

VITA34

HEALTHCARE FOR THE FUTURE

With the storage of stem cells from the umbilical cord you enable a more vital life for your child.



FIVE REASONS

TO SET UP A STEM CELL DEPOSIT

OUR TOPICS

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We enclosed a leaflet in the inside back cover containing an overview of our latest products, services, and prices as well as our terms and conditions and the order form.

1

The stem cells from your child's umbilical cord are unique. They are particularly young, vital, and easy to collect.

2

Stem cells from the umbilical cord are almost non-perishable. Cryo-preservation maintains their valuable properties.

3

Stem cells are the focus of scientific research. New possible therapies are constantly tested and introduced in clinical studies worldwide.

4

Stem cells from the umbilical cord are applied successfully. They are used to treat numerous diseases already.

5

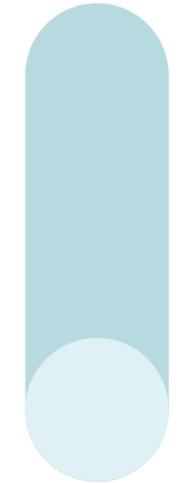
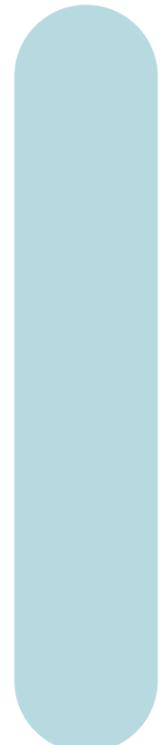
Stem cells are a valuable source material for medical cell therapy. Patient's own cells are a key to the personalized medicine of the future.



DEAR PARENTS TO-BE,

you will soon hold your little darling in your arms. All our best wishes and the very best of luck to you. At the birth, you can take sustainable preventive healthcare measures for your child by storing the stem cells from your baby's umbilical cord.

The umbilical cord is a very special and easy accessible source to collect stem cells. They are never again as numerous, as young, as vital, and as healthy as they are at birth. The valuable cells are collected at the delivery, at no risk at all and completely painless for mother and child. A stem cell deposit means a loving and responsible decision for your child's health care. Make use of this unique opportunity at birth!



STEM CELLS ARE THE BUILDING BLOCKS OF LIFE

An entire human being develops from the initial stem cell - the fertilized egg. Through reproduction and differentiation, they form over 200 different cell types: e.g.: blood, muscle, or nerve cells. Even after the birth, stem cells make us grow further. They control the regeneration and repair of injuries and diseases. Thus, they accompany us throughout our whole lives.

Stem cells have been applied in the treatment of serious diseases for 60 years. Successful stem cell therapies are not a vision for the future and are used in the treatment of numerous diseases.

Many conditions, like joint arthrosis, cardiovascular diseases or type 2 diabetes, occur only when you get older. Stem cells bear a great potential to treat such diseases as well.



STEM CELLS ARE ALREADY BEING USED TODAY IN THE TREATMENT OF MANY DISEASES IN ESTABLISHED FIELDS OF APPLICATION OR CLINICAL TRIALS

- Defects of the immune system (e.g. Wiskott Aldrich syndrome)
- Autoimmune diseases and metabolic disorders (e.g. diabetes mellitus type 1, multiple sclerosis)
- Oncological diseases (e.g. multiple myeloma, neuroblastoma)
- Hematological diseases (e.g. aplastic anemia)
- Sporting and accident injuries (e.g. cartilage and muscle damage)
- herapies of neurological and neurological degenerative diseases (e.g. Alzheimer's, Parkinson's)
- Brain damage (e.g. cerebral palsy, trauma)





SO IMPORTANT ARE STEM CELLS FROM THE UMBILICAL CORD

In the last third of the pregnancy, the baby's stem cells start to migrate through the blood stream into the bone marrow and the organs. This is the reason, why its blood circulation contains so many vital stem cells, millions of them in the umbilical cord.

