





Hair Restoration Solutions for Men & Women



Welcome to **AK Clinics**

First of all, I would like to thank you for considering us for a consultation of your hair Transplant procedure

We, at AK Clinics, are a team of doctors specialized and dedicated to hair restoration and committed to doing the best hair transplants for you.

Now, that you have come here for a hair transplant consultation, I would personally like to assure you that our team of doctors will properly guide you and prepare a plan of treatment which is the best for you, And if you do make up your mind to get the procedure from us, we will provide you the international level of care & result. Thereby fulfilling the purpose of existence of our clinic -"Transformation of your looks"

Looking forward to a long lasting relationship with you!!

Dr. Kapil Dua

MBBS, MS(ENT & HNS), FISHRS, Diplomate American Board HRS Chairman & Chief Hair Transplant Surgeon, AK Clinics Fellow UENT Hospital (Austria) Visiting Fellow: Tel Aviv Univ (Israel) Fellow & Board of Governor, International Society of Hair Restoration Surgery, USA President, Association of Hair Restoration Surgeons of India, Member - IAHRS & American Hair Loss Association Board of Governor, Asian Association of Hair Restoration Surgery

Co-editor of textbook "Hair Transplantation"









The FUE hair transplant at AK Clinics started with the journey of Dr. Kapil Dua & Dr. Aman Dua to Dr. Alex Ginzburg, one of the most experienced hair transplant doctors in the world to Israel in the year 2007.

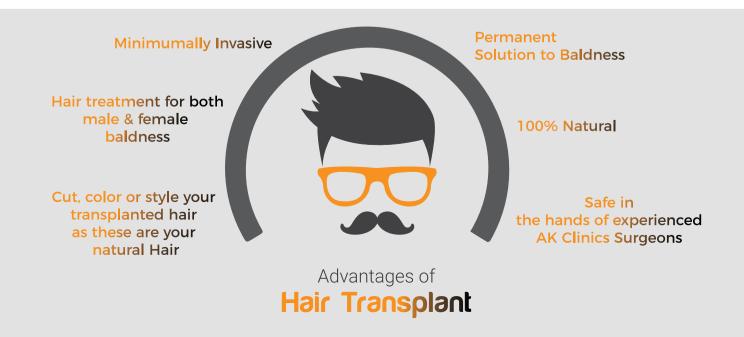
This training instilled the confidence in them to start FUE technique (in 2007) of hair transplantation. This technique was unknown until that time in India. They started off with the "Two step manual technique" of follicular unit extraction and continued it for 3 years.

Then in the beginning of 2010, the doctors shifted onto the Motorized Blunt Punch "Single step technique of FUE". The doctors kept on working with the same machine and technique till 2013 when they developed their own technique of doing hair transplantation, the "Bio-FUE" and "Bio-DHT". These techniques

took the results and satisfaction of the patients to next level. In 2014, they developed a punch which caused less wastage during extraction and could be used in the patients having longer hair length; this punch was named, the "Flat" punch.

This punch had a totally flat surface and was not sharp. It did not cut the skin but separate the tissues of the skin thereby making the follicular unit loose and easily removable while going in the skin

The length of the shaft of the punch was also adjustable to accommodate different hair length as compared to the normal standard length of 4mm. This made their punch the best one to remove the grafts at minimum wastage rates (less than 3% complete graft transection) and achive a very good speed as of now in 2018.



Bio-FUE™ today is one of the best techniques for Hair Transplant







OUR TECHNIQUE



Bio-FUE™ is a trademarked procedure of FUE hair transplant developed by our own team of doctors at AK Clinics. It is a long term customized plan of hair restoration for our patients. It takes into account the fact that hair loss is a progressive condition & different patients have different hair characteristics or different patterns of hair loss. In Bio-FUE™ technique, the hair follicles or grafts are extracted by our special technique along with administration of growth factors into the scalp, making hair stronger, longer and healthier. There are 5 steps of Bio-FUE™ and we shall now discuss the same.

