

2018

# HÔPITAL UNIVERSITAIRE NECKER-ENFANTS MALADES



## ***"2018, a key year for the creation of a new large-scale university hospital group"***

The year 2018 was marked by the institutional launch of the merger of the university hospitals Necker-enfants malades, Paris Centre and Paris Ouest and the appointment of Serge Morel, Director to carry out this large-scale project. The aim of this approach, which is fully in line with the "New AP-HP", is to strengthen cooperation between the three hospital groups and thus make the offer. This will make the university's healthcare system more visible, attractive and efficient.

The Necker-enfants malades University Hospital has fully invested in this project to build a shared and complementary medical strategy. In this respect, the grouping of the Necker-Cochin fetopathology activities, and the work around the Transition between Necker and the HEGP, which opened its Transition space in 2018, are evidence of this commitment.

The continuous approach to improving the quality and safety of care was welcomed by the Haute Autorité de Santé, which awarded Necker Hospital a level B certification in March 2018 without reservation and validated Necker's quality account, describing our priority risks and the associated action plans.

In addition, the restructuring project of the Robert Debré Clinic continued in 2018 with the installation of the transverse therapeutic education unit and the progress of work on the emblematic project to transform the building into the first paediatric outpatient clinic in the region.

finally, this year again, all the teams of the Campus Necker-enfants malades - clinical and biological teams, the Imagine Institute and the Institut Necker-enfants malades - has been distinguished by research projects and innovations such as the significant improvement in the health status of 19 children and adults with CLOVeS syndrome thanks to a new therapeutic strategy developed by Dr Guillaume Canaud, a world <sup>first</sup> in medicine.



## **ABOUT US**

***The Necker-Children's Hospital offers all the paediatric medical and surgical specialities, a paediatric emergency service, a type 3 maternity hospital and highly specialised adult services (nephrology, renal transplantation, haematology, infectious diseases).***

***It is the headquarters of Samu 75, AP-HP. As a referral hospital for the treatment of serious and complex pathologies, its teams have developed a high-level medical approach thanks to the strong synergy between the clinical units, the technical platform and the research units, which make the hospital an important player in clinical research with more than 500 projects underway. It is home to nearly 60 centres of reference or competence for rare diseases.***

***Its 5,000 professionals treat more than 500,000 patients per year, of which nearly 17% come from the provinces or abroad.***

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# MAJOR PROJECTS

## ***Building the patient pathways of tomorrow***

### **CONTINUATION OF THE TRANSFORMATION OF THE ROBERT DEBRÉ CLINIC**

including the transfer of the transverse therapeutic education unit.

### **HOSPITAL HOTEL**

Offering patients, before or after their medical treatment, alternative accommodation in a nearby hotel, in order to facilitate their journey and avoid a night in hospital.

## ***Ensuring the quality and safety of care and promoting hospitality***

### **ISO 9001-2015 CERTIFICATION,**

by an approved external body, of the equipment and biomedical maintenance department, which has been involved in a quality management approach for several years.

### **NEARLY 300 PEOPLE ATTENDED NECKER'S "ERROR DAYS".**

as part of Patient Safety Week: simulated pathways in a care unit for  
Identify the errors present, hygiene workshops, identity surveillance, pain and haemovigilance.

### **25 LABELLED SERVICES "AP-HP HOSPITALITY**

and many fully registered in the process.

## ***To be a player in the medical and digital revolutions, partnering with universities***

### **EVALUATION OF RESEARCH**

Necker's scientific excellence highlighted by the experts of the High Council for the Evaluation of Research and Higher Education - HCeReS.

### **SETTING UP A CELL DIGITAL IN FEBRUARY 2018**

to promote, encourage and facilitate the implementation of innovative projects. These projects, which come from the field, aim to use a new "digital" tool (applications, connected objects, etc.) and improve the diagnosis or care of a patient and/or his/her relatives.

### **MODERNISATION OF LABORATORY EQUIPMENT**

such as the installation of the mass spectrometer in the metabolic biochemistry laboratory and the renewal of the  
new equipment in the operating theatre: 3D C-arm, neuronavigation, etc.

