTS' CARE

In 2011, the Antoine Lacassagne Center (CAL) and the Nice University Hospital united their forces to create the University Institute of Head & Neck (IUFC), innovative cooperative structure to deliver the best care for patients. The IUFC is installed in a new building of 8000 m² integrated in continuity with the Antoine Lacassagne Center. This building with spacious modern architecture has been designed to comfortably accommodate patients.

One year later, Antoine Lacassagne Center inaugurated the Breast Clinic, which became in 2017 **the University Institute of Breast and Gynaecological Oncology**, bringing together a modern technical platform and all specialised professionals in one place designed with modern cocooning architecture for personalised treatment.



ANNOUNCEMENT CONSULTATION

The announcement consultation provides time for discussion and explanation about the disease and treatments to provide appropriate progressively and respectfully information to the patient. The diagnosis announcement is provided by the referring physician about his illness and the treatment options.

The nurse announcement consultation provides additional information on the treatment protocol or rephrases what has not

been understood by the patient and / or family. Based on identified needs (social, psychological, nutritional ...), the patient or family are guided by the healthcare team to the DISSPO (Interdisciplinary Department of Support Care for Patients in Oncology). This nurse establishes a link with the nursing staff and the family physician.

MULTIDISCIPLINARY TEAMS AT THE PATIENTS' SERVICE

Each patient, at the beginning of its management and at any important step in the evolution of his disease, sees his case discussed Multidisciplinary Consultative Meeting.

At the Antoine Lacassagne Center, nearly a dozen RCP are organized every week. They bring together different health professionals: oncologists, surgeons, radiologists, radiotherapists, pathologists... whose skills are needed to offer each patient the best therapeutic strategy based on current knowledge.

The Personalized Care Program is established at the multidisciplinary staff meeting. It formalizes the patient's therapeutic management proposal: it contains the dates of the different treatments, their duration, and the contact details of the various members of the care team, non-profit organizations the patient can contact.



PR OLIVIER DASSONVILLE
HEAD OF HEAD AND NECK
ONCOLOGIC SURGERY DEPARTMENT

“The multidisciplinary consultative meetings aim to share knowledge between different professionals and to the emergence of a collective treatment proposition for each patient in order to achieve optimum efficacy.”



INFORMATION AND MEETING SPACE (ESPACE RENCONTRES ET INFORMATION, ERI®)

Inaugurated in 2018 in partnership with the Alpes-Maritimes Committee of the League Against Cancer and Sanofi, the ERI® is a space for meetings and discussions. A patient support officer can meet visitors in a neutral space, outside the care services, and where they can discuss openly in a friendly environment, in complete confidentiality. The visitor can discuss the issues that concern him/her and the general questions that the disease raises. The patient support officer can direct visitors to competent professionals and patient support associations.

The Antoine Lacassagne Center's ERI® currently has the only ERI® in Alpes-Maritimes.

Contact ERI® :
+33 (0)4 92 03 14 61

THERAPEUTIC PATIENT EDUCATION AT THE ANTOINE LACASSAGNE CENTER OR HOW TO TEACH THE PATIENT TO BE AN ACTOR OF HIS DISEASE AND ITS TREATMENT

Therapeutic patient education aims to help maintain and improve quality of life.

The Antoine Lacassagne Center has implemented this programme since June 2015. It is open to all patients to promote adherence to treatment and prevent complications. The programme is offered to patients by a physician or a caregiver from the Center or another institution that does not have a therapeutic education programme, and also by their general practitioner.

SHORT DELAYS

TO MAXIMIZE THE CHANCES OF REMISSION

REDUCING DELAYS IN OUT-PATIENT WARDS

With the introduction of two innovative programs, «Chemo Program» and «Quick Chemo», the Medical Oncology Department optimizes the management of its day-hospital (i.e. out-patients) patients while ensuring high medical care. D Day-2 before chemotherapy, the patient performs his bloodwork and the patient's referring nurse contacts him in order to evaluate his overall status.

Day D-1, the doctor examines the patient's file and prescribes the chemotherapy protocol, which can be prepared in advance.

D-Day, on arrival at a predefined time and duration corresponding to their chemotherapy, the patient is received

and installed, its vital parameters are checked and chemotherapy can be administered to him without delay ...

ONE-DAY BREAST "SENODAY"

For any patient referred by her physician for a breast radiological abnormality, we provide a "one day" diagnosis, with cytology results provided by the end of the day and sent by mail to the family physician.

For any patient with already histologically proven breast cancer, we provide a «one day» presurgical assessment including further radiological investigation and the various consultations necessary for the surgery realization.

SUPPORTIVE CARE:

A DEPARTMENT OF INTERDISCIPLINARY SUPPORT FOR PATIENT CARE IN ONCOLOGY (DISSPO)

Therapeutic management is accompanied by supportive care adapted to the well-being of each patient: psychological, social aids, diet, pain management, relaxation therapy, socio-aesthetic, palliative care, medical tattoos, alcohol or tobacco withdrawal dedicated consultations.