Stem cells make sure that our bodies are able to regenerate for a lifetime. For instance, the cells of the villi are renewed every week, the red blood cells regenerate every four months, our bones at least every ten years.

THE BEST TIME TO SECURE STEM CELLS IS THE BIRTH.



GOOD TO KNOW

Cord blood is rich in stem cells.
It is already applied routinely.
It is available promptly
in case of need.

STEM CELLS FROM THE CORD BLOOD

The collection of umbilical cord blood is uncomplicated and entirely without risk for mother and child. The umbilical cord is cut and then punctured to collect the remaining blood from the placenta and umbilical cord. The collected blood is not only rich in blood stem cells, but also contains stem cells for connective tissue, blood vessels, and other blood ingredients that have not been examined sufficiently yet. These cells would e.g. be able to replace the hematopoietic system of a child completely.

Umbilical cord blood was applied in the treatment of hematopoietic disorders, the correction and regeneration of the immune system, the stimulation of hematopoiesis, as well as in case of infantile brain damage and diabetes mellitus type 1.



SECURE THE STEM CELLS FROM
UMBILICAL BLOOD WITH
»VITAPLUS«

read more on the leaflet in the inside
back cover

STEM CELLS FROM CORD TISSUE

The special stem cells from the tissue of the umbilical cord can be stored, too. This is where the concentration of mesenchymal stem cells (MSC) is particularly high. MSC from other tissue sources are applied already, e.g. to treat joint and cartilage diseases (like arthrosis) or dysfunctions of the immune system (like multiple sclerosis).

MSC are used also to grow new tissue for regenerative medicine. Therefore, they will be helpful in the creation of functioning organs. Stem cells from umbilical cord tissue are furthermore able to inhibit or prevent unwanted reactions of the immune system. Thus, e.g. rejections after transplantation procedures can be specifically treated. Another advantage is that MSC can be used potentially within the family (e.g. for siblings or parents).

GOOD TO KNOW

MSC are used in sports and accident medicine.

They are suitable for the treatment of joint and cartilage diseases.

They have the potential to be used for treatment within a family.



SECURE THE STEM CELLS FROM UMBILICAL CORD TISSUE WITH »VITAPLUSCORD«

Read more on the leaflet in the inside back cover





THE VITA 34 ALL-ROUND SERVICE

Vita 34 customer service

Our Vita 34 customer service is always there for you: If you want to know about possible diseases, previous applications, or the relevance of previous diseases, if you need help in completing medical documents or discussing the findings of the numerous quality tests. Our experts from the fields of medicine and biology will provide you with professional advice and assist you in all medical matters regarding your stem cell deposit. Call us from Monday to Friday between 8 a.m. and 7 p.m. (free of charge) or write an email to kundenservice@vita34.de or kundenservice@vita34.at.

Information events

Vita 34 consultants inform about the preventive medical care by means of stem cell deposits in many German cities. Agree your personal appointment or search for events in your vicinity at www.vita34.de/veranstaltungen or www.vita34.at/veranstaltungen.

Glass laboratory

Take a look behind the scenes and watch the storage process live. At our unique glass stem cell laboratory, you can follow the procedure through safety glass. Should you not have the opportunity to visit us in Leipzig, please feel free to attend our virtual panoramic tour: www.vita34.de/rundgang or www.vita34.at/rundgang.

Vita 34 customer portal

You can easily place your order online in the customer portal of Vita 34. You will find all the information concerning the stem cell deposit of your child. You can view invoices and orders, change personal data, or communicate with the customer service: <https://portal.vita34.de>.



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GERMANY

00800
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AUSTRIA

VITA34 — CERTAINLY A GOOD PARTNER

We have been storing cord blood since 1997 and are therefore the most experienced and largest stem cell bank for individual preventive medical care in the German-speaking countries. Specialized bio-chemists, biologists, and bio-engineers, and physicians as well as the medical-technical assistants make Vita 34 the number one in Germany for stem cells from cord blood and cord tissue.