## ***Transform organizations***

### **ON THE OCCASION OF THE HEALTH AND SAFETY AT WORK,**

Necker professionals had the opportunity to participate in workshops combining information, prevention and well-being: prevention of musculoskeletal disorders, self-massage, shiatsu, flash nap.

### **INNOVATION AWARDS MANAGERIAL**

From the 36 applications examined, the jury selected 6 applications whose project of professionals of Necker: "To communicate is to care - promoting communication to families in an interdisciplinary way".

(Communication & simulation group in Federation of paediatric surgical and medical-surgical resuscitation).

## ***Building a financially responsible project***

### **THE ENTIRE NECKER COMMUNITY HAS BEEN MOBILISED TO MAINTAIN THE RIGHT LOCATION HOSPITAL'S BUDGET,**

despite a constrained context. This commitment took several forms: revitalisation of all the types of revenue (revenue from activities, sponsorship, etc.), development of fair prescribing with substitution of medicines by generics and biosimilars, purchasing performance.

### **DEVELOPMENT APPROACH HOSPITAL'S SUSTAINABLE DEVELOPMENT**

Launching of an initiative to reduce food waste and other actions such as the introduction of organic products in patients' menus, actions to improve waste sorting and creation of new sorting channels (plastic in restaurants, metals in the operating theatre).

# KEY FACTS

## INAUGURATION OF THE INCLUSIVE PLAYGROUND

*which gives children, in a medical environment, an outdoor space to which they hardly ever have access because of their pathology. This project was supported by the Palliative Care Fund.*



**Five stars awarded to both paediatric and adult radiology departments** by the European Society of Radiology as part of the euroSafe Imaging Stars campaign.

**Three hives and nearly 40,000 bees** have taken up residence at the Necker Hospital. Nearly 60 kg of honey were harvested in July and around 100 jars of honey were sold in December.



**"2nd City Meetings - Practical paediatric allergology hospital"**, a day of exchanges reserved for health professionals and general practitioners, paediatricians, pneumologists and allergists.



**4th edition of the Necker rare disease meetings "Life and nothing else"**, during which the difficulties of social inclusion encountered by patients and their families and possible levers of action were discussed.

## AND NUMEROUS PUBLICATIONS SCIENTIFIC

- **World first** at the Necker-enfants malades hospital: **successful reconstruction of a complete trachea in a young patient** 4 years ago with Prof. Vincent Couloigner and Prof. erea-Noël Garabedian and Dr. Régis Gaudin.
- Major advances in the **diagnosis and treatment of allograft rejection** with the application of artificial intelligence with Prof. Alexandre Loupy and Prof. Carmen Lefaucheur, Saint-Louis Hospital
- **New gene therapy success in beta-thalassaemia** with results from Prof. Marina Cavazzana demonstrating the effectiveness of this technique in improving the health status or curing patients with this disease.



- **Discovery of a genetic predisposition to tuberculosis** by the teams of Laurent Abel and Jean-Laurent Casanova within an international team.
- **Confirmation of the long-term therapeutic strategy in neonatal diabetes** by the paediatric endocrinology and diabetology team led by Prof. Polak.
- **World medical first: a new therapeutic strategy** developed by Dr Guillaume Canaud, which has led to a **significant improvement in the health of 19 children and adults suffering from CLOVES syndrome.**

# BENCHMARKS AND KEY FIGURES

## *An activity of proximity and excellence.*

**506 029**

TAKEN IN CHARGE\*.

