

# HAIR STEM CELL TRANSPLANTATION

Everything you need to know



HAIR SCIENCE CLINIC

THE WORLD LEADER IN HAIR TRANSPLANTATION

ENJOY A NATURAL  
**HEAD OF HAIR**  
AGAIN!



# WELCOME TO THE HAIR SCIENCE CLINIC

We understand like no other that undergoing a hair transplantation seems like a very invasive experience. But there is no need to worry: thousands of men, women, and children across the world have received this treatment at the Hair Science Clinic and couldn't be happier with the results.

When you choose Hair Stem Cell Transplantation (HST), you are choosing the most sophisticated technique available. You also choose the very best result. Do you want only the best of the best for your transplantation?

*This is it.*





# HAIR SCIENCE CLINIC

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## 11 Amazing Facts

- 1 Everyone deserves to have beautiful hair
- 2 Dr Coen Gho, driven by passion
- 3 Hair Science Institute, driven by knowledge
- 4 The miracle of hair stem cell transplantation
- 5 The treatment
- 6 Is the treatment painful?
- 7 Are the results permanent?
- 8 Feel at home in our clinic
- 9 You're worth it!
- 10 The best of the best
- 11 All over the world

EVERYONE DESERVES TO  
HAVE BEAUTIFUL HAIR

1



Do you dream about once again having a beautiful, full, natural head of hair? Hair Stem Cell Transplantation (HST) can make this dream a reality. HST is a patented, revolutionary hair transplantation method based on decades of hair stem cell research. HST is perfect for anyone who wants to feel good with a beautiful, full head of hair: men, women, young, or old.

If you are looking for the best possible hair transplantation, HST has been proven to be more effective than any other technique and leaves you with a natural-looking result that lasts a lifetime.

*Enjoy a natural head of hair - again.*



DR COEN GHO

Driven by passion

2





The driving force behind the Hair Science Clinic is Dr Coen Gho. His commitment to improving the lives of patients and inherent passion for science formed the foundation for the development of the hair stem cell transplantation technique.

When Gho was working with young burn patients in his early years as a doctor and researcher, he saw that hair transplantations were painful treatments that often left large scars. He believed that this needed to change.

Gho realized that the key to making a difference could be found in hair stem cells. He managed to secure funding for stem cell research from several large companies who believed that the young, inspired doctor could make a change. This led to years of intense research, which resulted in a groundbreaking medium that stimulates tissue to renew its cells. This was a tremendous breakthrough in his research and an important basis for the later hair stem cell transplantation. As inventor and developer, Gho obtained the patent for this medium.



His drive to improve hair transplantation techniques only increased. Driven by his research, Gho wanted to make his dream come true: being able - in the future - to make from one hair a thousand hairs. To do so, he approached Professor dr. H.A.M. Neumann, an international authority in the fields of dermatology, phlebology, and oncology. He was sceptical about Gho's ideas but took him under his wing to conduct the research.

Based on his research he developed his patented Partial Longitudinal Follicular Unit Transplantation (PL-FUT) technique, with the simpler name Hair Stem Cell Transplantation (HST).

Doctor and researcher Dr Coen Gho has been conducting research together with universities and academic hospitals across the world and is affiliated to the International Society of Burn Injuries (ISBI).



Gho also works together with the Red Cross Hospital Burns Centre Beverwijk and the European Tissue Repair Society. He developed various new therapies and treatment methods for hair and scalp conditions and burns.

With a never-ending drive and his vast expertise in hair, stem cells, and tissue engineering, he works tirelessly to refine the HST technique and make treatments even more patient-friendly.

**Dr. Coen Gho**  
*Doctor and researcher*



# HAIR SCIENCE INSTITUTE

Driven by knowledge

# 3



The Hair Science Clinic is driven by improvement and innovation. Our own R&D department and Hair Science Academy, together with the clinics, form the Hair Science Institute. We are the only hair transplantation clinic in the world to have own facilities for research and education. Clients of the Hair Science Clinic directly benefit from the expertise and innovations developed in our research institutes.