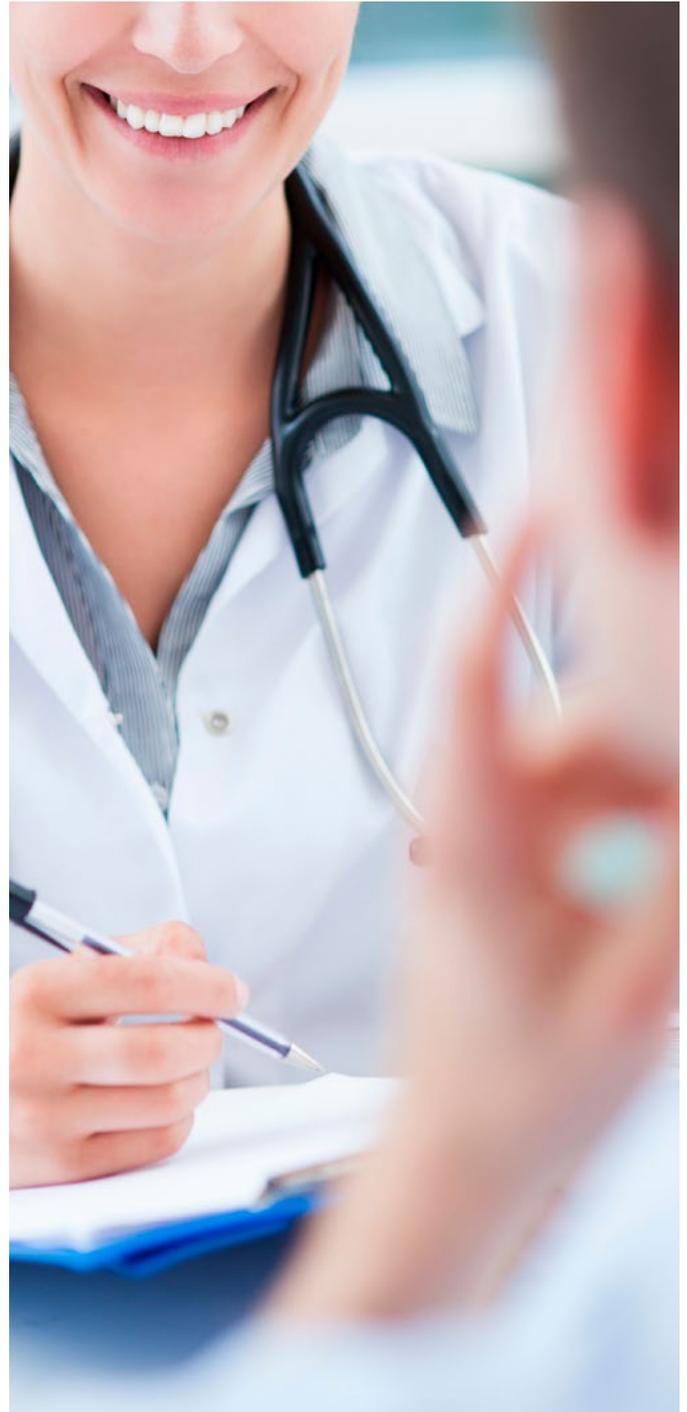
Supportive cares are presented systematically by the announcement nurse. They are available throughout the disease history. They are accessible to any patient, DISSPO's front desk being next to the main reception and the cafeteria.

Contact DISSPO : +33 (0)4 92 03 15 46

SUPPORTIVE CARE - DAY HOSPITAL

A day hospital for supportive care was created in 2014 allowing to multidisciplinary care for patients during one day to assess complex situations most often in a palliative context for modification of symptomatic treatments (eg analgesic), to organize home aids in connection with the patients' caregiver. This also prevents a sense of abandonment particularly when specific treatments are not indicated: appropriate care is still provided

HDJ DISSPO contact: +33 (0)4 92 03 12 13





THE IMPORTANCE OF CONTINUITY AND COORDINATION OF CARE AFTER THE TREATMENT

We give special attention to good coordination between the Center and the city public and private healthgivers. The management of each patient at its discharge, ensures a continuous and optimal management. Therefore, it is important to facilitate links between the Center and other health facilities.



STRUCTURING RELATIONSHIPS WITH AFTER-CARE AND REHABILITATIONS FACILITIES

After hospitalization in oncology, returning home for patients with a loss of autonomy is not always possible. Antoine Lacassagne Center is a partner of several centers of after-care and rehabilitation to allow the patient to continue quality care. A collaborative partnership has been established between the Center and each facility, in the form of joint training and conventions including specifications.

AFTER CANCER PROGRAM

Nurse consultations at the end of treatment are proposed to patients to help them deal with this period of life after cancer. Topics such as the resumption of professional activity, the psychological impact are discussed according to the need of every person. Associations offering individual and group activities and various supportive care are presented.





ACCESS TO THERAPEUTIC INNOVATION

ONCOLOGY IS CHANGING. TREATING CANCER BASED ON ITS MOLECULAR PROFILE : THIS IS THE GOAL OF PERSONALIZED MEDICINE IN ONCOLOGY.

Since the arrival of the first targeted therapies that can specifically destroy tumor cells with a specific molecular profile, the idea is to analyze each patient's tumor to see if it qualifies for one of these treatments or he should benefit from conventional chemotherapy.

The aim of personalized medicine is to improve treatment performance, avoiding unnecessary treatments and improve the quality of life of patients.

Today, the Antoine Lacassagne Center, uses new molecular and diagnostic technologies that can detect the genetic profile and biomarkers of each tumor as to offer each patient the targeted treatment likely to bring him the best results.

It is "tailor made" for each patient, for a greater efficacy and a better quality of life.

"Proteus One, first new generation high-energy proton therapy equipment to be installed in the world, is a promising technique in radiotherapy: it allows a simpler treatment plan, more precise, with a dose distribution marrying the irradiated tumor form".



PR JEAN-MICHEL HANNOUN-LEVI,
HEAD OF RADIOTHERAPY DEPARTMENT

THE ANTOINE LACASSAGNE CENTER, AT THE CORE OF THE THERAPEUTIC REVOLUTION IN ONCOLOGY

PRECISION MEDICINE IS NOW ESSENTIAL

Based on the expertise of the PACA-East cancer molecular genetics platform teams, the Antoine Lacassagne Center participates in the Transversal Meeting of Molecular Biology, offering patients tumour analysis (high-throughput sequencing, pan-genomic analysis by SNP-array, etc.) to identify mutations or other molecular abnormalities responsible for the development of cancer. This tumour «identity card» allows physicians to adjust the therapeutic decision and / or refer patients to clinical trials using treatments specifically targeting the detected abnormality.

IMMUNOTHERAPY, AN IMPORTANT RESEARCH AVENUE

At a time when personalised medicine targets the tumour to better destroy it, immunotherapy opens the door to a new model: relearn the patient's immune system to effectively defend against tumour cells. Immunotherapy is a real breakthrough for many cancers.

