

HaarJournal

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Miracle hair multiplication?

You have thinning hair or are balding. But then you suddenly start sprouting new hair from your existing hair. Exactly where you want them. No, it's not a miracle: it's the unique hair multiplication method using hair stem cell transplantation (HST), HaarStamcel Transplantatie® by the Hair Science Institute.

HST is the result of years of research by doctor/researcher Coen Gho. With HST, you don't need to worry about a painful operation involving surgical incision and subsequent scars. It's a simple treatment: fast, painless, without scarring and with guaranteed success. And the result looks completely natural: you can even determine the growth direction of your new hairs. And unlike conventional cutting and laser methods, the donor hairs regrow. HST is suitable for both men and women, both young and old. Not just for scalp hair, HST is the only treatment to offer potential for eyebrow, moustache or beard growth. So whether you're looking for hair transplantation for aesthetic reasons or cosmetic reasons (to hide scarring, for example), HST is the method that you and many others have been waiting for.

HairJournal offers you extensive information on the unique advantages offered by HST and what makes it different from conventional techniques. For more information or a non-obligational consultation, contact our clinic in Amsterdam **+31 (0)20-575 23 30** or Maastricht **+31 (0)43-601 81 01**, or visit us at www.hasci.com.





Coen Gho: spiritual father of HST hair stem cell transplantation

Dr. Coen Gho is a doctor and researcher of the highest calibre. After completing his medical studies, he specialised in diseases of the scalp. Over the past 15 years, in close collaboration with universities and teaching hospitals, he has developed a number of new treatment methods for scalp conditions and burn injuries. His most recent and patented method is HaarStamcel Transplantatie® (HST).

This revolutionary hair growth method, which has already been used on hundreds of clients, is being heralded internationally as a new breakthrough. For the past three years, this technique has been used exclusively at the Hair Science Institute's clinics in Amsterdam, Maastricht and London. "Millions of men and women experience unwanted baldness as a serious problem," explains Dr. Gho. "Baldness can occur due to a number of different causes: heredity, stress, pharmaceuticals, or scarring from injuries such as burns. Whatever the

cause, undesired baldness is a psychological burden and social impediment for countless people both young and old. It is not without cause that scientists the world over have been seeking successful hair transplantation techniques for generations. But until now, the conventional cutting and laser methods were the only techniques available. Unfortunately, the results they produce can hardly be called natural, and the man or woman is left with an unsightly scar in the donor area. This makes those techniques far from ideal!"

How would you describe, in a nutshell, the difference between HST and conventional techniques?

"Conventional techniques just move hair, so whatever hair you gain in one place is hair you lose from somewhere else. HST is more analogous to budding and replanting new plants. By taking only some of the hair stem cells away, the donor hair grows back where it was. So what we are talking about is really growing new hair."

The donor area: regrowth of the donor hairs

What makes HST unique is not only that you can have hair grow back in the place(s) you want it. The most revolutionary aspect is that the donor area is not damaged - no scarring and no hair loss in the donor area.

The most salient difference between the HST method and traditional hair transplant techniques is that in HST, only a tiny part of the hair follicle is removed. Since the majority of the follicle remains behind in the donor area, it will continue to produce new hair, and the donor area remains available for future treatments. This means the technique is not so much a hair transplant method, but one of **hair multiplication**.

Thanks to the specialised instruments used, it is actually impossible to take too much of the hair follicle. These tools allow us to retain the hair follicles in the donor area, prevent scarring and ensure that no visible loss of hair density occurs in the donor area. This also allows us to guarantee that for the most part, the hairs in the donor area will grow back.



← Donor area before treatment.



← Donor area immediately after treatment.



← Donor area one week after treatment. Regrowth of the hairs.



← Donor area three months after treatment. Full regrowth of the hairs.

Detailed snapshots of donor area:



↑ No regrowth with the Follicle Unit Extraction method.



↑ Full regrowth with HaarStamcel Transplantatie®.