Quality and safety are the top priorities of Vita 34. About 150 employees from the divisions of quality assurance, distribution, marketing, administration, and laboratory are responsible for your safety at the highest level.

As measured by applications in clinical treatment attempts and studies, Vita 34 is the most experienced private stem cell bank in Europe.

Vita means life. The number 34 stands for the cell-surface molecule CD34, which characterizes hematopoietic stem cells. The name Vita 34 reflects the company's vision of protecting life by storing stem cells.

More than 215,000* customers from Germany and 20 other countries already provided for their children's health by means of a Vita 34 stem cell deposit.

CHOOSE VITA 34 AND GET FIRST-CLASS SERVICES

• Comprehensive licenses

Vita 34 owns comprehensive official licenses regarding the release of umbilical cord blood. Depending on which product you choose, the deposit can be applied to your child, its siblings, and for donation.

• Detailed anamnesis and evaluation

Vita 34 assumes the careful recording and evaluation of the medical history of your family as required by the health authorities. This is done by our medical staff and is intended for your safety in case of application.

• Collection of stem cells by trained personnel

Vita 34 makes sure that your birthing clinic complies with the requirements of pharmaceutical law regarding the collection of stem cells from umbilical cord blood and trains midwives and physicians on location.

• Transport by special courier on 365 days a year

Vita 34 guarantees the transportation of umbilical cord blood and tissue to the Vita 34 laboratory on every day of the year without any exception.

• Processing in clean room (GMP standard)

The umbilical cord blood and tissue is processed at the Vita 34 safety laboratory according to GMP standard (GMP: Good Manufacturing Practice – the highest quality standard for pharmaceutical manufacturers). This includes also comprehensive quality tests in line with official specifications.



• Preservation

Vita 34 provides for the computer-controlled cryo-preservation in freezing bags developed particularly for this purpose. Your stem cell deposit will be stored at approximately minus 180 degrees Celsius.

• Reliable long-term storage

Vita 34 guarantees the reliable long-term storage so that the stem cells are available, when needed, in the best quality even after years, complying with all quality standards and safety requirements in line with the strict official specifications.

• Storage of whole blood in view of future possibilities

Vita 34 intentionally opts for the storage of whole blood, because separating the stem cells from the blood prior to the storage may cause the loss of valuable cells.

• Help for sick brothers and sisters

Since 2002, Vita 34 has been supporting the option of siblings most probably helping each other with their umbilical cord blood through the "sibling initiative". For instance, in case of leukemia, doctors rather apply the stem cells of healthy siblings than the patient's own. Vita 34 therefore stores the cord blood of a healthy newborn for five years at no extra charge, if (according to the doctor's certificate) it may be used to treat a sick brother or sister. Cord blood stored with Vita 34 has been used for siblings several times already.

FAQS ON HOW TO SET UP A STEM CELL DEPOSIT

1

HOW EXACTLY ARE STEM CELLS FROM THE UMBILICAL CORD COLLECTED?

Medical staff was trained by Vita 34 in the successful collection in almost all German and Austrian maternity clinics: After the umbilical cord was cut, the cord blood is collected in a blood bag, the umbilical cord is cut at the placenta and placed in a special container. Both are then packed into the temperature-controlled Vita 34 collection package and the necessary reports and documents enclosed. Special couriers transport the valuable freight within 48 hours directly to the Vita 34 laboratory. Cord blood and tissue are stored exclusively in the Vita 34 tank store in Leipzig.

2

FOR HOW LONG CAN STEM CELLS BE STORED?

At a storage temperature of approximately minus 180 degrees Celsius, they can be stored for many decades. They do not age, when cryo-preserved, and keep their vital properties.