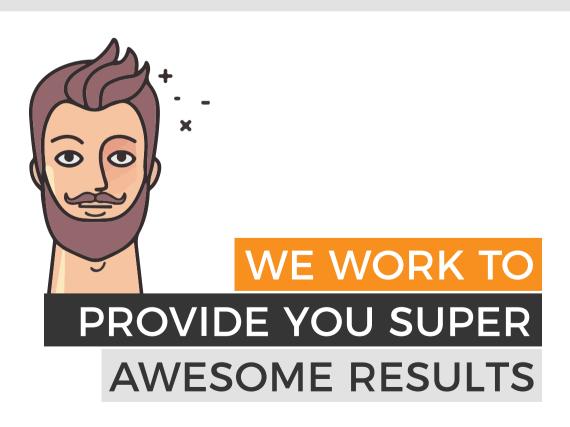




Dr. Niteen Dhepe, Laser man of India



I had started noticing the salt and pepper in my hair early on, and while that did not bother me much, the hair loss did. My hairline was receding from the temples and I knew that I had to get some help. When I met the team at AK Clinics, I was told that a Bio-FUE™ procedure would be the best choice for me. While they implanted the 2520 grafts, I sat back and read a book that I had brought along with me. Today, I am really happy with the way my head looks - I have a natural hairline and the hair is standing strong!









Local Anesthesia

Local Anesthesia is used to block the sensations of pain in the scalp or other body part which is going to be operated upon during hair transplantation. It can be administered either by applying topical anesthesia or by injecting directly into the skin.

Routinely, at other clinics, the area to be operated upon is made numb by injecting local anesthesia into the scalp and there is pain at the time of administration.

Virtually pain free Local Anesthesia @ AK Clinics

But at our clinic, it is virtually pain free as we follow a special procedure to curb the pain sensation.

Firstly, we apply anesthetic gel to the base of the scalp 40 minutes before starting the anesthesia. Then we use the world's thinnest needles and vibrator on the area to make it virtually pain free anesthesia.



Slit Making

Slit making is a process of creating space in the scalp where the grafts will be implanted.

Routinely at other clinics, slits are made in the recipient area using needles after the extraction of grafts is over. The slits are variable in size and depth which leads to uneven level growth of hair.

Innovative & Customized Slit Making @ AK Clinics

But at our clinic, it is different. Our experienced surgeons perform slit making before extraction so as to decrease the out of body time of grafts. (It is the time interval between the extraction and implantation for which the grafts keep on lying outside the body in the storage solution). They make the slits with the special CTS (cut-to-size) blades. The procedure for doing the same is as below:

Five test grafts are taken out from the patients scalp. The average length of the grafts is measured. Then, the length of the shaft of the blade is adjusted as per your hair length and then the slits are made at proper angle, direction and density. The use of imported CTS (cut-to-size) blades with guard on the holder ensures that the depth of each and every slit is as per the length of your graft which gives following benefits:

- a) There is minimal chance of mechanical trauma to the underlying vessels.
- b) The time spent by grafts outside the body is minimum which helps to keep your hair viable and gives better results.
- c) The angle direction and density is given as per your individual requirement thereby giving natural results when the hair grow.



Extraction

Extraction is the process of removal of grafts from the back side of the scalp.

Routinely, at other clinics, the grafts are extracted using sharp punches at other clinics. These punches go deeper into the soft tissues making the unit loose and finally removed. The transection rates in most cases are not recorded & are in the range of 30% or more. Further these clinics target very high number of grafts by going out of the permanent zone and as a result these hair do not last long and fall off soon.

Best Quality Extraction @ AK Clinics

But at our clinic, the surgeons extract strictly from safe donor area with our special FLAT punches. Safe donor area or permanent zone is a horse shoe shaped area on the backside of the head which is not affected by DHT hormone.

FLAT punch is a special punch developed by our wastage during extraction. The extraction process generally 1mm less than the average length of the grafts.

Extraction is done in a zig-zag manner ensuring that no two consecutive grafts are extracted. This way the graft next to the extracted graft covers the spot after hair growth. By doing so:

- a) The donor area does not thin out & almost remains
- b) This highly precise procedure ensures that you get the best quality grafts for implantation & the wastage



Implantation

extracted grafts back into the scalp.