Very promising avenues for treatment are opening up and the Antoine Lacassagne Center is embarking on this line of research. Many therapeutic trials of immunotherapy or other innovative therapies are underway in most types of cancer. Research teams are also working to identify biological factors that best predict the tumour response to a given treatment. Genetic biomarkers, polymorphisms, are particularly studied in the response to immunotherapy.

“Access to state-of-the-art techniques (in surgery, radiotherapy, imaging and supportive care) and to the most innovative medical treatments is a major challenge for the Center, allowing patients to receive the best possible care.”



PROF. JEAN-MARC FERRERO,
HEAD OF THE DEPARTMENT OF MEDICAL ONCOLOGY



DEPARTMENT OF CLINICAL RESEARCH AND INNOVATION

HEAD OF DEPARTMENT:

Dr Delphine BORCHIELLINI

DELEGATION TO CLINICAL RESEARCH AND INNOVATION

ISO 9001 V2015 CERTIFICATION

Director : Christine LOVERA
*An operational management unit
for clinical trials*

*Two treatment units for patients
in clinical trials*

CLINICAL RESEARCH CENTER

DGOS certification since 2011

Medical Director:

Dr Delphine BORCHIELLINI

EARLY PHASE UNIT:

Medical Directors:

Prof. Joël GUIGAY

Dr Esma SAADA-BOUZID

TRANSVERSE MEETING OF MOLECULAR BIOLOGY PACA-EAST

Responsables Médicaux :

Prof. Joël GUIGAY

Dr Esma SAADA-BOUZID

*For easy access
to precision medicine*

BIOLOGICAL RESOURCES CENTER - TUMOUR BANK

AFNOR certification

Medical Director:

Dr Anne SUDAKA

*For the management of tumour samples
and research development*

THE ANTOINE LACASSAGNE CENTER, A REFERENCE CENTER FOR ONCOLOGY RESEARCH

Improving cancer treatments requires clinical trials. They are essential for evaluating the efficacy and safety of new molecules or other therapeutic protocols.

The Antoine Lacassagne Center focuses on Clinical Research for its strategic positioning.

The 2018 tests in a few figures:

- 368 trials open to inclusion or active follow-up managed by the teams of the Delegation for Clinical Research and Innovation
- 846 patients included in 197 open-label clinical trials, including 461 new patients in interventional trials (Categories 1 and 2 of the Jardé Act) and 124 patients in trials sponsored by the Center.

TWO TREATMENT UNITS DEDICATED TO PATIENTS IN CLINICAL TRIALS

The Clinical Research Center (where the Phase III trials are conducted) and the Early Phase Unit (where the Phase I and II trials are conducted) are functional hospitalisation units with dedicated and trained staff for the optimised management of patients in therapeutic trials by ensuring expertise and maximum safety. .

BIOLOGICAL RESOURCES CENTER A PLATFORM FOR MANAGING BIOLOGICAL SAMPLES FOR RESEARCH:

- Develop unifying research themes to enhance the feasibility and readability of the Center's research.
- Establish scientific collaborations to advance academic and / or industrial research locally, regionally, nationally and globally.



*«Through close collaboration between
clinical researchers and clinicians,
patients can benefit from the most
innovative treatments.»*

DR DELPHINE BORCHIELLINI
HEAD OF THE DEPARTMENT OF CLINICAL
RESEARCH AND INNOVATION

A DEPARTMENT OF LABORATORIES AT THE FOREFRONT OF INNOVATION

DEPARTMENT OF LABORATORIES

ANATOMOCYTOPATHOLOGY

Head: Dr Isabelle BIRTWISLE-PEYROTTE

Dr Julien BOYER

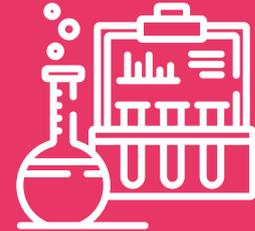
Dr Juliette HAUDEBOURG

Dr Anne SUDAKA

ONCOPHARMACOLOGY

Head: Dr Gérard MILANO

Marie-Christine ETIENNE GRIMALDI



ANATOMY AND PATHOLOGICAL CYTOLOGY LABORATORY

The Anatomy and Pathological Cytology Laboratory of the Antoine Lacassagne Center aims to diagnose lesions and specify their characteristics.

This speciality is defined as the central link in the management of cancer pathology. It allows appropriate management of the disease by specifying the different tumour subtypes, the extension of the disease, histopronotic factors and the quality of excision during surgery.

The disciplines managed at the Center are low-level mammary and gynaecological pathology, ENT, salivary gland and thyroid, non-melanotic malignant skin tumours, haematology and soft tissue tumours, as well as the molecular management of «routine» cancers of the colon and lung.

In addition, pathologists collaborate closely with the Biological Resources Center of the Department of Clinical Research and Innovation.

The laboratory can establish collaborations and / or academic or industrial scientific contracts as part of research projects.

SINCE 2015, THE DEPARTMENT OF
LABORATORIES IS ACCREDITED
COFRAC, WHICH STRESSES THE
HIGH LEVEL OF CONTROL OF
QUALITY PROCESSES AND ALLOWS
MANY SCIENTIFIC AND INDUSTRIAL
COLLABORATIONS.

ONCOPHARMACOLOGY LABORATORY

Member of the Hospital Platform of Molecular Genetics of PACA-East Cancers, the Oncopharmacology Laboratory carries out an activity based on the personalisation of cancer care to target the treatment according to the characteristics of the tumour or the intrinsic characteristics of the patient. The goal is to adapt the treatment to each patient. The laboratory has both a hospital activity and a translational research activity.



TRANSLATIONAL RESEARCH:
FROM THE MOLECULE TO THE PATIENT «FROM LAB TO BED»

Translational research is the bridge between basic and clinical research. It ensures the transfer of the latest knowledge from basic research to the patients.