The storage life of stem cells is presumed to be unlimited. The reason is that the metabolic processes inside the cell stand still almost completely at temperatures of below minus 130 degrees Celsius. Scientists of the FraunhoferInstitute for Biomedical Technology even assume that stem cells from correctly stored cord blood can be stored for centuries.

3

WHAT HAPPENS WHEN MY CHILD NEEDS ITS OWN STEM CELLS?

As agreed with the doctor in attendance, the transport of the cord blood to the place of the transplantation is prepared. Vita 34 has two mobile stem cell teams available for this purpose. Experienced lab technicians together with the courier will transport the deep-frozen cord blood in a special container to the clinic and prepare its application.

4

WERE STEM CELLS FROM UMBILICAL CORD BLOOD APPLIED ALREADY?

More than about 4.5 million cord blood preparations worldwide have been prepared for long-term storage upon the parents' private initiative so far. Over 1,500 cord blood products have been released for treatment already: over 100 in Europe, 30 of those were preparations stored with Vita 34. Cancer and metabolic disorders or brain injuries, for instance, are treated.

5

WHEN SHOULD I HAVE DECIDED THAT I WANT TO STORE THE STEM CELLS?

You should have decided that you want to set up a stem cell deposit when the last pregnancy trimester begins. We recommend concluding the contract ten weeks before the birth at the latest in order to organize the necessary things in time beforehand. Should you decide on even shorter notice, please contact our customer service immediately.

6

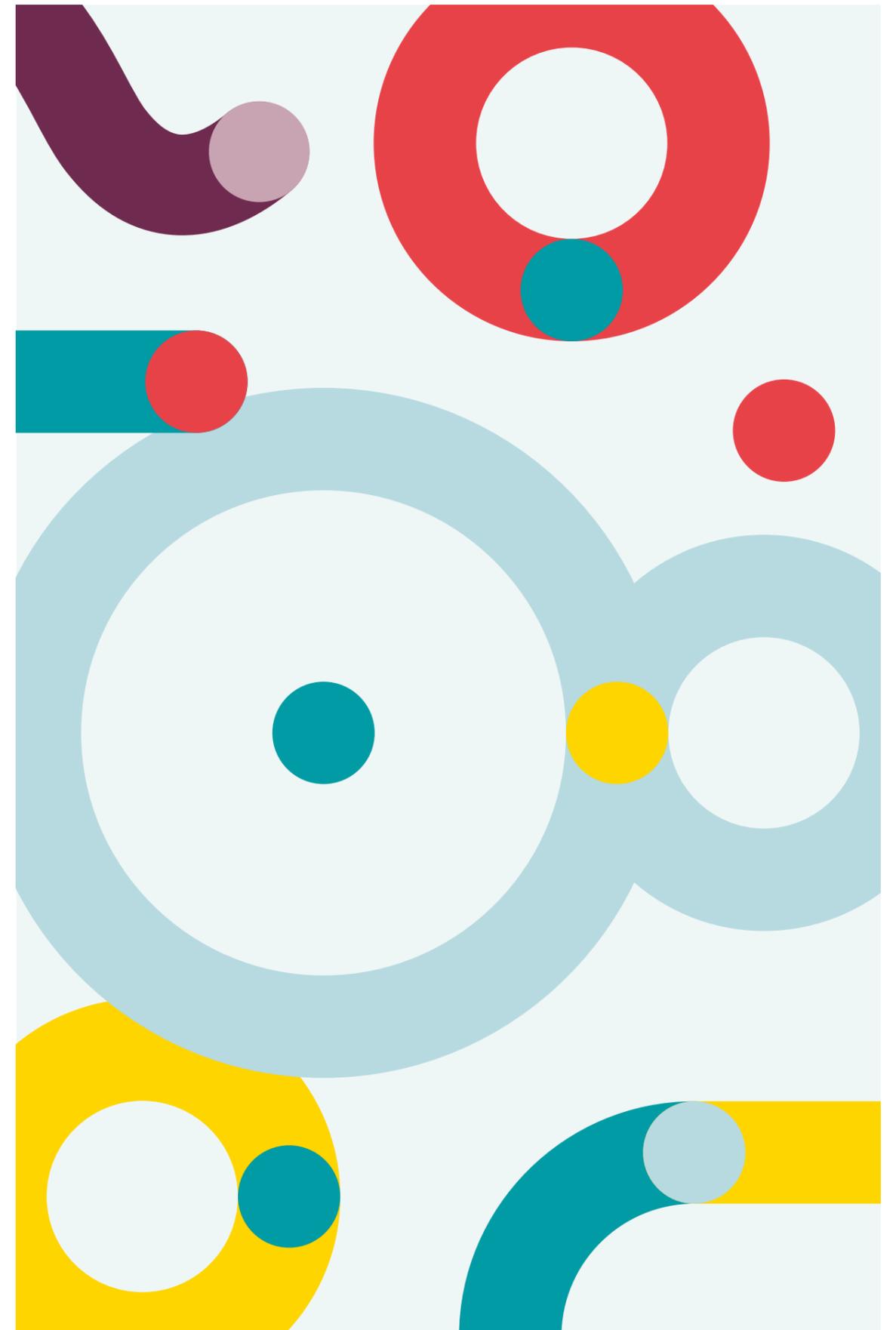
CAN PARENTS AND SIBLINGS BENEFIT FROM THE STEM CELLS?