Routinely, at other clinics, the grafts are extracted then slits are made and thin grafts are implanted. They are implanted by keeping them on a gauze piece on hand grafts which leads to a poor yield.

Smooth Implantation @ AK Clinics

extraction, thereby decreasing the outside body time of grafts as mentioned. We follow the

person keeps on supplying the grafts and the other implantation thereby preventing dehydration of grafts.

technique in which we hold the grafts from the top of the hair shaft and not hair root. By doing so:

- a) We keep the grafts moist all the time.
- b) We get better yield and results there by







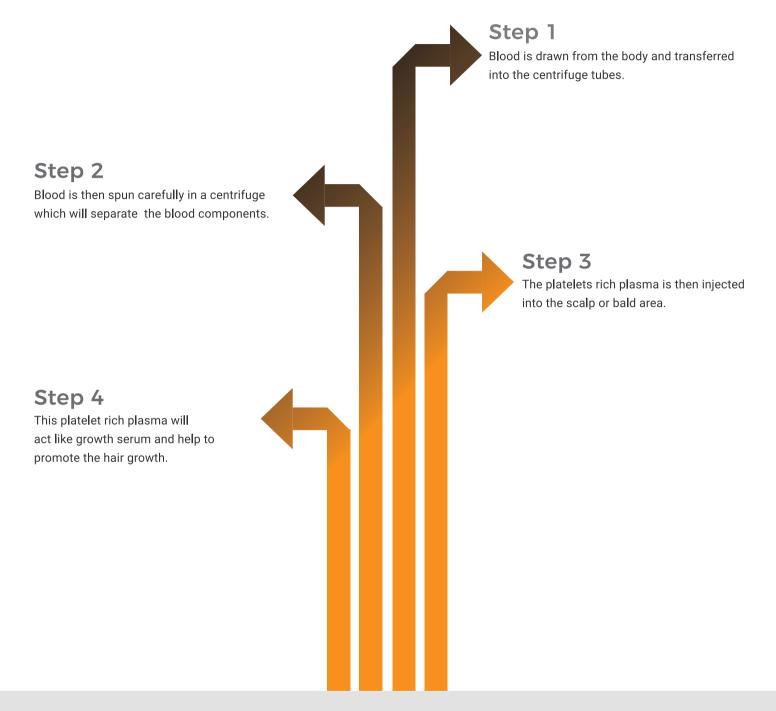






Unique

Biotherapy (PRP)





I was still in my twenties when I started losing my hair and I knew that I had to do something fast. I knew that I had to meet with the best, which is why I chose to go to AK Clinics. On my very first visit, they conducted an exam and suggested that I undergo a Bio-DHT procedure and would need around 2500 grafts. Although I was a little concerned when I was told that a piece of my scalp would be removed, I knew that I would be safe. It's been over three years since my procedure, and I am supremely happy with the results

Mr. Gaurav Patel,

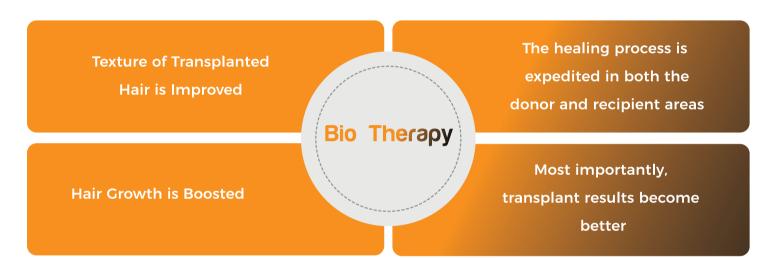
Budding entrepreneur

What is different in Bio Therapy at AK Clinics?

Routinely, it is not being done along with the hair transplant. And if it is done, it is done in a normal centrifuge or at a outside laboratory. The temperature of the sample during the transportation becomes variable leading to decreased yield of growth factors at the time of processing.

But at AK Clinics, we do everything "In House". We draw around 40 cc of blood. We then process it in a specialized refrigerated centrifuge. The plasma is activated to release growth factors. This Platelet Rich Plasma is then injected into the superficial part of the scalp. The growth factors stimulate the stem cells and help to prolong the growth phase of the existing hair on the scalp.