↑ Prior to treatment



↑ 6 months after treatment



↑ Prior to treatment



↑ 12 months after treatment



↑ Prior to treatment



↑ 9 months after treatment



↑ Burn injury treatment: eyebrow prior to treatment



↑ Burn injury treatment: eyebrow after treatment



↑ Burn injury treatment: eyebrow prior to treatment



↑ Burn injury treatment: eyebrow after treatment



↑ Prior to treatment



↑ Immediately after treatment



↑ 6 months after treatment

The unique potential of HST

The only wounds caused by the HST method are miniscule, and heal fully within two days leaving no scarring. Thanks to this very fine technique, HST is the only method suitable for treating facial areas, specifically the eyebrows, moustache and/or beard. Reasons for performing such treatment may be very diverse. One frequently cited reason is the presence of disfiguring scar tissue due to burn injuries, surgery, etc. A moustache and/or beard may be desired to mask scar tissue resulting from acne, harelip, or the like, or may be desired by transgendered patients to make the change of gender as outwardly clear as possible. But too-frequent hair removal can also ultimately lead to a cessation of hair growth in places such as the eyebrows.



← Amsterdam

Hair Science Institute: the institute

Hair Science Institute (HSI) is an institute for advanced hair transplantation and hair multiplication, with clinics in Amsterdam, Maastricht and London. Dr. Coen Gho heads the medical side of both the clinics and the Research & Development division of HSI. Dr. Gho developed the HaarStamcel Transplantatie® (HST) technique after years of research. This method has been patented by HSI, and HSI is the only organisation authorised to perform it. The technique involved in HST is not so much one of hair transplantation, but **hair multiplication**. HSI has two equally important divisions:

Hair Science Institute – Research & Development

This division is specifically focused on the development of new methods of hair restoration and the ongoing development and improvement of the HST method. Within this division of Hair Science Institute, the revolutionary HaarStamcel Transplantatie® technique is in a continuing state of development. Efficiency, instruments and consistency are always being improved.

Hair Science Institute – Clinics The clinics of Hair Science Institute offer the very highest in hair transplantation quality. In our clinics, we use specially developed medical instruments. All medical personnel are specialised and have completed an extensive internal course of training in the technique led by Dr. Gho.

A full educational programme for doctors and nursing staff is in place. After successful completion of the program, the doctor or nursing professional is certified for the performance of the HaarStamcel Transplantatie® technique. Of course, all medical personnel are registered with BIG (the register for individual healthcare practitioners maintained by the Ministry of Health, Welfare and Sport). The clinics are monitored by the Public Health Inspectorate on an ongoing basis.

Philosophy At Hair Science Institute, one of our philosophies is that we treat our clients the way we would like to be treated ourselves. To achieve this, and to attain absolute quality in medical procedures with an emphasis on ensuring continuing improvements in the technique, we work with medical protocols and standard procedures.

We consider it our personal obligation to ensure that Hair Science Institute and the treating doctors and technicians do everything possible to satisfy the client. Every client has different expectations concerning the result of a treatment. During the intake, one of our doctors will offer a realistic picture of the results that can be expected. The same doctor will also be responsible for the treatment. We do not work with commercial or any other consultants. Our philosophy is not to promise unattainable results but to set the client's expectations at a realistic level. We see it as our personal obligation to ensure an absolutely natural result.

↓ London



Don't be fooled by imitations



Unlike other hair transplant clinics, Hair Science Institute is developing the techniques of tomorrow today in its own R&D division. After long-term research and testing, the results are backed by scientific evidence and published in leading medical journals such as The British Journal of Dermatology. New developments are registered and patented.

Unlike other clinics, which base their treatments on conventional and, in many cases, outdated techniques, thanks to its permanent state of progress HSI is always using the latest, most advanced techniques.

The success of HST has led a number of clinics to suggest that they, too, have access to a similar technique. This is not true. Only HSI has the rights, the know-how and the technology to use the HaarStamcel Transplantatie® technique.



↑ On 31 August 2007, Hair Science Institute's second clinic was opened by Minister Maria van der Hoeven and Maastricht mayor Gerd Leers. The clinic was the product of a European cooperation between teaching hospitals and specialists. From left to right: Executive Director Jos Dohmen, Maastricht mayor Gerd Leers, Prof. Drs. Martino Neumann (Medical Advisory Board HSI) and Dr. Coen Gho, Head of R&D.



↑ Jos Dohmen is congratulated by Mayor Leers.



↑ Maastricht

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