Our R&D department is continuously working on perfecting our patented HST technique, structurally improving the instruments and efficiency of the medical treatments. In addition we want to work in the most client-friendly and cost effective way possible. To achieve this, we are an active partner in scientific research and clinical studies conducted by universities and academic hospitals across the world.

The purpose of the Hair Science Academy is to train excellent medical staff in the hair-care sector via customized educational programmes. Doctors and nursing staff are intensively trained in the HST method in a sophisticated theoretical and practical program.

# THE MIRACLE OF HAIR STEM CELLS

## Hair Stem Cell Transplantation

## Receptor area



Only a small  
part of the  
hair follicle is  
harvested

The patented  
preservation  
solution  
stimulates the  
harvested grafts

We place the  
grafts closely  
together

New hair grows  
in the receptor  
area

## Donor area



Hair also regrows  
in the donor area



HST uses the power of nature by drawing on the capacity for regeneration of human stem cells. What is unique about this innovative technique is that only a small part of the hair follicle, instead of the entire follicle, is harvested from the donor area. This tiny little piece of tissue contains enough stem cells to grow new hair in the receptor area.

This is a small miracle: this regenerative capacity can result in multiple hairs from one single graft (hair follicle). The new grafts (hair follicles) are placed closely together, which creates high hair density and a beautiful, natural-looking hairline. A special, patented preservation solution stimulates growth and increases the viability of the grafts by giving them an extra boost. This integrated approach is the basis of our sophisticated hair transplantation method which promotes the growth of hair in the receptor area and donor area.



# THE DAY OF TREATMENT

5





A Hair Stem Cell Transplantation usually takes place in one day of treatment. Your day will look something like this: We start by taking photographs and anaesthetizing the area to be treated. Then follows the harvesting of the grafts. You won't feel anything, all we ask is your patience. You remain mobile all day long and will not be under the influence of any sedatives. So, you can still make a phone call or stretch your legs. The doctor will then mark the receptor area after which we provide you with a lunch of your choice.

In the afternoon, after applying the anaesthetic, the doctor prepares the receptor area, after which the technician applies the grafts to their new location. Once the treatment has been completed, the doctor will do a complete check-up and we take a few more photographs. You will be given instructions and everything you need for the aftercare.

The contact moments are set at one day, one week, and one month after treatment to see how you are doing. You can always contact the specialists of the Hair Science Clinic in between these contact moments.

IS THE TREATMENT  
PAINFUL?

6



HST is a safe medical-cosmetic treatment that causes little to no discomfort. Our treatments barely leave any scars and the scalp generally recovers quickly. The treatment is performed under a local anaesthetic and you won't feel a thing during the procedure. You can immediately go home afterwards.

Your skin will recover within a few days after the procedure. We also give you tips and advice to ensure optimal recovery and the best final result. If you are in doubt about the progress of your recovery or are suffering from side effects, you can contact the specialists at the Hair Science Clinic.

*We are here if you need us.*



ARE THE RESULTS  
PERMANENT?

7



The results of an HST are permanent. The transplanted hair follicles continue to produce hair for the rest of your life. It is the most effective treatment for making hair more dense and giving it more volume. The harvested grafts are ultra-small to ensure a high-density and natural-looking implant. The results are not immediately visible but take some time to develop.

The implanted hair follicles need time to recover and this differs from person to person. The transplanted hair follicles start to grow new hairs three to four months after the treatment. The final result of the hair implants is visible between nine to twelve months on average.



FEEL AT HOME IN  
OUR CLINIC

8



The Hair Science Clinics operate at the highest medical standards. Here you can always count on the best possible expertise and professionalism. But we also want to make you feel at home and able to relax. That is why we do our very best to make you feel comfortable. From your first appointment right through to your final check-up, we make sure that you have everything you need and more.

During the treatment, you are in the care of our dedicated specialists. They are supported by an experienced team that arranges everything else: a lovely lunch, a wonderful four-star hotel, taxi services, relaxation, and anything you need to make your treatment a pleasant experience.