By doing so:



Routine Clinics

Local Anesthesia

Pain at the time of administration

Slit Making

- Generally done after extraction
- Instrumentation used needles
- More trauma & bleeding

- More out of body time for grafts
- Slit depth variable
- Haphazard direction of slits

Extraction

- From every part of scalp
- Only one length of punch is used
- The number of grafts may or may not be equal to commitment

- With any punch
- More wastage at the time of extraction (20-30%)
- Thinning of donor area after surgery

Implantation

- Trauma to hair roots at the time of implantation
- Dehydration of grafts
- All types of grafts are implanted

- Different direction of hair after growth
- Any order of implantation

Biotherapy

Not being done

Post op

- Swelling on forehead and eyes in maximum number of patients
- Infection in donor & recipient area.

- Recipient area: Poor growth
- Donor area: Thinning











Bio-FUE @ AK Clinics

Local Anesthesia with Bio-FUE

Virtully Pain Free

Slit Making with Bio-FUE

- Before extraction
- Special CTS blades
 - Less trauma & bleeding

- Less out of body time for grafts
- Slit depth uniform
- Angle, direction and density is given by matching the natural hair

Extraction with Bio-FUE

- Only from safe donor area of scalp
- Length of punches as per your hair length
- The patient is made count the grafts and sign the consent.
- With special Flat punches
- Less wastage at the time of extraction (2-3%)
- The look of the back side of scalp remains the same as before surgery

Implantation with Bio-FUE

- Minimal trauma at the time of implantation
- Grafts are kept moist
- Only 100% viable and complete grafts are implanted

- Properly matched growth at proper angle with proper direction and optimum density
- "First-out-First-in" principle

Biotherapy with Bio-FUE

- Part of every procedure
- Healing process is enhanced

• Better texture and growth of transplanted hair

Post op care with Bio-FUE

- Swelling is hardly seen
- Extremely rare chances of infection

- Natural results
- The look of donor area is same as before

Disclaimer: These differences have been mentioned keeping the fact in mind our experience with maximum number of our patients although some variations may occur.













When is facial hair transplant done?

Facial hair transplant is a treatment in which we transplant hair from the scalp or other body parts to the portion of the face with no or less hair. This includes moustache, beard, eyebrows and eyelashes. People who are considering themselves to undergo a facial hair transplant, generally tend to be the ones who might have lost their hair due to certain conditions like congenital atrichia, hypotrichia, traumatic scars or burns, traction alopecia, long standing alopecia areata, cicatricial alopecia, etc. There is also a quite a fraction of people who did not have sufficient hair at the first place and want more density on their face.

How is facial hair transplant done?

A facial hair transplant is generally a minimally invasive one. And it involves the same three steps:

Slit making
 Extraction
 Implantation

The process of extraction is similar but the slit making & implantation are very delicate, artistic and time consuming as compared to other procedures on the scalp.

Types of facial hair transplant

Facial hair transplant for beard: Some men around the world may have no hair growth on their face or minimal hair growth which might not extend properly to be called as full-fledged beard. It might be a sparse or may have an irregular hairline or have bald patches in their beard. All these people benefit from facial hair transplant.

Facial Hair Transplant for Moustache: There are several individuals who have very little growth in their moustache. The genetics can be one of the major cause for this whereas Illness or hormonal changes also add to its causes. Medical conditions such as cleft lip, accidents or disease like cancer can also lead to thinning of moustache or lack in density which can be corrected by surgery in this area.

Facial Hair Transplant for eyebrow: The eyebrows are the highlighted part of the face. This is the only reason why their symmetry is of utmost importance. It is also important to keep in mind their structure, density and size. If you are looking at increasing the length or size of the eyebrows, the same can be done quite easily by placing a few grafts which alter the shape, size or density of the existing eyebrows.

Facial hair transplant at AK Clinics:

When you come to AK Clinics, you get a team of doctors, who are not only extremely qualified, but also have several years of experience.

The standards of patient care, hygiene and the equipment used are at par with any international centre for facial hair transplant, giving each patient the best possible experience.