PLASMA MUTATION GENOTYPING
(DNA ANALYSIS OF LIQUID TUMOR BIOPSY)

For fifteen years, new molecules, called «targeted therapies» have been developed to treat tumors with well-defined molecular characteristics. These molecules are thus capable of targeting a mechanism or a protein involved in the tumor's development; it is not the location of the tumor, but the presence of a particular anomaly that will guide the therapeutic prescription.

To detect this anomaly, a tumor analysis, from a tumor biopsy, is necessary.

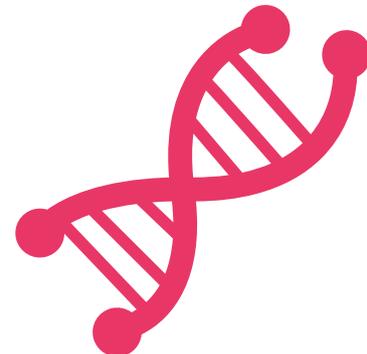
These analyzes of tumor material may be difficult to achieve, as in lung cancer for example. Alternative approaches have recently been developed today to achieve these mutations research from a simple blood test: the concept of «liquid biopsy».



GENOTYPING BROADBAND

Almost all of the sequence of human DNA is known: it is a sequence of 3 billion chemical letters, called nucleotides, which are symbolized by the letters A, G, T and C. This sequence is identical to 99.9% of one individual to another. Of the remaining 0.1%, SNPs (Single Nucleotide Polymorphisms) – isolated nucleotides (letters) - vary from one to another and allow to characterize human genetic diversity.

High-throughput genotyping can analyze thousands of already known SNPs from a DNA fragment taken by simple blood sample from the patient. The SNP analysis can predict an individual's response to a drug, to avoid an intolerance and prepare a suitable treatment for each individual.



EDUCATION, EXPERTISE FIELD OF THE CENTER ANTOINE LACASSAGNE

ACADEMIC MISSION OF THE ANTOINE LACASSAGNE CENTER

Practitioners and university teachers involved in teaching at the Faculty of Medicine of Nice: 1st cycle, 2nd cycle, hospital internships, 3rd cycle, residents and medical students.

The Center's specialist physicians organize and ensure the responsibility for many University and Inter-University Diplomas. Medical personnel and medical staff provide educational and training to specialization residents and general practitioners by organizing and participating in many conferences and seminars.



TEACHING PRACTICIONERS OF THE ANTOINE LACASSAGNE CENTER

SURGERY

Pr Emmanuel BARRANGER
Pr Alexandre Bozec

NUCLEAR MEDICINE

Pr Jacques DARCOURT
Dr Olivier HUMBERT

MEDICAL ONCOLOGY

Pr Jean-Marc FERRERO
One clinic Director

RADIATION ONCOLOGY

Pr Jean-Michel HANNOUN-LEVI
Dr Jérôme DOYEN
One clinic Director



“The transmission and sharing of knowledge, training for careers in cancer research are deeply embedded in the culture of the Antoine Lacassagne center.”

Pr ALEXANDRE BOZEC,
HEAD OF THE COORDINATION COMMITTEE AND SCIENTIFIC ACTIVITY

DEPARTMENT OF MEDICAL ONCOLOGY

HEAD OF DEPARTMENT: Prof. JEAN-MARC FERRERO

The Department of Medical Oncology has all the resources needed for each stage of comprehensive care:

- Medical consultations
 - The best performing diagnostic tools (digital imaging, ultrasound, mammography, bone-scan, CT scan, PET scan, MRI ...)
 - Hospitalisation ward day-care hospitalization in Medical Oncology
 - Access to clinical research, with the aim to enhance treatments while reducing their side effects.
- It is therefore based on a broader care and advanced technical facilities, complemented by an extensive network built with health facilities and local health professionals, either upstream or downstream of the care provided by the Antoine Lacassagne Center.

CAPACITY

- Oncology ward : 63 beds
- Week ward: 12 beds
- Day-care ward : 42 beds
- Supportive day-care ward : 4 beds
- Iratherapy : 4 beds
- Hematologic intensive care : 10 beds

THE DEPARTMENT OF MEDICAL ONCOLOGY TREATS ALL CANCER TYPES :

DIGESTIVE ONCOLOGY

Coordinator:
Dr Eric FRANÇOIS

GYNECOLOGIC ONCOLOGY

Coordinator:
Dr Philippe FOLLANA

BREAST ONCOLOGY

Coordinator:
Pr Jean-Marc FERRERO

UROLOGIC ONCOLOGY

Coordinator:
Pr Jean-Marc FERRERO

HEMATOLOGIC ONCOLOGY

Coordinator:
Pr Frédéric PEYRADE

SARCOMAS

Coordinator:
Dr Esmâ SAADA

PULMONARY ONCOLOGY

Coordinator:
Dr Michel POUDEX

ENT- RARE TUMORS

Coordinators:
Pr Joël GUIGAY
Pr Frédéric PEYRADE

GERIATRIC ONCOLOGY

Coordinator:
Dr Éric FRANÇOIS

SKIN TUMORS

Coordinator:
Dr Damien GIACCHERO

NEURO-ONCOLOGY

Coordinator:
Dr Esmâ SAADA-BOUZID

ONCO-GENETICS

Coordinator:
Dr Véronique MARI

MEDICAL ONCOLOGIST

Dr Caroline BAILLEUX
Dr Delphine BORCHIPELLINI
Dr Anne BOSCAGLI
Dr Anne CREISSON
Dr Agnès DUCOULOMBIER
Dr Ludovic EVESQUE
Dr Philippe FOLLANA
Pr Jean-Marc FERRERO
Dr Eric FRANÇOIS
Dr Lauris GASTAUD
Pr Joël GUIGAY
Dr Christophe HEBERT
Dr Thibault LE BOURGEOIS
Dr Véronique MARI
Dr Nicolas MARTIN
Dr Josiane OTTO
Pr Frédéric PEYRADE
Dr Michel POUDEX
Dr Esmâ SAADA-BOUZID
Dr Inga SAFTA
Pr Magalie TARDY
Pr Antoine THYSS

