

HAIR TRANSPLANT CENTRE MALAYSIA

BEST HAIR TRANSPLANT CENTRE



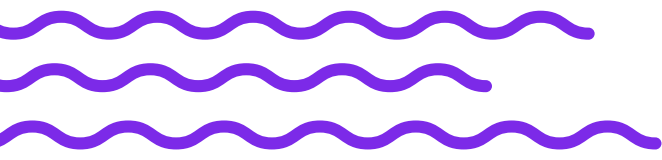
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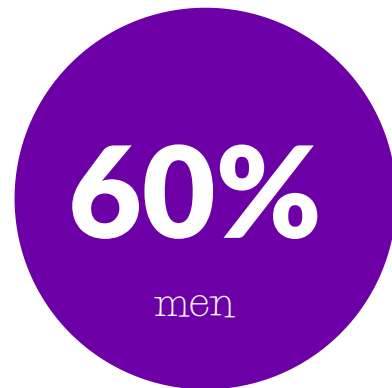
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*We, at Hair Transplant
Centre Malaysia take pride in being one of the best clinics to
give effective treatment for hair loss in Malaysia.*



Throughout the world, over 60% of men and 50% of women suffer from androgenetic alopecia and irreversible hair loss. This type of hair loss is a seminatural process, and medication can only temporarily inhibit it.



At the moment, the solution for either androgenetic alopecia or other irreversible hair loss problems is the hair transplantation. Besides androgenetic alopecia, the many irreversible hair losses are being applied successfully by hair transplantation.

Androgenetic alopecia

Other irreversible hair loss problems



LETS BEGIN TO UNDERSTAND ABOUT THE HAIR

THE HAIR SHAFT IS COMPRISED OF THREE LAYERS:

cuticle

cortex

medulla

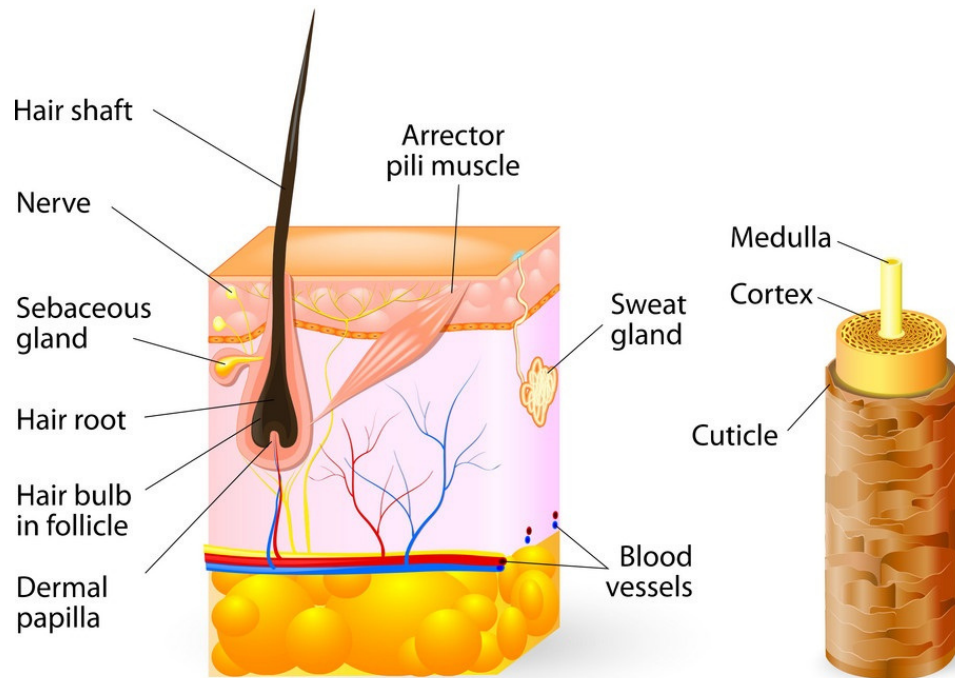
The middle structure includes the cortex which provides strength, color and texture of the hair. The innermost structure is the medulla layer which is only present in large thick hairs.

strength

color

texture

HAIR ANATOMY



OUR DOCTORS



Datuk Dr Inder
(DPSM)



Dr Kuladeva

HAIR GROWTH CYCLE



At any one time, about 90% of the hair on a person's scalp is growing.