OUR RESULTS

Beard Hair Transplant



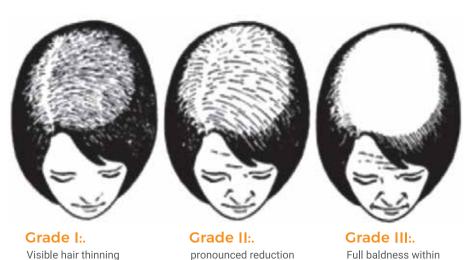






Loosing hair might be tough for men but it is very traumatic for women. If not controlled in time, extensive hair loss causes baldness and a need for hair transplant. The causes of hair loss are many-a-times different from men which include genetic reasons, hormonal changes, stress, scalp disorders, pregnancy, nutrition, unnatural dieting for weight loss, etc. Hair transplant in women is generally done in cases of Female Androgenetic Alopecia, long standing stable Alopecia Areata, Cicatricial or Scarring Alopecia, Traction Alopecia, Trichotillomania,

The hair loss pattern in women is shown as below



of the hair on the crown

within the area seen in

How is women hair transplant different at AK Clinics?

Grade I

Hair transplant at AK Clinics is done using our trademarked Bio-FUE™ technique which offers excellent results.

on the crown, situated

1-3cm behind the

frontal hairline

The doctors at AK Clinics are very sensitive towards the different needs of women undergoing hair transplant. They counsel them properly about the procedure as well as the post operative period in detail.

In the procedure slit making requires more experience as the hair are not trimmed like in men. This is important as so as to get better alignment of hair and decrease the extent of shock loss.

The extraction part is also more challenging as the number of grafts available for extraction is less as compared to men as we do not trim the temple area in women.

the area seen in

Grades Land II

The implantation requires more precision as the hair are not trimmed (as mentioned above). In the post op period, the hair in scalp become a bit messy and get better after the first wash a week after the surgery.











OUR RESULTS

Women Hair Transplant









In Hair transplantation, the hair are extracted from the safe donor area and transplanted into the recipient area as mentioned earlier. But, there are some patients who have thin or exhausted donor area. The weak donor area can be due to previous hair transplant, genetic disorder, unhealthy diet, offensive environmental conditions, scalp disorders or diseases etc. In those cases, Body Hair Transplant (BHT) technique is used.

There are many areas of the body from which grafts can be harvested like chest, back, pubis, armpits, legs, etc but the best source is beard. The body hair usually give good results when used in conjunction with the scalp hair.

When do we use body hair for transplantation?

- Patients with poor donor area of the scalp
- In transplantation of certain areas like eyebrows & temple region where finer and shorter length hair may be preferred
- To reconstruct small areas of baldness in beard (Hair extracted from beard can be used)
- To cover scars arising from the previous strip surgery on scalp or to cover previous FUE sites in the scalp donor area

How is body hair transplant different at AK Clinics?

Most of the clinics do not perform body hair extraction and do overharvesting from scalp leading to thinning of scalp donor area. But at AK Clinics, we extract safe number of grafts only from scalp and Body hair transplant is done to give a natural look with virtually no pain during the procedure. After extraction, we usually implant the body hair by mixing with the scalp hair in the mid scalp or crown

However, if no scalp hair are available, then they can be implanted individually or the back side alone only.

Local Anesthesia: Local Anesthesia is administered in both topical and injectable form to curb the pain sensations on the body area which is going to be operated during transplantation.

Implantation: Grafts are implanted by using the double forceps technique and we hold the grafts from the top of the hair shaft and not the hair root.

Extraction: At AK clinics, grafts are extracted by specialized punches designed according to graft length resulting in low follicular wastage.

Advantages of Body Hair Transplantation:

- Coverage of scalp in patients with poor donor area of the scalp
- Good growth rate when implanted on scalp
- The hair mix well with the scalp hair, good number of hair can be extracted from the body.
- Body hair are resistant to DHT (Dihydrotestosterone) which is the main cause of the hair fall and remain on scalp forever.