GENERAL PRACTITIONERS

Dr Nadia INNOCENTI
Dr Laurence MELIGA

Contacts – Department's Secretary's

+33 (0)4 03 11 12

e.mail : marion.meunier@nice.unicancer.fr



THE MEDICAL TEAM

**EVALUATION
AND TREATMENT OF PAIN**
Dr Catherine CIAIS
Dr Anne FOGLIARINI
Dr Elise GILBERT

NUTRITION
Dr Christophe HEBERT
Dr Joseph SICURANI
PSYCHIATRY
Dr Faredj CHERIKH

DISSPO DEPARTMENT OF INTERDISCIPLINARY SUPPORTIVE CARE FOR ONCOLOGY PATIENTS

HEAD OF DEPARTMENT: Dr CATHERINE CIAIS

EXCELLENCE ACTIVITIES

A MULTI-DISCIPLINARY TEAM at the patient's service throughout its therapeutic path:

- **Fight against pain:** assess and treat chronic and rebel pain states, conduct an institutional policy against pain.
- **Nutrition:** assess and support the nutritional needs of patients to optimize treatment
- **Announcement nurses:** consider the difficulties expressed during the diagnosis. Inform about the exams and treatments. Coordinate and monitor the personalized care program.
- **Social Services:** provide access to care for all patients. Provide social insurance as well as rehabilitation at all stages of the disease. Organize after-care immediately with the institutions concerned
- **Psychological support:** provide support by taking into account the psychological components, behavioral, social and family issues related to the disease.
- **Physiotherapy:** improve and optimize functional rehabilitation
- **Relaxation therapy:** Propose different methods of relaxation, breathing, massage to reduce the states of stress and anxiety

- **Socio-aesthetics:** revalue body image and self-esteem by aesthetic care and appropriate advice
- **Medical Dermography:** tattoos correction of cosmetic side effects of treatment (eyebrows, nipple areola, ...)
- **Palliative Care:** promoting better quality of life by customized comfort care
- **Onco-Sexology:** offers a follow-up for any questions or distress with respect to emotions, relationships and sexuality.
- **Meeting and Information Space (ERI):** offers a neutral meeting place for discussions and information.
- **HDJ DISSPO:** welcome a given day in interdisciplinary patient in complex situations. Make the connection with the external caregivers
- **Supportive care meeting:** presenting around a team any new project or activity for supportive care. Presence of city partners and exchanges around the patient with all caregivers.

Contact - Secretary's office :
+33 (0)4 92 03 15 46
e.mail : christine.rivat@nice.unicancer.fr



DEPARTMENT OF BREAST AND ONCO-GYNAECOLOGICAL GENERAL SURGERY

HEAD OF DEPARTMENT: DR YANN DELPECH

LES ACTIVITÉS D'EXCELLENCE

The Center offers a comprehensive and personalized care, with short delays at every step (diagnostic, curative and palliative), from oncogenetics analysis, through treatment and supportive care.

The Center covers a wide range of interventions:

• Breast & Reconstructive Surgery

- Simple Lumpectomy
- Lumpectomy with sentinel lymph node and / or identification with the Harpoon or ROLL technique
- Lumpectomy with axillary dissection
- Simple Mastectomy
- Mastectomy with sentinel lymph node and / or identification with the Harpoon or ROLL technique
- Mastectomy with axillary dissection
- Immediate or delayed reconstruction by different techniques
- Latissimus dorsi flap
- DIEP Flap reconstruction (Deep Inferior Epigastric Perforator)
- Nipple

• Pelvic Surgery

- Par voie coelioscopique (utérus, endomètre, ovaire, vulve)
- Hystérectomie, annexectomie, omentectomie, curage pelvien lomboaortique...

• Soft tissue sarcomas surgery

• Outpatient surgery at day-hospital

- Scar revision
- Reconstruction of nipple with skin graft
- Skin tumor
- Puncture
- Hysteroscopy
- Lumpectomy + sentinel lymph node
- Lumpectomy with tracked locating
- Axillary lymph node dissection
- Lymphedema surgery
- Fibroadenoma
- Lipofilling
- Conization
- Implantable venous access device
- Endoscopy
- Diagnostic and operative laparoscopy (oophorectomy)

THE MEDICAL TEAM

ONCO-GYNAECOLOGICAL

Pr Emmanuel BARRANGER
Dr Fanny ALAZET
Dr Yann DELPECH
Dr Yves FOUCHÉ
Dr Constance CAVROT

SENOLOGY

Pr Emmanuel BARRANGER
Dr Fanny ALAZET
Dr Magali DEJODE
Dr Yann DELPECH
Dr Yves FOUCHÉ
Dr Jean-Christophe MACHIAVELLO
Dr Constance CAVROT

SARCOMA SURGERY

Dr Yves FOUCHÉ
Dr Jean-Christophe MACHIAVELLO

PLASTIC AND RECONSTRUCTIVE SURGERY Dr

Magali DEJODE
Dr Andrea FIGL

Contact – Secretary's office:

+33 (0)4 92 03 14 37

e.mail : sandrine.charbon@nice.unicancer.fr



HEAD & NECK ONCOLOGIC SURGERY DEPARTMENT

HEAD OF POLE: Dr OLIVIER DASSONVILLE

The Head & Neck Oncologic Surgery Department of the Antoine Lacassagne Center is a department of excellence and innovation located in the University Institute of the Face and Neck.

Integrated in the new IUFC structure which regroups in the same building the ENT teams of the Nice University Hospital and the Antoine Lacassagne Center, the Head & Neck Oncologic Surgery pole is a leading teaching hospital reference.

The team of the Head & Neck Oncologic Surgery Department is specialized in reconstructive surgery of the head and neck in the oncological context, it is the regional reference center and is among the few ten French experts institutions.