**351,363** OUTPATIENT CONSULTATIONS

**82,425** VISITS TO EMERGENCIES of which **78 220**

general emergencies and

**4,205** specialised emergencies

**13,284**

SURGICAL PROCEDURES

of which **3,287** in outpatient surgery

**4** operating theatres

**3,230** DELIVERIES

**357** GRIFFS

**71,455** STAYS IN

MCO<sup>(1)</sup> of which **34,474** in full hospitalisation and **36,981** partial hospitalisation

**44** TVE programmes<sup>(5)</sup>

**3** PROTOCOLS FOR Active COOPERATION

**4,777** professionals

## *at the service of patients*

**801** SENIOR PHYSICIANS i.e. **494 FTE**<sup>(6)</sup>

**240** INTERNAL

**2,876** CAREGIVERS<sup>(6)</sup> (hospital, medical-technical and socio-educational)<sup>(6)</sup> including **1,178** nurses

**689** ADMINISTRATIVE AND TECHNICAL STAFF

AND WORKERS<sup>(6)</sup>

## *A welcoming hospital*

**4** REPRESENTATIVES of users and families

**23** ASSOCIATIONS

**600** VOLUNTEERS involved with patients

**28** SERVICES WITH THE "HOSPITALITY"

## *A large-scale hospital*

**7** POLES

**41** SERVICES

**582** BEDS all disciplines

combined

**128** DAY HOSPITAL PLACES of which **15** in outpatient surgery

**1** IHU

**61** REFERENCE CENTRES RARE DISEASES

## *A teaching hospital*

### A MAJOR RESEARCH ACT

**190** TESTS

to promotion academic or institutional

**209** TESTS at promotion AP-HP

**176** TESTS manufacturers

LABEL

**42** YOUNG VOLUNTEERS in Civic Service

**6** PHRC

**2** RHU

**1 079** PUBLICATIONS scientists

A STUDYING CENTER

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**213** MEDICAL STUDENTS

attached to the **PARIS DESCARTES**  
faculty

***A budget of €471 million,  
including €13 million in  
investment***



2018

# UNIVERSITY HOSPITALS PARIS CENTRE

Cochin  
Broca  
Hôtel-Dieu



## **"2018, a key year for the creation of a new large-scale university hospital group"**

The year 2018 was marked by the institutional launch of the



University Hospitals Paris Ouest, Necker-enfants and Paris Centre and the appointment of Serge Morel, prefigurator director, to lead this large-scale project.

This approach, which is fully in line with the "New AP-HP", aims to strengthen cooperation between the three hospital groups and thus make the healthcare offer of the university territory more visible and attractive and more efficient.



The University Hospitals of Paris Centre have fully invested in this project to build a shared and complementary medical strategy. In this respect, the setting up of specialised care pathways between Cochin and HEGP/CORENTIN-CELTON as well as the grouping of Necker-Cochin fetopathology activities are evidence of this commitment.



Once again this year, the development of outpatient care in medicine and surgery has led us to profoundly transform our organisations and our architecture. The PORT-ROYAL multidisciplinary ambulatory surgery unit is the most emblematic development of our hospital group in 2018 and one of the most important structures in the AP-HP dedicated to ambulatory surgery.



The University Hospitals of Paris Centre have continued their digital switchover: continued deployment of Doctolib for online appointment booking, Orbis/Orbis bloc software for patient records, Ambudem for outpatient surgery, development of the use of voice recognition in the departments, dematerialisation of mail and the "zero paper" project based on the complete abandonment of all paper medical records.

Finally, the University Hospitals of Paris Centre have acquired their very first surgical robot equipped with four articulated arms, which in 2019 will revolutionise the work of surgeons in urology, thoracic, digestive and gynaecological surgery.



La Rochefoucauld

## **ABOUT US**

*With its three hospitals: Cochin, Broca and Hôtel-Dieu, located in the heart of Paris, the University Hospitals of Paris Centre (HUPC) treat a wide range of pathologies in adults, pregnant women, newborns and the elderly. Our hospital group offers innovative care, at the cutting edge of research and technology, which has developed new surgical, medicinal and radiological therapeutic alternatives. Attached to the University of Paris Descartes, the HUPC has reference services at both national and international level structured around cancerology, perinatology, systemic diseases- autoimmune diseases- diabetes, geriatrics, ophthalmology and thorax, and two state-of-the-art biology and imaging technical platforms.*

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**HÔPITAUX UNIVERSITAIRES  
PARIS CENTRE**

Cochin • Port-Royal • Tarnier • Broca  
La Collégiale • La Rochefoucauld • Hôtel-Dieu



# MAJOR PROJECTS

## ***Building the patient pathways of tomorrow***

### **SPECIALISED CARE PATHWAYS FOR OPTIMISED CARE**

one for elderly patients with a femoral neck fracture involving HEGP emergencies, the orthopaedic surgery department at Cochin and the geriatric SSR unit at Cochin-Celton; the other for patients with secondary bone injury involving the HEGP emergency department and the Cochin orthopaedic surgery department.

