REGENERATION

Enabling cord blood stem cell donations
Promoting cell therapy research

HELPING PATIENTS

The public health challenge

In France, each day a patient is transplanted with stem cells obtained from umbilical cord blood. Collected at birth, **cord blood can cure more than 80 diseases**, including blood cancers, autoimmune diseases, and a number of hereditary disorders.

Mission and actions

Created in 2008, the Générale de Santé Foundation has spearheaded a broad and inclusive drive to facilitate the anonymous and free donation of cord blood stem cells in order to meet two major challenges:

1. **Help patients waiting for transplants** by collecting cord blood units for transplantation;

2. **Support research** by offering research teams a reliable supply of cord blood stem cell samples.

Public-private partnerships

Through pioneering initiatives, the Générale de Santé Foundation works hand-in-hand with public and institutional partners to support patients, transplant physicians and researchers by facilitating access to grafts, expanding the ethnic diversity of donors, and facilitating the emergence of new treatments in cell therapy and regenerative medicine.

Achievements

▶ **More than 13,000 cord blood stem cells collected** since the creation of the Foundation

▶ **More than 1,500 units offered each year for research** (INSERM, CNRS, CEA, Institut Pasteur, AP-HP)

▶ **More than 100 patients transplanted worldwide** using grafts collected in Ramsay Générale de Santé maternities

SUPPORTING RESEARCH

Meeting the needs of researchers

Today, in France, close to 120 research teams are working on developing new treatments using human stem cells. Cord blood stem cells obtained from placental tissue and cord blood offer numerous advantages from an ethical and scientific standpoint. However, there are few supply channels, and those that do exist are not clearly identified.

Supplying biological samples

In partnership with Assistance Publique – Hôpitaux de Paris, the Générale de Santé Foundation provides researchers with high-quality biological samples. This is the first distribution channel to be free, transparent and compliant from an ethical and regulatory standpoint. As a point of entry for the scientific community, it allows researchers to acquire biospecimens collected and prepared according to state-of-the-art practices.
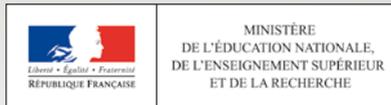
Rewarding scientific excellence

Organized in partnership with the French Academy of Sciences, the Générale de Santé Foundation International Prize for Research in Cell Therapy and Regenerative Medicine was inaugurated in 2012 in the presence of Shinya Yamanaka, Nobel Prize in Medicine. Under the patronage of the French Ministry of Education and Research, it rewards scientific excellence in the field of tissue regeneration. With this award, the Générale de Santé Foundation supports each stage of biomedical innovation, accelerating the transfer of scientific knowledge to clinical applications dedicated to curing patients.

Key figures

▶ **400 obstetricians and midwives** trained in best practices

▶ **Five Ramsay Générale de Santé maternities** partnering with **two public banks**

▶ Consent form available in **six languages** to promote ethnic diversity of donors

▶ **30 long-standing public-private partnerships**

Since 2014, the Générale de Santé Foundation International Prize has been under the patronage of the French Ministry of Education and Research.

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To reward its initiatives, the Générale de Santé Foundation was awarded the 2009 Grande Cause Nationale label delivered by the French Prime Minister, and the 2012 Special Jury Prize granted by the Private Hospitalization Federation.

Ramsay Générale de Santé

▶ The leading player in healthcare and heath services in France
▶ 20,000 employees
▶ 5,000 independent practitioners
▶ 1.5 billion euros in revenue
▶ 1.2 million patients treated each year
▶ 115 private clinics and hospitals

RAMSAY
GÉNÉRALE
DE SANTÉ