THE MEDICAL TEAM OF THE HEAD & NECK ONCOLOGIC SURGERY DEPARTMENT

Pr Alexandre BOZEC
Dr Dorian CULIÉ
Dr Olivier DASSONVILLE
Dr Gilles POISSONNET
OCULO-PLASTIC SURGERY
Dr Denis FLORES

EXCELLENCE ACTIVITIES

- Head and neck cancers Surgery (Mouth, pharynx, larynx and neck)
- Thyroid and parathyroid glands surgery
- Parotid Surgery
- Skin tumors surgery
- Reconstructive surgery of the head and neck
- Orbital & Palpebral surgery
- Palpebral and Orbital tumors surgical management
- Reconstructive and functional palpebral and eye lid surgery
- Oncologic and reconstructive skin tumors surgery
- Voice rehabilitation after laryngectomy
- Salivary glands surgery

Contact - Secretary's office :
+33 (0)4 92 03 17 62
e.mail : sylvie.delcour@nice.unicancer.fr
www.iufc.fr



ANESTHESIOLOGY – INTENSIVE CARE UNIT DEPARTMENT

HEAD OF DEPARTMENT: Dr PIERRE-HENRI KOULMANN

LEADING ACTIVITIES

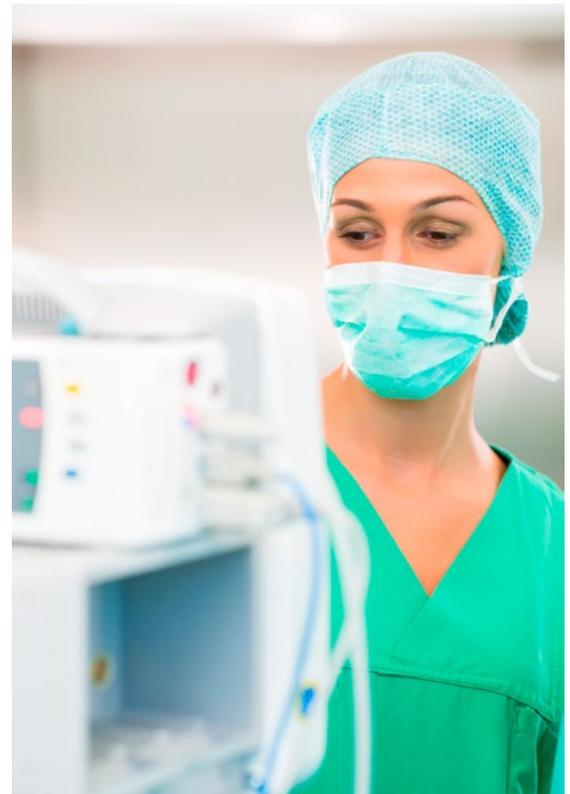
The anesthesiology pole is expert on :

- General anesthesia for patients with gynecological cancer
- General anesthesia for patients with head and neck cancer, notably those requiring reconstructions with free flap or pedicle.
- Post-operative follow-up of DIEP surgery, laparotomy and resection surgery with reconstruction of the ENT sphere within Intensive Care Unit.

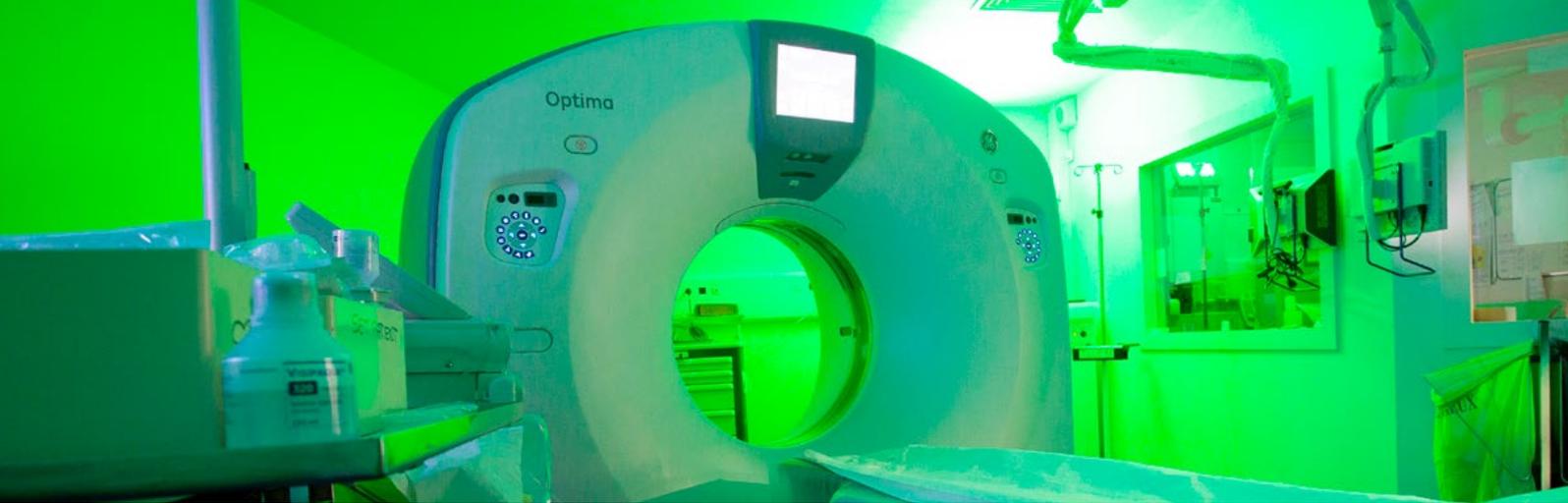
THE DEPARTMENT OF ANAESTHESIA-RESUSCITATION'S MEDICAL TEAM

Dr Thomas BERNELIN
Dr Daniela BOTEZATU
Dr Lucas CHEMALY
Dr Fabio FERRARI
Dr Raphaël HECHEMA

Dr Pierre-Henri KOULMANN
Dr Nathalie FRAYSSINET
Dr Lucas OPITZ
Dr Carmen POPOVICI
Dr Jacqueline VERVOITE



Contact: Department's office:
+33 (0)4 92 03 13 42
e-mail : catherine.oustric@nice.unicancer.fr