### **ADAPTED MANAGEMENT OF THE ELDERLY ORTHOPAEDIC SURGERY PATIENT**

Opened in September 2018, the postoperative geriatric unit at Cochin is dedicated to the care of orthopaedic surgery patients over 75 years of age, in the immediate aftermath of their surgery in order to ensure a global follow-up required by their advanced age rather than a treatment with a simple orthopaedic aim.

### **PATIENT TROPHIES AP-HP 2018**

The "Coup de Coeur" prize was awarded to the Cochin rehabilitation team for the treatment of patients suffering from chronic invalidating lumbago thanks to the development of a gardening activity in the hospital.

## ***Ensuring the quality and safety of care and promoting hospitality***

### **HOSPITAL-ACQUIRED INFECTIONS DOWN SHARPLY**

Each year, 8 hygienists train more than 2,000 employees of the hospital group in good practice. These training sessions are bearing fruit, as 85% of the staff have integrated these instructions, compared with 56% the previous year.

### **THE HOSPITALITY LABEL: A WARM WELCOME FOR BETTER CARE**

In 2018, 7 services were labelled:

- at Cochin: orthopaedic surgery consultations, intensive care and resuscitation unit, ENT and maxillofacial surgery consultations, inpatient rehabilitation unit for the locomotor system and spinal pathologies, consultations and the rheumatology hospitalization unit,
- in Broca: the long-term care unit.

## ***Being a player in the medical and digital revolutions, partnering with universities***

### **INNOVATION TROPHY MANAGERIAL AP-HP**

The Cochin gastroenterology team received the AP-HP Managerial Innovation Trophy for its "Coordinated patient pathway without paper" project, which brings together all the professionals around a new organisation of the patient circuit, based exclusively on the use of the computerised medical file and the complete abandonment of all paper medical files.

### **1<sup>ST</sup> IN FRANCE: LEFT VENTRICULAR ASSISTANCE DEVICE IMPLANTED IN TWO MYOPATHIC PATIENTS NOT ELIGIBLE FOR A HEART TRANSPLANTATION**

In May 2018, the cardiology team at Cochin, recently labelled as a "Centre constitutif de références maladies rares" and at the University of Paris Descartes, implanted a left ventricular assistance device in two patients, aged 20 and 40, suffering from myopathy (Duchenne and Becker), presenting refractory heart failure not eligible for transplantation.

### **DELIVERY OF THE <sup>FIRST</sup> SURGICAL ROBOT TO THE COCHIN HOSPITAL**

In November 2018, Cochin received its very first surgical robot equipped with four articulated arms, revolutionizing the work of surgeons in urology, thoracic and digestive surgery and gynaecology. The first operation was successfully completed on 4 March 2019.

## ***Transform organizations***

### **APHP.5, AN AMBITIOUS PROJECT FOR AN OPTIMISED CARE OF OUR PATIENTS**

APHP.5, which brings together the three hospital groups of Paris Descartes University, is gradually being built. Based on a shared medical and research project, this new large-scale hospital group aims to encourage medical cooperation and federate skills in order to provide patients with The aim is to improve the quality of care and strengthen its position in an increasingly competitive environment.