In general, yes. The key is that the tissue characteristics have to correspond, as this prevents dangerous rejections after transplantation. The probability that the umbilical cord blood matches the parents unfortunately is only about one percent. There is a probability of 25 percent for siblings that the tissue characteristics match and the cord blood therapy is possible. Stem cells from umbilical cord tissue have the special property of influencing the immune system, which is another advantage regarding the potential use of the preparation within the family. Their use in the treatment of certain diseases not only of siblings, but also parents and even grandparents, is certainly possible.

7

WHY SHOULD MY CHILD'S HEALTHCARE BE WORTH THIS SPECIAL INVESTMENT?

To offer you a top quality product and the greatest possible safety, we work exclusively according to the highest quality standards. You are provided with the comprehensive complete service by the most experienced and largest provider of the storage of stem cells in the German-speaking countries. Your investment enables us to work economically in the long term. Because your child should rely on us even in 50 years.



The logo for VITA34, featuring the word "VITA34" in a bold, sans-serif font. The letter "i" is lowercase and has a red dot above it. The background of the entire page is a light blue-grey color with large, overlapping, semi-transparent circles in yellow, teal, purple, and red.

PRODUCTS, SERVICES AND PRICES

Find the best and most suitable offer for your needs.

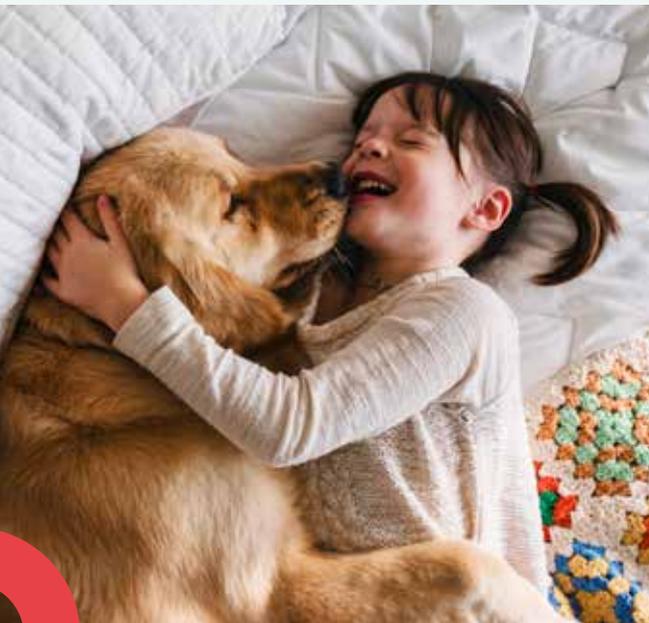
SERVICES YOU CAN RELY ON

Unlimited contract duration

All contract variants have an unlimited duration. You and your child can decide for how long you want to store the stem cell deposit with Vita 34.