IMAGING DEPARTMENT

HEAD OF DEPARTMENT: **Dr GUILLAUME BAUDIN**

THE IMAGING DEPARTMENT COMPRISES OF
THE RADIOLOGY AND NUCLEAR MEDICINE DEPARTMENTS

EXCELLENCE ACTIVITIES

- Nuclear Medicine:
 - Bone Scan
 - Thyroid scintigraphy
 - Myocardic scintigraphy
 - Lung scintigraphy
 - Iratherapy
 - Neurologic scintigraphy
 - Numeric PET camera

NUCLEAR MEDECINE

Responsible : Pr Jacques DARCOURT
 Dr Danielle BENISVY BELHASSEN
 Dr Olivier HUMBERT
 Dr Matthieu John OUVRIER
 Dr Marie PAQUET
 Dr Aurélie SCHIAZZA
 Dr Colette ZWARTHOED

Nuclear Medicine contact:
 +33 (0)4 92 03 11 46

RADIOLOGY

Responsible : Dr Guillaume BAUDIN
 Dr Claire CHAPELLIER
 Dr Laura ELKIND
 Dr Céline GHEZ
 Dr Antoine IANNESSI
 Dr Julie SANGLIER LEMOEL
 Dr Alix VALFORT
 Dr Manuelle VOLONDAT

- Radiology:
 - CT-scan
 - Ultrasound
 - Conventional Radiography
 - Magnetic Resonance Imaging (MRI)
 - Mammography
 - Screening mammography
 - Puncture-biopsy with ultrasound guidance (senology)
 - Macrobiopsy (senology)
 - Breast markers implantation (Senology)
 - Interventional radiology : Implantable venous chamber, central venous catheter, hepatic puncture-biopsy and biopsy, bone biopsy, gastrostomy management, cementoplasty

Radiology Contact:
 +33 (0)4 92 03 11 79



RADIOTHERAPY DEPARTMENT

HEAD OF DEPARTMENT : Pr JEAN-MICHEL HANNOUN-LEVI

The Antoine Lacassagne Center is the only health facility in France to propose all available radiotherapies techniques, from 50 kV (contact radiotherapy) to brachytherapy, stereotactic radiotherapy (skull and other localizations, robotized (Cyberknife), helical tomotherapy, intensity modulated radiation therapy (IMRT), image-guided radiation therapy (IGRT) with volumetric modulated arc therapy.

The activities of the pole are distributed on the East site (building B) and the West site (Mediterranean Institute of ProtonTherapy-Cyberknife).

LEADING ACTIVITIES

Besides classical care for most of localizations :

- Breast
- Gynecology
- Upper aerodigestive tract
- Lungs
- Digestive
- Urology
- Skin
- Bone
- Soft tissues
- Hematology
- Ophthalmic
- Central Nervous System

The platform :

- One High Energy Proton accelerator (Proteus One®)
- One Low Energy Proton accelerator (Medicyc)
- Two Tomotherapy (Tomotherapy®)
- Two linear high energy accelerators
- One radiosurgery system (Cyberknife®)
- One brachytherapy projector
- Two contact Therapy (Papillon 50® and Papillon +)

THE DEPARTMENT OF RADIOTHERAPY 'S MEDICAL TEAM

RADIOTHERAPISTS ONCOLOGISTS

Chef de Département :
Pr Jean-Michel HANNOUN-LEVI
Dr Déborah ALOI
Dr Karen BENEZERY
Dr Pierre-Yves BONDIAU
Dr Marie-Eve CHAND FOUCHÉ
Dr Audrey CLAREN-MERCATI
Dr Jérôme DOYEN
Dr Alexander FALK
Pr Jean-Pierre GÉRARD
Dr Daniel LAM CHAM KEE
Dr Romain NATALE
Dr Shakeel SUMODHEE

MEDICAL PHYSICISTS

Responsable :
Joël HERAULT
Gaëlle ANGELLIER
Laure BURGAUD
Claudine COLNARD
Catherine DEJEAN
Julien FEUILLADE
Mathieu GAUTIER
Anaïs GERARD
Baptiste LHOMEL
Aurelia MANA
Daniel MANEVAL
Maëva VANGVICHITH
Marie VIDAL

GENERAL PRACTITIONERS

Dr Joseph SICURANI

Department of Radiotherapy Secretariat:
+33 (0)4 92 03 16 23
e.mail : marine.cottret@nice.unicancer.fr



MEDITERRANEAN INSTITUTE OF PROTON THERAPY (IMPT)

RADIOTHERAPY DEPARTMENT

The Mediterranean Institute of ProtonTherapy is located at the 227 Avenue de la Lanterne, in Nice.

High Energy Protontherapy (235 MeV) : Proteus One®

Protontherapy is an innovative radiotherapy technique which allows to treat tumors more precisely.

The Proteus One of the Antoine Lacassagne Center is the first new generation high energy protontherapy equipment installed worldwide (2016). Its maximum energy of 230 MeV allows treatment of deep body tumors (up to 32 cm of depth). It has the latest technologies, including Pencil Beam Scanning, which controls the dose delivered at each point of the tumor and health tissues, leading to a high precision in the dose delivery of the target volume.

Adults key indications : Sarcomas and chordomas of the skull base, pre-spinal tumors, certain types of pelvic and cerebral tumors, ophthalmic tumors. Tomorrow : pelvic, head & neck, lung tumors.

Pediatric key indications : All pediatric tumors.

«La Consolata», patient accommodation structure

The Antoine Lacassagne Center has his own hosting structure "La Consolata" that can house patients and their accompanying persons coming from anywhere in the world. Patients benefit from a global personalized care where all stages are organized: transport, housing, healthcare planning, relations with the physician, translation services... La Consolata is located on the highs of Nice, couple minutes away from the Mediterranean Institute of Protontherapy, in a soothing and resting environment, with a panoramic view on the bay of Angels.

Contact : +33 (0)4 93 83 78 12 | e.mail : consolata@nice.unicancer.fr

Low energy protontherapy (65 MeV) : Medicyc®

Medicyc, first protontherapy cyclotron in France, has been operational at the Antoine Lacassagne Center since the 17th of June 1991, historic date of the first treatment of protontherapy in France. It has to this day treated more than 6000 ophthalmic tumors..