## ***Building a project financial support for the transformation of the AP-HP***

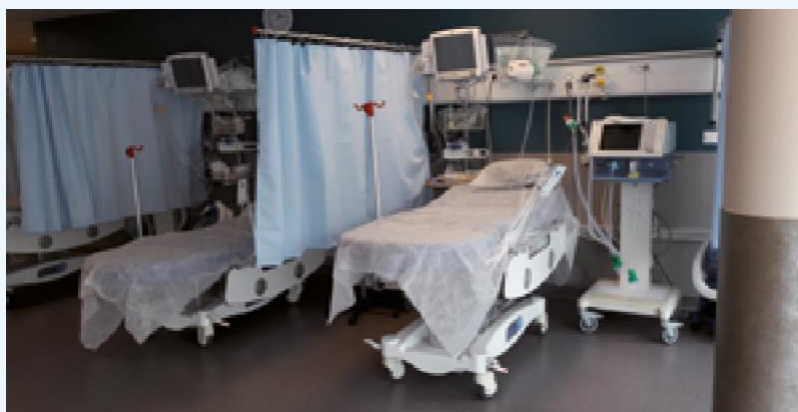
The University Hospitals of Paris Centre continue their digital switchover with the continuation of the deployment of ORBIS software, online appointment booking, voice recognition, paperless mail and paperless mail.



# KEY FACTS

## PORT-ROYAL UCA, THE VITRINE OF HUPC'S AMBULATORY SURGERY

**After twelve months of work and an investment of €5.3m, the PORT-ROYAL multidisciplinary ambulatory surgery unit opened its doors in April 2018 in the Port-Royal building at Cochin. This modern and spacious unit is composed of 5 operating rooms, 4 induction places, 7 monitoring places post-interventional ward, 5 day hospital places, a "patient reception" area and a lounge. The activity of the PORT-ROYAL UCA is entirely dedicated to outpatient surgery in 6 disciplines: gynaecology, orthopaedics, dermatology, urology, digestive and plastic surgery. Equipped with a high-level specialised team, UCA PORT-ROYAL uses innovative methods of stress management for the well-being of its patients, combining music therapy, olfactotherapy and virtual reality.**



## **A consultation dedicated to the protection of minors at risk of sexual mutilation at the Hôtel-Dieu**

In November 2018, an agreement between the AP-HP and OFPRA was signed organising the medical examinations required in the framework of the medical-judicial unit (UMJ) of the Hôtel-Dieu hospital

of an asylum application or the monitoring of the protection of minors at risk of excision. OFPRA directs the legal representatives of the minor to the UMJ at Hôtel-Dieu, where a consultation channel specifically dedicated to this activity has been created.

## **An expert centre for rapid diagnosis of lung cancer has opened at Cochin**



Patients with a suspicious pulmonary opacity on X-ray or thoracic scanner are seen in an onco-pneumology consultation in less than 7 days at the Cochin Hospital. All the examinations necessary for the diagnosis (bronchial fibroscopy, possible puncture under scanner, echo-endoscopy), the extension assessment and the assessment of operability, anticipated from the first consultation, are carried out the following week in the day hospital. A dedicated telephone number and e-mail address allow doctors to make appointments directly for their patients with the secretariat of the expert centre for thoracic oncology. This grouping of diagnostic examinations meets patients' expectations and avoids the scattering of appointments over the weeks, relieving the stress of waiting for a diagnosis and therapeutic management.



# BENCHMARKS AND KEY FIGURES

## An activity of proximity and excellence A large-scale hospital

**874 274** TAKEN IN CHARGE\*

**622,335** CONSULTATIONS EXTERNAL

**125,548** VISITS TO EMERGENCIES of which **82 877** general emergencies and **42,671** specialised emergencies

**27 996**

**SURGICAL PROCEDURES** including **17,502** in outpatient surgery **5** operating theatres

**5,298** DELIVERIES

**48** GRIFFS

**2** PROTOCOLS OF

Active **COOPERATION**

**7,064 professionals serving patients**

**1,189** SENIOR PHYSICIANS or **684** FTEs<sup>(6)</sup>

**327** INTERNAL

**4,159** CAREGIVERS<sup>(6)</sup> (hospital, medical-technical and socio-educational)<sup>(6)</sup> including **1,429** nurses