Guaranteed price of contract fee*

Choose one of the advance payment variants (25 or 50 years) and benefit from the unchanging annual fee over the entire period you paid for in advance.



Real insolvency insurance for 50 years*

This unique security provided by HDI Global SE is an integral part of our services. In case of an insolvency, such insurance makes sure that your child's stem cell preparations will be stored professionally until the 50th birthday.

Loyalty bonus for another stem cell deposit

When you set up a stem cell deposit for another child, you will be granted a discount of 150 Euro minimum.

Special conditions for multiple births*

For you to set up stem cell deposits for each of the babies in multiple births, we will accommodate you with a considerable bonus. In case of twin births, you will be granted a discount of 50 percent (plus the annual fee) for the second child, and we will bear the full contract fee for the third child in case of triplet births, so that you pay only the annual fee.

Family support*

If the umbilical cord blood is applied within the scope of a cancer therapy in the first 20 years of your child's life, Vita 34 will grant you a one-time payment of 7,000 Euro. You can use the money irrespective of the therapy costs covered by your health insurance.

Transport of the umbilical cord blood to the treatment center

If your child's cord blood stem cells are applied, Vita 34 assumes the professional preparation and retesting of the cord blood unit. The mobile stem cell team of Vita 34 transports the cryo-preserved umbilical cord blood in a special container to the treatment center at no extra charge within Germany and Austria.

Transport of umbilical cord tissue to the treatment center*

If the application of stem cells from umbilical cord tissue is planned, Vita 34 will help you with the organization and transportation to the therapy institution. The stored stem cells from umbilical cord tissue are not ready to apply immediately. Comprehensive processes are necessary to prepare the cells, the costs of which depend on the type of application, the processing method, and the required quantity of cells.

*Not included in VitaPur.

BASIS PRODUCTS

By choosing one of our basic products **VitaPlus** and **VitaPlusCord**, you decide whether you want to store stem cells from umbilical cord blood or also stem cells from umbilical cord tissue. Our new product VitaPur helps you to secure the stem cells from your child's umbilical cord blood on favourable introductory terms.

VitaPlus



Stem cells from umbilical cord blood are very young, vital, and very able to divide. They are usually free of pathogenic agents and mostly unpolluted. Take this unique chance when your child is born and secure the valuable stem cells by means of VitaPlus.

See page 10 to learn more about the advantages of these stem cells.

VitaPlusCord



By choosing VitaPlusCord, you secure the **stem cells from the umbilical cord tissue** in addition to the valuable stem cells from the umbilical cord blood. Right there, the concentration of mesenchymal stem cells (MSC) is particularly high. MSC have a great potential for differentiation and are therefore able to become different types of tissue.

See page 12 to learn more about the advantages of these stem cells.