You'll leave our clinic feeling happy and content.



YOU'RE WORTH IT!

9





An HST treatment is an investment in yourself. It helps you to feel good about the way you look and allows you to feel comfortable in your own skin once again. Feeling this way is priceless. A Hair Stem Cell Transplantation is a state-of-the-art procedure: a scientifically proven treatment performed by leading specialists, providing you with a result that lasts a lifetime.

The costs of this treatment are mainly determined by the number of grafts that are transplanted. If your baldness is the result of an illness, accident, or burn injuries, it is possible that (part of) the costs will be covered by your health insurance. We will be happy to inform you further about this. Whatever your situation might be, we will always give you a clear quote prior to the procedure showing a 100% transparent calculation of the costs.



THE BEST OF THE BEST

10



HST is the best hair transplantation technique currently available. It offers the best results, has been proven to be effective, and has an unshakable scientific foundation. The biggest advantages of this patented method are that it leaves minimal scarring, creates a high hair density, and creates a natural-looking result.

HST removes less than other techniques, leaving more hair tissue behind in the donor area. An additional feature of this technique is the use of a unique preservation solution that gives the new grafts an extra boost. This patented method is performed exclusively in official Hair Science Clinics by specially trained doctors and technicians. Are you looking for the very best technique for your hair transplantation?

*This is it!*



ALL OVER THE WORLD

11



The Hair Science Clinic is a renowned research and treatment institute. Since opening our first clinic in 2005, we have performed thousands of medical treatments. An internationally operating medical team headed by Dr Coen Gho continues to work tirelessly on optimizing the HST technique.

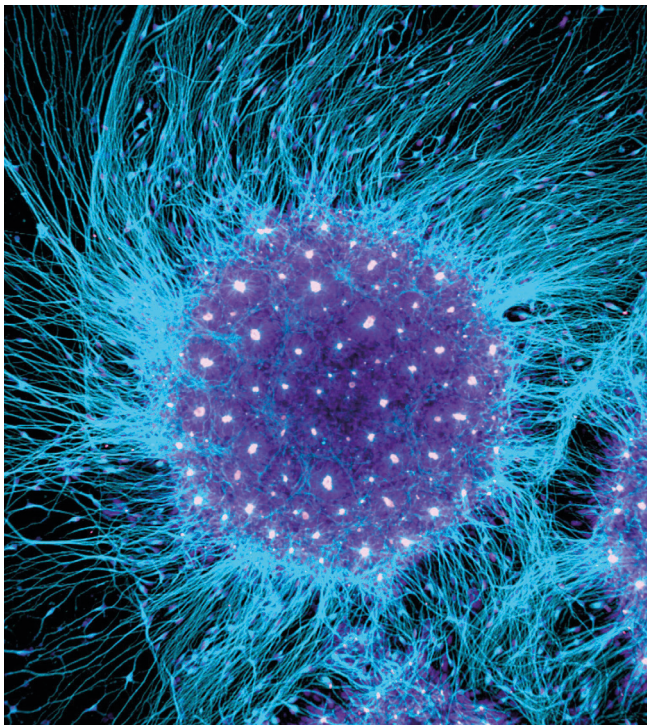
Our Hair Science Clinics are located in Maastricht, Amsterdam, Düsseldorf, Londen, Parijs, Cap d'Antibes, Milaan, Dubai, Hong Kong, Jakarta en Bali. These clinics employ HSI trained and certified doctors and technicians from the region, who speak their clients' language. HSI will soon be opening more clinics in countries within and outside of Europe. Every doctor, technician, and nurse affiliated with Hair Science Clinic is registered in the BIG register for individual healthcare professions, which guarantees the expertise of registered professionals in the Netherlands.







*The happier  
you are,  
the more beautiful  
you become.*



## HAIR SCIENCE CLINIC

Amsterdam | Maastricht | Düsseldorf | London | Paris  
Cap d'Antibes | Milan | Dubai | Hong Kong | Jakarta | Bali

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