**1,202** ADMINISTRATIVE, TECHNICAL AND OTHER STAFF AND WORKERS<sup>(6)</sup>

**120,063** STAYS IN MCO<sup>(1)</sup> of which **54,104** in full hospitalisation and **65,959** in hospitalisation

partial

**48 712** DAYS IN HSR<sup>(2)</sup> (i.e. **3,368** stays)

**106 609** DAYS IN SLD<sup>(3)</sup>

**11 134** DAYS IN PSYCHIATRY

**5,166** people welcomed

in the **2** PASS<sup>(4)</sup>

**19** TVE programmes<sup>(5)</sup>

**9** POLES

**51** SERVICES

**1 348** BEDS all disciplines

confused

**216** DAY HOSPITAL PLACES of which **58** in outpatient surgery

**2** UHDS

**25** REFERENCE CENTRES

**RARE DISEASES**

## A teaching hospital

### A MAJOR RESEARCH ACT

**176** TESTS OF Promotion

academic or institutional

**286** TESTS at promotion AP-HP

**214** TESTS manufacturers

**1 370** PUBLICATIONS

scientists

### A CENTRE D'ENSEIGNEMENT

**807** MEDICAL STUDENTS

attached to the **PARIS DESCARTES** faculty

**169** STUDENTS trained

## ***A welcoming hospital***

**13 REPRESENTATIVES** of users and families

**46 ASSOCIATIONS**

**110 VOLUNTEERS** involved with patients

**10 SERVICES WITH THE "HOSPITALITY" LABEL**

**18 YOUNG VOLUNTEERS** in Civic Service

***A budget of €604 million, including €26.9 million in investment***

2018

# UNIVERSITY HOSPITALS PARIS OUEST

Corentin-Celton  
Georges-Pompidou  
European Hospital  
Vaugirard -  
Gabriel-Pallez



## ***"2018, a key year for the creation of a new large-scale university hospital group"***

The year 2018 was marked by the institutional launch of the process of bringing together the Paris Ouest, Necker-



Enfants malades and Paris Centre and the appointment of Serge Morel, Director prefigurator to carry out this large-scale project.

This approach, which is fully in line with the "New AP-HP", aims to strengthen cooperation between the three hospital groups and thus make the healthcare offer in the university area more visible, more attractive and more efficient.

The University Hospitals of Paris Ouest are fully committed to this project to build a shared and complementary medical strategy. In this respect, the work on the Transition with the Necker-Enfants malades hospital and the opening in July of the Espace Marina Picasso, as well as the setting up of a patient pathway for femoral neck fractures at HEGP - Cochin - Corentin-Celton, are evidence of this commitment.



The importance given to the fluidity of patient pathways was also illustrated with a "tailor-made" pathway set up at the HEGP in oncology. In addition, the development of robotic surgery continued with the acquisition of a second latest generation Da Vinci Xi® robot offering additional operating slots to the six specialties performing this surgery

Finally, the excellence of the research was highlighted in the report of the High Council for the Evaluation of Research and Higher Education (HCERES).



## **ABOUT US**

***The University Hospitals of Paris Ouest include the Georges Pompidou European Hospital, Corentin-Celton and Vaugirard-Gabriel-Pallez. These three hospitals, which complement each other, offer excellent local care based on the following major themes:***

- ***Cardiovascular pathologies***
- ***Cancerology***
- ***Geriatrics***
- ***Psychiatry***
- ***Orthopaedic surgery***
- ***Emergencies and their aftermath***

***Associated with the Paris Descartes Faculty of Medicine, the hospital group ensures a teaching mission.***

***Its international reputation is also based on the fundamental and clinical research developed by all the specialties.***

***[hopitaux-parisouest.aphp.fr](http://hopitaux-parisouest.aphp.fr)***







# MAJOR PROJECTS

## ***Building the patient pathways of tomorrow***

### **PATIENT PATHWAYS "TAILOR-MADE" ONCOLOGY**

**Programming of the care pathway by a unit responsible for accompanying patients**

throughout their care. As a single point of contact for patients and prescribers, this new organisation aims to optimise treatment times and the quality of care, make it safer prescribers in the complex organisation of patient care and simplify patient interactions in hospital.

**The TIMEO unit, dedicated to all patients undergoing anti-tumour immunotherapy**, regardless of the department that initiated the prescription, aims to provide an exhaustive pre-therapeutic assessment in case of a terrain at risk of autoimmunity and management of possible side effects or in case of doubt about the neoplastic evolution under treatment.