Each follicle has its own life cycle that can be influenced by:

age

disease

other factors



THIS LIFE CYCLE IS DIVIDED INTO THREE PHASES:

HAIR GROWTH CYCLE

ANAGEN

Active hair growth that generally lasts between two to eight years

CATAGEN

Transitional hair growth that lasts two to three weeks

TELOGEN

Resting phase that lasts about two to three months; at the end of the resting phase the hair is shed and a new hair replaces it and the growing cycle starts again

A woman with thinning hair is shown from the back, wearing a white bathrobe. She is holding a silver hair dryer to her hair. The background is a solid grey color.

HAIR LOSS

The medical term for hair loss is alopecia. There may be associated scalp disease or scarring. Hair Loss can be localised or diffuse.

TYPES OF HAIR LOSS

There are many types of hair loss also called alopecia:

INVOLUTIONAL ALOPECIA

is a natural condition in which the hair gradually thins with age. More hair follicles go into the resting phase, and the remaining hairs become shorter and fewer in number.

ALOPECIA AREATA

often starts suddenly and causes patchy hair loss in children and young adults. This condition may result in complete baldness (alopecia totalis). But in about 90% of people with the condition, the hair returns within a few years.

ANDROGENIC ALOPECIA

is a genetic condition that can affect both men and women. Men with this condition, called male pattern baldness, can begin suffering hair loss as early as their teens or early 20s. It's characterized by a receding hairline and gradual disappearance of hair from the crown and frontal scalp. Women with this condition, called female pattern baldness, don't experience noticeable thinning until their 40s or later. Women experience a general thinning over the entire scalp, with the most extensive hair loss at the crown.

TYPES OF HAIR LOSS

There are many types of hair loss, also called alopecia:

ALOPECIA UNIVERSALIS

causes all body hair to fall out, including the eyebrows, eyelashes, and pubic hair.

TRICHOTILLOMANIA

seen most frequently in children, is a psychological disorder in which a person pulls out one's own hair.

TELOGEN EFFLUVIUM

is temporary hair thinning over the scalp that occurs because of changes in the growth cycle of hair. A large number of hairs enter the resting phase at the same time, causing hair shedding and subsequent thinning.

SCARRING ALOPECIA

Result in permanent loss of hair. Inflammatory skin conditions (cellulitis, folliculitis, acne), and other skin disorders (such as some forms of lupus and lichen planus) often result in scars that destroy the ability of the hair to regenerate. Hot combs and hair too tightly woven and pulled can also result in permanent hair loss.

Signs and symptoms of hair loss differ in men and women.



The signs and symptoms of hair loss in men may include the following:

A receding anterior hairline

Hair thinning at the crown area

Visibility of bald scalp

The Signs and symptoms of hair loss in women are as following:

Diffuse hair thinning over the entire scalp

Widening of central partition of hair

Thinning of the pony tail



CAUSES OF HAIR LOSS

In recent years, hair loss has progressively increased because of the use of various chemical agents, environmental conditions, drugs, and inorganic foods. Androgenetic alopecia affects nearly half of the women and men around the world. Hair loss at an early age can be quite traumatic, particularly among young men and women. Baldness can be also problematic in advanced ages, even over 50 years of age. If you're losing more than 100 hairs a day, check out some potential reasons below. Increased hair loss is where we begin to seek out medical help from a professional. Health conditions that can affect your hair loss include:

Alopecia

Alopecia could be the medical condition affecting your hair loss. The immune system attacks the hair follicles. Your hair could grow back without treatment, or it could not – it's very unpredictable.

Thyroid conditions

Hyper- or hypothyroidism can lead to hair loss. It's one of the more common hormone-related causes of hair loss. Usually, with treatment of the thyroid issues, the hair loss is reversed.

Lupus

The autoimmune disease could cause some damage to your hair follicles. Generally, patchy hair loss and lesions on the scalp are caused by lupus.

CAUSES OF HAIR LOSS (CONTINUE)

Hormones

Women go through a lot of hormonal changes in their life. Particularly during pregnancy, childbirth, and menopause. Hormonal imbalances can cause hair loss.

Medication

Heavy duty drugs take a toll on your body. The most excessive would be chemotherapy, but some other medications with side effects that can affect your hair include thyroid medications, some oral contraceptives, anticonvulsants, anticoagulants, and antidepressants. Of course, medications affect everyone differently and are not the guaranteed cause of hair loss, but it could be a contributor!

