UNICANCER invents
the oncology of tomorrow

The international cooperations of the French Comprehensive Cancer Centers

Group of the French Comprehensive Cancer Centers
www.unicancer.fr
The UNICANCER Group, a key player in oncology in France

UNICANCER groups together the 20 French Comprehensive Cancer Centers (FCCC). It promotes the cancer research organizational model and pools their resources and expertise in order to bring a new dynamic to the management of patients.

In France are treated in the FCCC:

- 30% of the women with breast cancer
- 20% of the women with gynecological forms of cancer
- 19% of the patients with Ear-Nose-Throat cancer
- 21% of the patients with endocrine cancer

For patients and the medical and scientific world alike, the UNICANCER brand serves as a label helping them to situate themselves within the complex healthcare offer in oncology. UNICANCER guarantees the same quality of management in all of the Group’s establishments, as well as fast, safe access to innovations. Research is at the heart of the UNICANCER Group and its aim is to put innovation at the service of patients.

UNICANCER in figures:

- 20 healthcare establishments
- 18,000 employees
- 110,000 patients hospitalized every year
- 250 clinical trials sponsored by the Group
- 2 billion in total revenue

UNICANCER abroad

UNICANCER is a member of two international federations and one world organisation:
- International Hospital Federation (IHF).
- European Hospital and Healthcare Federation (Hope).
- Union for International Cancer Control (UICC).

The UNICANCER model:
- Multi-disciplinary
- Comprehensive care of the patient
- Research/care continuum
- Performance and innovation for the benefit of patients
- Treatments accessible to all respecting the fees set by the social security

UNICANCER in figures:

- 120 Centers exclusively dedicated to treating cancer
- The French Comprehensive Cancer Centers (FCCC) are at the cutting edge of oncology. They are private, non-profit establishments dedicated exclusively to healthcare, research and teaching in oncology. They have adopted an innovative patient management model, based on the research/care continuum.

NORTH-WEST
1. MONTPELLIER
   Centre Oscar Lambret
   www.centreoscarlambret.fr
2. NANTES
   Institut de Cancérologie de l'Ouest (ICO)
3. CAEN
   Centre François Baclesse
   www.baclesse.fr
4. PARIS – SAINT-CLOUD
   The hospitals of the Institut Curie encompassing 2 FCCC:
   • Hôpital parisien
   • Hôpital René Huguenin (Saint-Cloud)
   www.curie.fr
5. VILLEENUIZEL
   Gustave Roussy
   www.gustaveroussy.fr

PARIS AND SUBURBS
12. MONTPELLIER
   Institut régional du cancer de Montpellier – Val d’Aurelle
   www.icm.unicancer.fr
13. MARSEILLE
   Institut Paoli-Calmettes
   www.institutpaolicalmettes.fr
14. LA ROCHELLE
   Centre Antoine Lacassagne
   www.centreauteilacassagne.org
15. LYON
   Centre Léon Bérard
   www.centreleonberard.fr
16. CLERMONT-FERRAND
   Centre Jean Perrin
   www.cjp.fr

WEST
7. RENNES
   Centre Eugène Marquis
   www.centre-eugene-marquis.fr
8. ANGERS-NANTES
   L’Institut de Cancérologie de l’Ouest (ICO) encompassing 2 FCCC:
   • ICO site Paul Papin (Angers)
   • ICO site René Gauducheau (Nantes)
9. ARRAS
   Centre Oscar Lambret
   www.centreoscarlambret.fr

NORTH-EAST
17. DUION
   Centre Georges-François Leclerc
   www.cgfl.fr
18. REIMS
   Institut de Cancérologie Jean Godinot
   www.institutjeangodinot.fr
19. NANCY
   Institut de Cancérologie de Lorraine
   Alexis Vautrin
   www.id-lorraine.fr
20. STRASBOURG
   Centre Paul Strauss

SOUTH-WEST
10. BORDEAUX
    Institut Bergonié
    www.bergonie.org
11. TOULOUSE
    Institut universitaire du cancer de Toulouse – Oncopole (IUCT)
    www.claudiusregnault.fr
The expertise of the French comprehensive cancer centers in terms of healthcare

The French Comprehensive Cancer Centers (FCCC) ensure the management of all types of cancer:

- Standard forms of cancer (breast cancer, prostate cancer, gynecological cancers, lung cancer, cancer of the digestive tract, etc.).
- Rare forms of cancer (Ear-Nose-Throat cancers, soft tissue cancer, etc.).
- Complex cases.

Individualized and innovative patient management

UNICANCER puts the concepts of quality of management, quality in the doctor-patient relationship and quality of life at the heart of its strategy.

- **Individualized treatments**: adapting treatment to the biological specificities of patients and their genetic heritage. All the FCCC have a molecular genetics platform for cancer to allow for the precise characterization of tumors and personalized management.
- **Individualized support for patients** and those around them with, in particular, the development of supportive care (including social support, diet, physical therapy, cosmetic care, psycho-oncology, sophrology, pain management, functional re-education) and links with patient associations.
- **Patient/partner culture**: patients are at the heart of the management and of the treatment choices it implies (patient committees, observatory of patient expectations).

UNICANCER, expertise recognized by the public authorities*

The French Comprehensive Cancer Centers are the privileged partners for many of the trials developed under the Cancer Plan and financed by the French government. They are carried out alone or in association with University Teaching Hospitals (Centres Hospitaliers Universitaires, CHU):

- 15 out of 24 geriatric oncology units.
- 6 out of 8 Centers for adolescents and young adults.
- 8 FCCC are coordinators for rare forms of cancer out of 17 healthcare establishments identified in France.
- 2 trials out of 5 for the “personalized post-cancer program”.
- 6 out of 19 projects for proximity accommodation.