## ***Ensuring the quality and safety of care and promoting hospitality***

### **THE HOSPITAL GROUP IS CERTIFIED IN B**

with two recommendations for improvements concerning the management of medicines and patients' rights, and corrective measures for PSRs concerning work organisations and conditions and interpersonal relations at work.

### **THE HOSPITALITY LABEL**

was awarded to 4 new units at Corentin-Celton (8 had already been awarded in 2017) and the HEGP joined the process with 2 first units labelled. For both sites, nearly 30 self-diagnoses were carried out.

## ***To be a player in the medical and digital revolutions, partnering with universities***

### **THE PREFIGURATION OF APHP.5**

enabling the three hospital groups HUPO (Corentin-Celton/HEGP/Vaugirard-Gabriel-Pallez), HUPC (Cochin/Hôtel Dieu/Broca) and Necker-Enfants malades to work in partnership with Paris Descartes University on complementary and federating medical projects, offering patients adapted care paths.

### **EXCELLENCE IN RESEARCH**

This is underlined by the report of the High Council for the Evaluation of Research and Higher Education (HCERES) as well as by the results of numerous studies published in prestigious journals on various topics (intelligence, education, etc.). (e.g. artificial respiration and radiochemotherapy, immunotherapy, renal denervation and hypertension, immunoscore in colon cancer treatment).

## ***Improving the quality of the care pathway for patients waiting for specialist care***

### **A NEW ORGANISATION FOR PATIENTS REQUIRING CRITICAL CARE**

This new organisation has been set up at the HEGP in order to optimise the management of patients requiring critical care. It is based on the development of a close partnership between services involved in the reception of this type of patient within the GH.

### **A COMMON MEDICAL PROJECT BETWEEN THE ANAESTHESIA DEPARTMENT, THE MEDICAL RESUSCITATION AND INTENSIVE CARE UNITS**

The elaboration of this common medical project makes it possible to fluidify and develop the quality of care of important severity. In addition to the existing medical and intensive care units, the hospital now has 25 beds in the multi-purpose surgical intensive care unit, 16 beds in the continuous care unit and 27 places in the recovery room on two floors, allowing the discharge of polytrauma patients.

## ***Building a financially responsible project***

### **FINANCIAL BALANCE IS MAINTAINED**

For the fifth consecutive year, the hospital group has posted a surplus thanks to the mobilisation of all its teams.

# KEY FACTS

## THE OPENING OF THE MARINA PICASSO SPACE

**Anchored within a transversal project "Transition", the space designed by Philippe Starck and sponsored by the singer Amir, accompanies the transition of young patients with chronic pathologies from paediatric services to adult care. This project has received financial support from the Fondation Hôpitaux de Paris-Hôpitaux de France.**



### **A second face transplant performed on the same patient**



A new vascularised facial graft was performed in mid-January 2018 by a medical team and paramedical staff led by the Pr Laurent Lantieri, with the intensive care unit of the Prof. Bernard Cholley.

This world first was performed on a patient who had already received a face transplant in 2010 and was suffering from chronic rejection.

### **The patient pathway femoral neck fracture ahp.5**

In order to offer rapid care to patients diagnosed with a fracture of the neck of the femur, a specialised care pathway has been set up between the HEGP's emergency department, the orthopaedic surgery department at Cochin and the geriatric SSR unit at Corentin-Celton. A single contact was identified for the patient throughout his or her journey.

### **The creation of a cardio-oncology unit for better management of cardiovascular toxicities linked to anti-cancer treatments**



This unit, which opened in June 2018 and is directed by Dr Mariana Mirabel, enables early detection of cardiovascular toxicities linked to cancer treatments. It avoids a too often late treatment.

of patients with heart failure advanced cardiac disease.

### **The second surgical robot Da Vinci Xi® latest generation**

Already equipped with a first robot renewed in 2013, the hospital offers with this second robot additional operating areas to the six specialties practicing robotic surgery: urology, gynecology, ENT, digestive, vascular, thoracic and eventually two new specialties: orthopedics and plastic surgery.