Lack of nutrition

Good food is good for you! Lacking important nutrients like zinc and iron are commonly linked to hair loss. It's also important to make sure you're eating whole foods with healthy fats, vitamins A to D, copper, selenium, and biotin to encourage healthy hair growth.

CAUSES OF HAIR LOSS (CONTINUE)

Stress

Stressssssss. It's stressful! All that stress can wreak havoc on your body, including your hair. Seemingly simple things like fevers can cause some hair loss. Of course, usually, stress is caused by more exhausting life events like childbirth, surgery, lifestyle changes, and more. Combat these issues with daily exercise, eating well, meditation or other stress management, and straight-up removing stressors from your life. Easier said than done, we know.



MALE PATTERN BALDNESS

Male Pattern Baldness is the most common form of hair loss in case of men. In this condition, the hair loss usually begins with a receding frontal hairline at both the corners in a U-shaped or M-shaped pattern. It can also begin from the vertex of the scalp. This condition is also called Androgenetic Alopecia. Male pattern hair loss is commonly observed in adult men. But, it can begin in the teenage years as well; becoming more significant with the increasing age.

STAGES OF HAIR LOSS IN MEN—NORWOOD'S CLASSIFICATION:

The Hamilton-Norwood Scale is a method of classifying male pattern baldness and ranges from stages I to 7.

In the first stage, the hair loss is somewhat unnoticeable, while the frontal hairline begins to decline in the second stage along with hair loss from the central portion of the scalp.

During the third stage, the hairline decreases significantly along with thinning of hair at the vertex or crown.

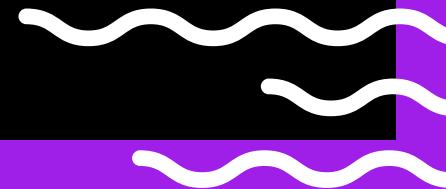
The hair thinning and baldness is visible in the fourth stage, particularly at the back of the head.

A bridge of fairly dense hair that differentiate the hair loss in the frontal area and the crown region is quite noticeable.

In the fifth stage, the bridge becomes even thinner.

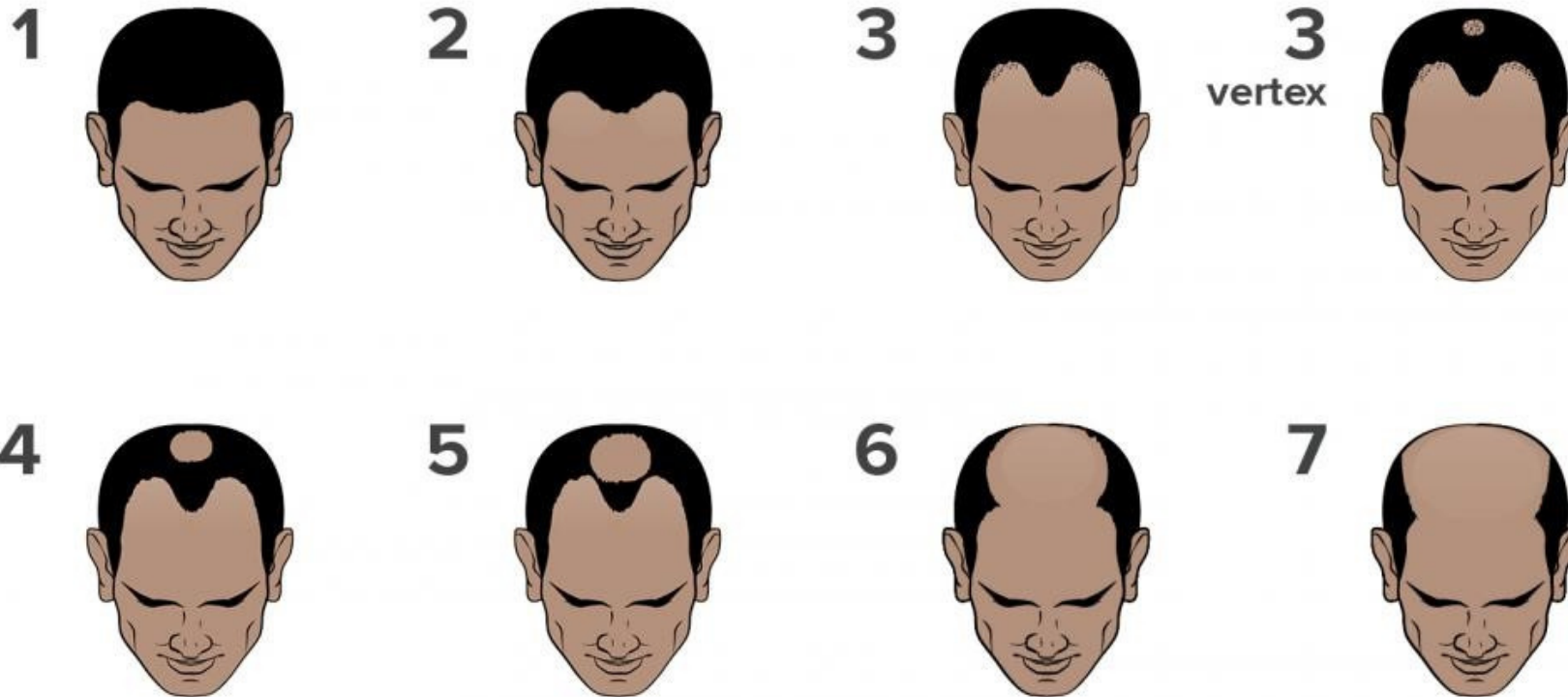
In the sixth stage, this bridge seems to be missing and the hair loss extends to the sides of the head.