Cyberknife®

The Cyberknife® is currently the only radiosurgery that uses intelligent robotics to treat tumors throughout the body. In 2016, last generation accelerator was installed at the Center.

Mediterranean Institute of Protontherapy: +33 (0)4 92 03 10 73

e.mail : protontherapie@nice.unicancer.fr

laurence.milan@nice.unicancer.fr

www.protontherapie.fr

Cyberknife : +33 (0)4 92 03 16 51

brigitte.granier@nice.unicancer.fr





PHARMACY DEPARTMENT

HEAD OF DEPARTMENT: Dr ISABELLE BENARD-THIERY



Contact Department's office:

+33 (0)4 92 03 11 58

e-mail : isabelle.benard-thiery@nice.unicancer.fr

LEADING ACTIVITIES

The pharmacy delivers at the Lacassagne Center:

- Medication
- Solutes
- Dressings
- Sterile single medical devices
- Stable blood products
- Medical fluids
- Clinical study treatments (Temporary utilization dispensation, DGS autorisation)

The various services to both the Center and the IUFC for inpatients and outpatients dispensation

The dispensation is individually registered, it is done every day directly into the wards carts, with the identity of each patient, which is a significant improvement of the medication circuit in health care services. Returns are also processed individually by the pharmacy technicians which optimizes nominative and dispensation of drug stocks.

PHARMACY TEAM

Isabelle BENARD-THIERY

Emmanuelle BESREST

Nathalie DUBOUE

Nadine SAPIN
(radio-pharmacist)

Caroline MAUREL
(radio-pharmacist)

A cancer centers' charter, commitments to the patient

Built around the characteristics that underpin the specificity of cancer centers, the commitment charter addresses all dimensions: medical quality of care, performance of research, quality of care of patients and their entourage, personalised support and accessibility of the centers to all. It is the combination of all these features that makes cancer centers unique and a hallmark of excellence in oncology.

The commitment charter of the cancer centers includes 6 common and indissociable commitments shared by all cancer centers.



Commitment n°1

Offer you the best possible treatment, adapted to your cancer, at the forefront of medical knowledge, advances in research and technologies



Commitment n°4

Help you and your entourage to maintain the best possible quality of life during your hospitalisation and at home



Commitment n°2

Inform you clearly, listen to you and include you in decisions about you



Commitment n°5

Promote prevention and screening actions to reduce your risk of cancer or diagnose it as soon as possible



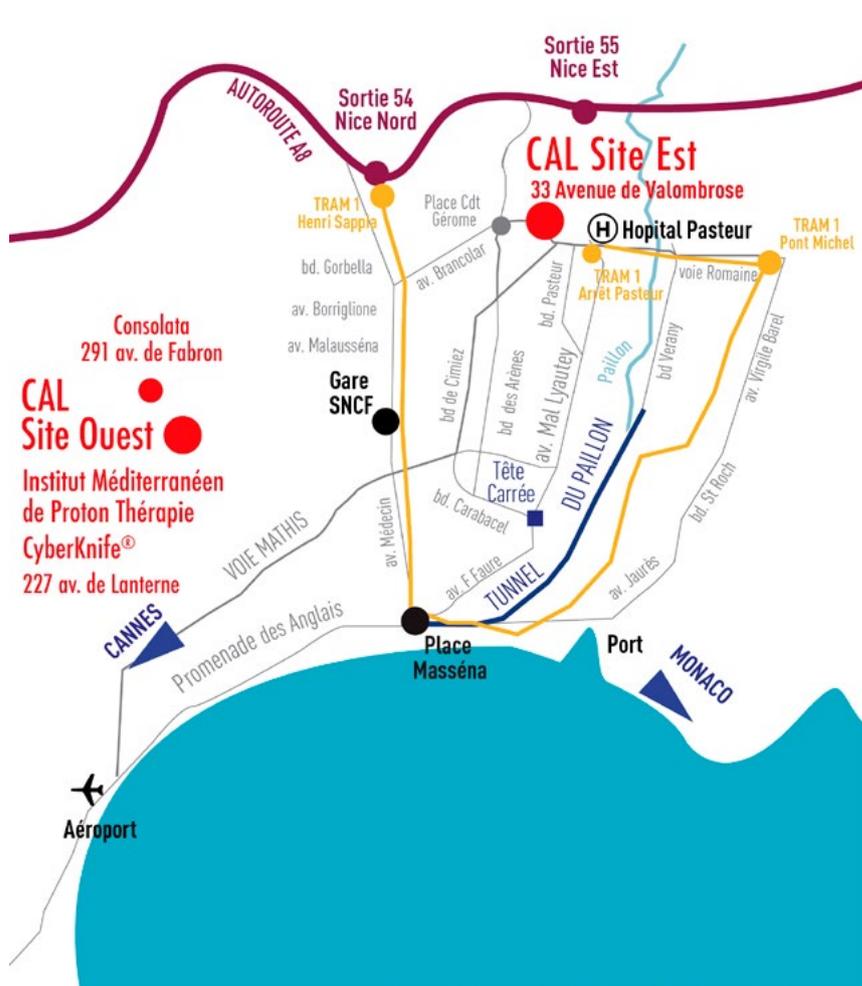
Commitment n°3

Accompany you in coordinating the care that will be provided to you within and outside our hospital



Commitment n°6

Guarantee access to all healthcare regardless of your financial resources and without exceeding fees



ANTOINE LACASSAGNE CENTER

33 avenue de Valombrose

06189 Nice Cedex 2

Tél : +33(0)4 92 03 10 00

Email : direction@nice.unicancer.fr

COMMUNICATION DEPARTMENT

Email : communication@nice.unicancer.fr



Antoine Lacassagne
CANCER COMPREHENSIVE CENTER

unicancer

NICE

Antoine Lacassagne Center is a public interest establishment able to receive donations and legacies.

www.centreantoinelacassagne.org



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