VitaPur

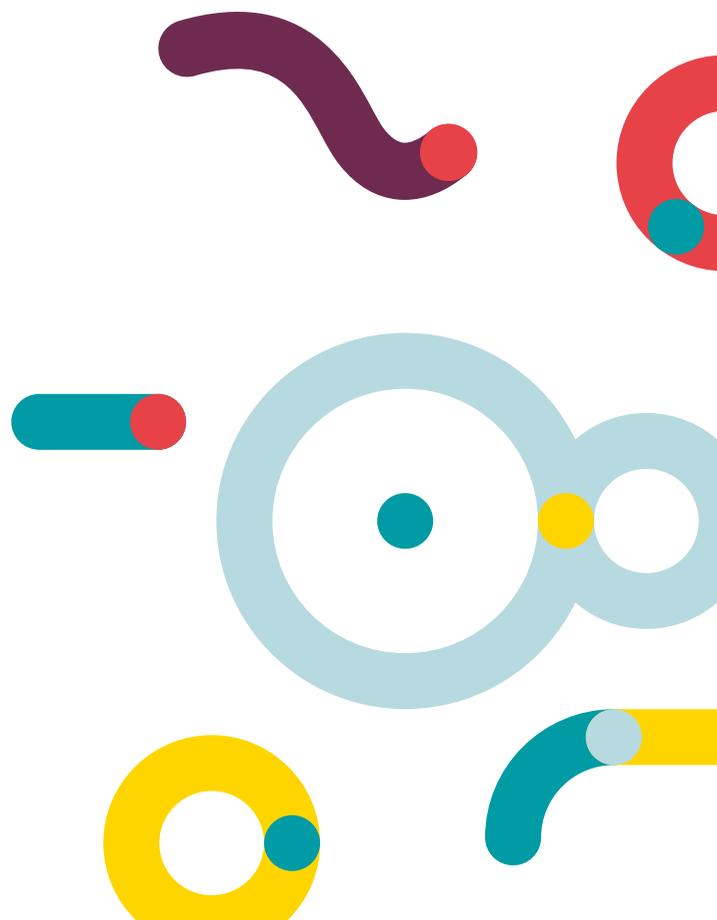
Opting for VitaPur helps you to secure the stem cells from the umbilical cord blood of your child, including all basic services offered by Vita 34, like e.g. the counseling service by our medical experts and all the necessary lab tests.

We developed a pricing model that enables every family to store the stem cells of their child at birth:

With VitaPur, we offer the special preventive health service at 990 Euro only. The annual fee amounts to 120 Euro. Moreover, you can do good with VitaPur: Combine the stem cell deposit of your child and the public donation to others.

With VitaPur, we offer the special preventive health service at 990 Euro only. The annual fee amounts to 120 Euro. Moreover, you can do good with VitaPur: Combine the stem cell deposit of your child and the public donation to others.

www.vita34.de



DONATION OPTIONS

Vita 34 is the first stem cell bank to offer the possibility of combining your own stem cell deposit with a public donation. **VitaMine&Yours** and **VitaPlusDonation** are the two options available for this purpose. Both donation options do not involve any extra charges for you. Vita 34 will bear the additional costs for providing the donation.

VitaMine&Yours

Vita 34 can divide the umbilical cord blood collected at birth into **two fully-fledged stem cell deposits**, if the quantity is sufficient. One deposit is available to the child in case of need for medical treatment. This share of your child's umbilical cord blood intended for personal use remains with Vita 34 and available for individual health care. The second deposit is provided for public donation and released by Vita 34 on request. Thus, the valuable stem cells from the umbilical cord benefit your child and others.

VitaPlusDonation

If you opt for the product **VitaPlusDonation**, the stem cells from your child's umbilical cord are made available for public donation completely. If a suitable recipient needs these stem cells, the doctor in attendance will ask you via Vita 34. We release the umbilical cord blood for treatment only when you give your consent. Vita 34 will reimburse the fees paid so far for VitaPlusDonation plus interest. The stem cell deposit is then not available anymore for your child's healthcare.

ADDITIONAL PRODUCT

By opting for our optional **preventive screening** product to test your child's blood for health risks, you take an additional healthcare precaution for your child.