Seventh stage is the most advanced stage of this pattern hair loss, when the top of the scalp is completely bald. We at HAIR TRANSPLANT CENTRE Malaysia provide the best treatment to restore the bald areas and give you a good coverage.



STAGES OF HAIR LOSS IN MEN—NORWOOD'S CLASSIFICATION:

Norwood Scale



Treatment for Male Pattern Baldness

Medications

The two FDA-approved medications that can be used to slow down or undo the hair loss in the early stages of pattern baldness are Minoxidil and Finasteride. Minoxidil (Rogaine) is applied directly to the scalp to stimulate the hair growth. Finasteride (Propecia) prevents the conversion of testosterone to dihydrotestosterone, and thus, is helpful in treating male pattern baldness. It is more effective in treating pattern hair loss at the vertex than that at the front of the head and temples.

Hair Transplant

This is the most effective treatment for pattern baldness in men. In this procedure, the hair follicles are plucked out from areas least affected by male pattern baldness (usually the back of the scalp) and transplanted on the bald regions. We, At Hair Transplant Centre Malaysia provide hair transplant surgery using the FUE technique only! This is because the FUE method, unlike FUT, does not leave a permanent scar behind.

Scalp Micropigmentation

In case you are not suitable for any hair restoration method, you can go for Scalp Micropigmentation. In this method, natural pigments are placed inside the epidermal of your scalp so as to give the look and feel of a shaved head.



FEMALE PATTERN BALDNESS



Female pattern baldness is the most common cause of hair loss in females. Almost every woman suffers from some degree of female pattern baldness, which can begin anytime with the arrival of puberty. But, women tend to notice it around menopause, when the hair loss typically increases.

In Female pattern baldness, women experience diffuse thinning of hair primarily on the top and crown of the scalp, along with a widening through the center hair part. However, the front hairline remains unaffected, apart from the normal recession, which happens to everyone with the passage of time. The thinning of hair, if not treated at the right time, spreads to the side areas of the scalp in the temples and above the ears. The hair loss rarely develops to partial or complete baldness in women. This condition is also termed as Androgenetic Alopecia.

Stages of Hair Loss In Females—Ludwig's Classification

THE LUDWIG SCALE IS A METHOD OF CLASSIFYING FEMALE PATTERN BALDNESS (ANDROGENIC ALOPECIA), AND RANGES FROM STAGES I TO III.



Stage I begins with thinning on the top of the head. In stage II the scalp starts to show. All of the hair at the crown of the head may be lost when the hair loss progresses to stage III.

Female pattern hair loss is different from male pattern hair loss. It has only 3 stages.

The first stage involves uniform thinning of hair, which is somewhat unnoticeable. During thesecond stage, nearly 50-70% of your hair would have undergone thinning and the scalp is easily visible. The hair loss is severe and the baldness is more noticeable in the third stage.