*In 2014

The innovative equipment that makes it possible to perform the most effective treatments is for the most part installed in the FCCC. 44% of the particle accelerators have been acquired or renewed in the last four years. Of the 20 Centers, 13 now have **tomotherapy** equipment, 6 are equipped with **Novalis** and 5 with **Cyberknife**.
The expertise of the French comprehensive cancer centers in terms of research

Along with healthcare and training, research is one of the fundamental missions of the 20 French Comprehensive Cancer Centers (FCCC) that make up the UNICANCER Group. Research is carried out at the level of each Center as well as Group-wide, via R&D UNICANCER.

The historic role of the Centers in terms of research is to allow patients to benefit from diagnostic and therapeutic innovations on the basis of all the disciplines involved in the management of cancer.

In each Center, multi-disciplinary teams associate healthcare with research units in order to develop integrated cancer research. This is based on the fundamental, translational and clinical research continuum.

- Clinical research in the FCCC:
  - More than 250 clinical trials in progress sponsored by the FCCC.
  - 18% of the patients in the FCCC are participating in a clinical trial (vs 8.5% for the national average according to the Register of the clinical trials in oncology by the French National Cancer Institut.

- Fundamental and translational research in human and social sciences: in particular through more than 70 partnerships with public research organizations (the French National Institute for Health and Medical Research/INSERM, the French National Center for Scientific Research/CNRS, and universities).

- With 9,715 publications in 5 years, the FCCC teams contribute to more than 27% of French bibliographic production in the field of cancer (excluding publications in Social Sciences and in French only).

*figures for 2013*

R&D UNICANCER in figures

R&D UNICANCER, UNICANCER's scientific department, is the number 1 operator in academic clinical research in oncology in France.

It hosts the French liaison office of the European Organisation for Research and Treatment of Cancer (EORTC).

The originality of EFEC is to propose:

- several themes around the management of cancer patients.
- a single training course for several professions, both medical and paramedical.
- several organization modalities (courses both inside and outside the hospital).

Every year, EFEC:

- trains more than 1,500 professionals.
- provides more than 90 training sessions.

www.efec.eu

The expertise of the French comprehensive cancer centers in terms of teaching

Since their creation, the French Comprehensive Cancer Centers (FCCC) have served a teaching mission in addition to their missions in healthcare and research focused on cancer.

UNICANCER provides on-going training in multi-disciplinary and transversal oncology through the European School for Training in Oncology (EFEC) and the training institutes at the Centers.

The EFEC was founded in 2002. It offers structured teaching in the context of on-going teaching. Its courses are open to all medical and paramedical professionals from the FCCC or other public or private establishments working in the field of oncology in France or abroad.

R&D UNICANCER in figures

The FCCC propose:

- Continuous Professional Development (DPC) programs.
- Higher education programs for doctors and specialists in the disciplines of oncology (different diplomas proposed, such as Masters Degrees etc.).
- Paramedical training (nurses, electro-radiology technicians, medical assistants, etc.).

Every year, the FCCC:

- Welcome more than 200 interns.
- Propose more than 240 on-going training oncology.
The characterization of tumors, making it possible to better understand them in order to better treat them

The French Comprehensive Cancer Centers are currently developing the practice of biological and genetic cancer diagnosis, both at the level of the individual and of the tumor. They are all part of one of the 28 hospital platforms for the molecular genetics of cancer supported by the French National Cancer Institute.

An increase in out-patient surgery

All the Centers have an out-patient surgery program. According to the UNICANCER study, this should represent half of breast cancer surgery by 2020.

Radiotherapy will be more targeted and less invasive

This is at the heart of the current trend for de-escalation in the treatment of cancer, thanks to techniques with better performances. This change is already underway in the French Comprehensive Cancer Centers, which manage almost 25% of all radiotherapy sessions in France.

The development of supportive care

For the overall management of patients during and after their illness. The French Comprehensive Cancer Centers pioneered the creation of supportive care departments. These departments offer patients and those around them personalized back-up, thanks to consultations with nutritionists, psychologist, socio-beauty therapists, social workers and specialists in palliative care. For the French Comprehensive Cancer Centers, support care is an inseparable part of quality patient management. According to UNICANCER study, the workforce dedicated to supportive care in the FCCC will double by 2020.

The development of interventional radiology

Which uses imaging techniques for more precise and less invasive acts for patients. Eleven Centers already perform acts of interventional radiology for diagnostic and therapeutic purposes. The UNICANCER study shows that the number of hospitalizations for acts of interventional radiology could be multiplied by 4 in the years to come.

The development of oral treatments and home hospitalization chemotherapy

By 2020, the proportion of medical treatments administered orally could increase from today’s 25% to 50%, and intravenous chemotherapy decrease by 25%. The FCCC have implemented a wide range of actions to accompany this progress: home hospitalization units, specific consultations, therapy education programs, etc.
L’expertise des Centres de lutte contre le cancer s’exporte à l’international

Les Centres de lutte contre le cancer ont développé de nombreuses collaborations avec les pays du monde entier. Cela comprend des formations de professionnels de santé, des partenariats scientifiques mais également l’accompagnement à l’ouverture de services et de centres de cancérologie sur place, inspirés du modèle des Centres de lutte contre le cancer.

The expertise of the French Comprehensive Cancer Centers abroad

The French Comprehensive Cancer Centers (FCCC) have developed a number of collaborations with countries all over the world. This includes initial university and on-going expert training for healthcare professionals, scientific partnerships, as well as support for opening oncology services and centers based on the FCCC model.