Preventive Screening Test

Even little children may suffer from intolerances, for instance to cereal flour or lactose. Our preventive screening test finds out whether your child is part of the risk group. If this is the case, the pediatrician may give suitable dietary tips and recommend precautionary measures. The preventive screening tests include DNA testing for various intolerance conditions:

- Drug-induced hearing loss (antibiotics intolerance)
- AAT deficiency (dysfunction of immune system)
- Hereditary fructose malabsorption
- Lactose (milk sugar) intolerance
- Gluten (cereal flour) intolerance

PRODUCT OVERVIEW AND PRICES

FINANCING
— AS OF —
33 €
MONTHLY¹



Cord blood



Cord blood & Cord tissue



VitaPur

Low introductory price for the deposit of stem cells from umbilical cord blood

all basic services included

one-time

990.00 €

plus annual fee of 120.00 €³
(as of storage)



VitaPlus

Flexible storage of umbilical cord blood

all basic services and additional services included

one-time

1,990.00 €

plus annual fee of 60.00 €
(as of storage)



VitaPlusCord

Flexible storage of umbilical cord blood and tissue

all basic services and additional services included

one-time

2,490.00 €

plus annual fee of 90.00 €
(as of storage)

When you opt for **VitaPlus** or **VitaPlusCord**, you can save up to 1,995 Euros by **paying in advance** for **25** or **50** years. All advance payment contracts have an unlimited term, so that the contract persists even after the duration paid for in advance and can be terminated at any time.



VitaPlus25

Payment in advance for 25 years of preventive health care

Save 795.00 €²

Basic services, all additional services includes

one-time

2,695.00 €

plus annual fee of 60.00 €
(as of age 26)



VitaPlusCord25

Payment in advance for 25 years of preventive health care

Save 1,245.00 €²

Basic services, all additional services includes

one-time

3,495.00 €

plus annual fee of 90.00 €
(as of age 26)

DO YOU HAVE ANY
QUESTIONS?
GIVE US A CALL!



0800
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00800
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AUSTRIA



VitaPlus50

Payment in advance for 50 years of preventive health care

Save 1,295.00 €²

Basic services, all additional services includes

one-time

3,695.00 €

plus annual fee of 60.00 €
(as of age 51)



VitaPlusCord50

Payment in advance for 25 years of preventive health care

Save 1,995.00 €²

Basic services, all additional services includes

one-time

4,995.00 €

plus annual fee of 90.00 €
(as of age 51)

¹ Financing example VitaPlus: 60-month term via TEBA-Kreditbank. Further financing examples can be found on the Internet at www.vita34.com/offer/financing/.

² Saving compared to annual mode of payment for "VitaPlus" or "VitaPlusCord"

³ Minimum contract period 10 years.

WE ACCOMPANY YOU!



1

BEFORE THE BIRTH

You order our free guidebook for parents-to-be and learn more about the subject of stem cells from the umbilical cord.

You are advised professionally by experts at no extra charge by calling 0800 034 0000 or writing to kundenservice@vita34.de in Germany; in Austria: 00800 034 00 000, kundenservice@vita34.at.

You assign us by telephone or online at www.vita34.de/bestellung to store the umbilical cord blood and umbilical cord tissue. You can also complete the order form enclosed to the guidebook for parents and send it by mail or fax to Vita 34.

After the contract on the storage of stem cells was concluded, you will be sent the medical history form and the declaration of consent. Complete both, sign them and return them together with a copy of the maternity card or the pregnancy passport to Vita 34.

Vita 34 sends you the collection kit and with separate post the invoice of the down payment at the amount of 195 Euro.

Vita 34 informs the clinic that umbilical cord blood and, if applicable, umbilical cord tissue are to be collected.

2

BIRTH

You take the collection kit with you to the clinic.

After the umbilical cord was cut, the umbilical cord blood and, if applicable, the umbilical cord is collected professionally.

3

AFTER THE BIRTH

The clinic informs the courier. The courier transports the blood, which is rich in stem cells, and the tissue, if collected, to the Vita 34 laboratory.

Vita 34 cryo-preserves the cord blood and, if collected, tissue.

Vita 34 sends you the storage certificate, the invoice, and the follow-up anamnesis form.

You complete the follow-up anamnesis form and return it to Vita 34.

Vita 34 does comprehensive quality tests of the stored preparations and informs you about the results.



0800 034 00 00

Germany | free of charge

00800 034 00 000

Austria | free of charge

Vita 34 AG

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VITA34