LUDWIG CLASSIFICATION FOR FEMALE PATTERN HAIRLOSS



1



2



3

Treatment for Female Pattern Baldness at Hair Transplant Centre Malaysia

In some cases, taking nutritional diet and treating the hormonal imbalance can help in preventing excessive hair fall. While for other cases, here are some of the effective treatments for hair loss:

Medication:

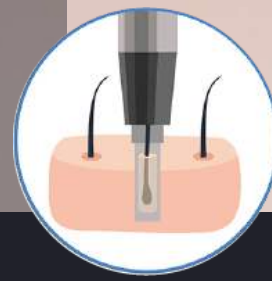
Minoxidil (Rogaine) is the only FDA-approved medication for women to boost hair growth and prevent hair fall by boosting the blood supply to the follicles.

PRP Therapy: In this procedure, Plasma is a naturally occurring substance found in your own blood that contains growth factors that promote cell growth. Enhanced plasma therapy as a non-surgical treatment option providing patients with thinning hair and hair the ability to improve their hair caliber and thickness.

Hair Transplantation: In this procedure, the hair follicles are plucked out from areas least affected by female pattern baldness (usually the back of the scalp) and transplanted on the bald regions. We, At Hair Transplant Centre Malaysia provide hair transplant surgery using the FUE technique only! This is because the FUE method, unlike FUT, does not leave a permanent scar behind.

Scalp Micropigmentation: In case you are not suitable for any hair restoration method, you can go for Scalp Micropigmentation. In this method, natural pigments are placed inside the epidermal of your scalp to cover the bald areas and give good density look on scalp.

HAIR TRANSPLANT

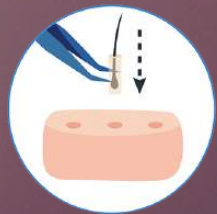
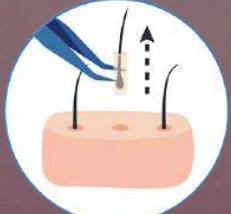
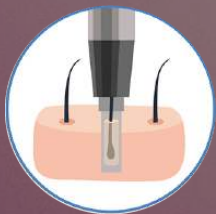


Hair Transplant Centre Malaysia is a world leader in Hair Transplantation for both men and women, providing the best state-of-the-art FUE Hair Transplant procedure.

FUE Hair Transplant Procedure is the most sophisticated, minimally invasive Follicular Unit Extraction (FUE) method available. The result is an aesthetically natural hair transplant procedure with fast recovery, and excellent results. The result is fuller, natural looking hair that will last a lifetime.

The hair transplantation can be used in various problems such as hair restoration, eyebrow restoration, beard restoration, and moustache restoration. In addition, it can camouflage the scars. The main objective of hair transplantation is to restore hair loss.

FUE is the method that gives us the opportunity to best meet all patients' hair transplant expectations. FUE or Follicular Unit Extraction is a method of harvesting hair follicles from the donor area (the back and side of scalp where hairs won't fall out during the patient's lifetime).



In FUE hair transplant, we extract each follicular unit one by one using a micro punch that varies in diameter from 0,7mm to 1,1mm.

The follicular units can be one, two, three or four hairs clustered in each unit. This is very important for the success of the transplant because this is the natural way that hair grows.

Post-Procedure Activities: Activity should be restricted during the first 24 hours after the procedure, and strenuous exercise should be avoided for five to seven days. Alcohol, aspirin, aspirin-like medications, and vitamin E must be avoided for two days.

Additional and detailed instructions will be given at the pre-op session by your hair transplant physician

There is a normal period of shedding and growth:



Up
to 6 weeks:
Anywhere between all
and none of your hair
follicles can shed
during this stage
(This is normal)



Up
to 3 months: The new
hairs will start to come
through the skin



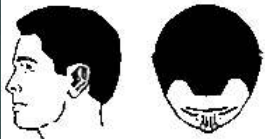
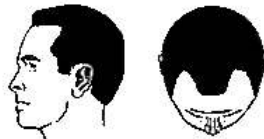
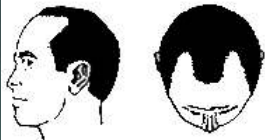


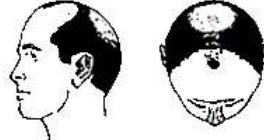
Up
to 6 months: Enough
growth to get an idea of
density








Up
to 12 months:
Should have reached
full results (can in
some cases take
slightly longer)

Hair Loss Quick Guide

Here is a quick way to find out which classification of hair loss you are in, and approximately how many grafts are required. We strictly only prescribe what is truly needed to optimise hair growth.

Graft Calculator			
	800 - 1000 Grafts		2000 - 2500 Grafts
	2500 - 3000 Grafts		2500 - 3000 Grafts
	3500 - 4000 Grafts		4000 - 5000 Grafts

Type 1	approx. 1800-2100 grafts (3600-4200 Hairs)	
Type 2	approx. 2200-2500 grafts (4400-5000 Hairs)	
Type 3	approx. 2600-2800 grafts (5200-5600 Hairs)	
Type 4	approx. 2800-3200 grafts (5600-6400 Hairs)	
Type 5	approx. 3000-3500 grafts (6000-7000 Hairs)	
Type 6	approx. 3000-8000 grafts (7000-16000 Hairs)	

Benefits of hair transplantation

The most effective method for treating irreversible hair losses is currently hair transplant.

1. Improved Self-Image

People that seek out a hair transplant procedure will tell you it is because their baldness makes them feel is appointed with the way they look, making them look older than they really are or feel. Hair transplantation will fill in those balding areas with the patient's own hair that will then grow for the rest of their life, giving them the boost in self-confidence they need and want.

2. A Permanent Hair Loss Solution

While some topical treatments and even some holistic methods offer to help with balding issues, a hair transplant procedure offers hope for those that suffer from balding and thinning hair that is a more reliable and also a permanent solution.

3. Permanently Eliminates Balding

For men and women with hair loss, the only way to finally say goodbye to baldness is with a hair transplant. This is because once a hair transplant is done, the affected areas will never have hair that will fall out again. You won't have receding hairlines or bald patches any longer. Statistics show that hair transplant procedures have an exceptionally high success and patient satisfaction rate.

4. Hair Transplants are Low Maintenance

There is another benefit of having a hair transplant procedure. It requires just minimal maintenance after hair transplantation on the affected areas. This is because the transplanted hair is the patient's own hair and grows normally and naturally. There are no special chemicals or shampoos needed to have and maintain hair density. It is important to note that hair transplantation is typically a one time procedure, although many patients opt to repeat the process after one year if they are looking for even more density and fullness. As a result, there are no return trips to the doctor, just the barber or hair stylist.

5. Long-Term Cost Savings

While many hair restoration procedures tend to be a bit costly, hair transplant surgery is not like that. This is because unlike other solutions, hair transplantation is permanent.

GALLERY

We believe a picture is worth a thousand words. So we started collecting the before and afters of our patients to help tell their stories of success. We treat every one with respect and individualized attention because we know that everyone's story is different and everyone experiences hair loss in their own unique way.

NORWOOD SCALE STAGE 1

TOTAL OF GRAFT : 3200 GRAFTS (PARTLY SHAVEN)



NORWOOD SCALE STAGE 2

TOTAL OF GRAFT : 3500 GRAFTS (PARTLY SHAVEN)



NORWOOD SCALE STAGE 3

TOTAL OF GRAFT : 2300 GRAFTS



NORWOOD SCALE STAGE 4

TOTAL OF GRAFT : 2800 GRAFTS



NORWOOD SCALE STAGE 5

TOTAL OF GRAFT : 2600 GRAFTS



NORWOOD SCALE STAGE 6

TOTAL OF GRAFT : 3000 GRAFTS



GALLERY

LOWERING HAIRLINE (FEMALE)

TOTAL OF GRAFT : 2500 GRAFTS (PARTLY SHAVEN)



BEFORE

DAY 1

1 MONTH



4 MONTHS

10 MONTHS

LOWERING HAIRLINE (FEMALE)

TOTAL OF GRAFT : 2000 GRAFTS



BEFORE

Day 1

7 MONTHS

13 MONTHS



LOWERING HAIRLINE (FEMALE)

TOTAL OF GRAFT : 2000 GRAFTS



BEFORE

DAY 1

4 MONTHS

5 MONTHS

8 MONTHS



HAIR TRANSPLANT CENTRE MALAYSIA

BEST HAIR TRANSPLANT CENTRE

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*We, at Hair Transplant
Centre Malaysia take pride in being one of the best clinics to
give effective treatment for hair loss in Malaysia.*