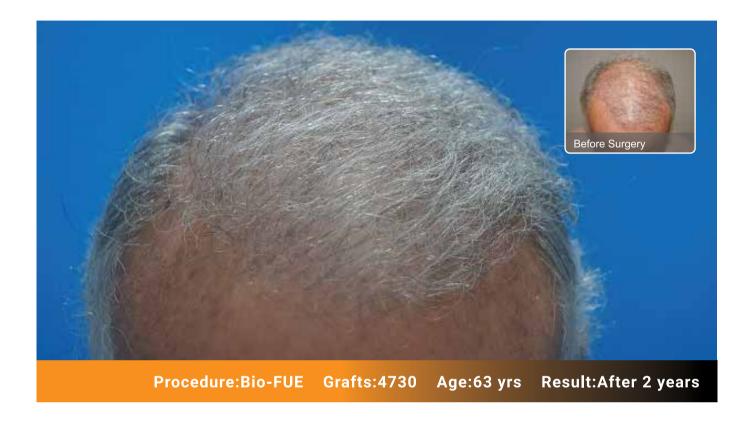


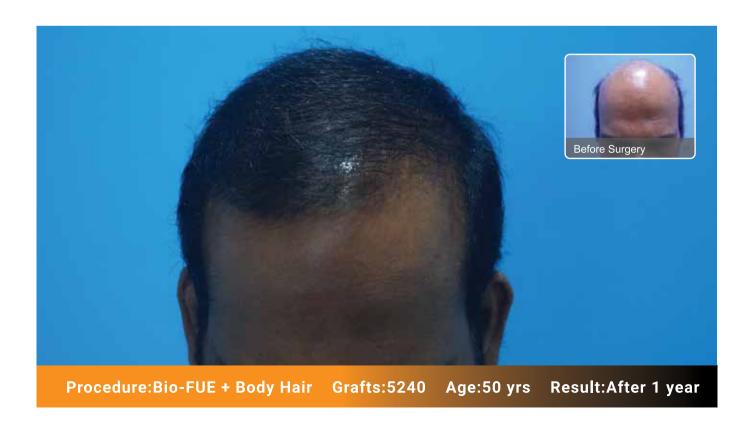




OUR RESULTS Body Hair Transplant















FUT or follicular unit transplantation is a surgical procedure in which the hair are extracted from the permanent zone or safe donor area from the back of scalp. A thin strip is excised from the back of the scalp and grafts are dissected. These are then implanted into the recipient area.

How is FUT done at AK Clinics?

In general, an entire strip of hair is removed from the scalp's safe donor area and dissected under the microscope. After that, the area is stitched carefully from where strip is taken. Following are the steps of FUT technique:

Local Anesthesia: At AK Clinics, local anesthesia is virtually pain free. Local anesthesia is administered after applying the anesthesia gel and high frequencies of vibrations are used during administration so that the patient will not feel any discomfort or pain while giving local anesthesia. Tumesient anesthesia is administered into the strip zone to facilitate the removal of strip.

Slit making: This is done after measuring the length of your grafts to make the precise slits. This is done by the doctors only at AK Clinics.

Harvesting of grafts: The strip of hair is removed from the

scalp's donor area and the area is sutured back carefully by trichophytic closure technique.

Dissection of grafts from strip: The grafts are dissected and separated individually from the strip under the microscope and they are stored at a proper temperature and in well hydrated form to ensure the survival of grafts.

Implantation: After the sites have been created, the grafts are transplanted into the slit or bald area. At AK Clinics, only fully viable grafts are implanted. Partially transected follicles are not implanted on the scalp. Thus, our patients get the best possible natural results.

Advantages of FUT

- Larger number of grafts in one session
- High yield of hair & less time consuming
- Affordable & Natural results

Disadvantages of FUT

- Linear scar which can be hidden by long hair
- Infection in the wound area if surgery is not performed by experts

At AK Clinics, there is minimal chance of infection and very little to worry about. Our doctors follow the best practices which help to make our patients happy.

FUT Scar restoration at AK Clinics

Restoring scars after the FUT hair transplantation is not easy and should be done by highly experienced surgeons only. At AK Clinics, we mainly use three methods to restore the FUT scar i.e.

- Scar Revision
- Implanting hair follicles using FUE method
- Micropigmentation





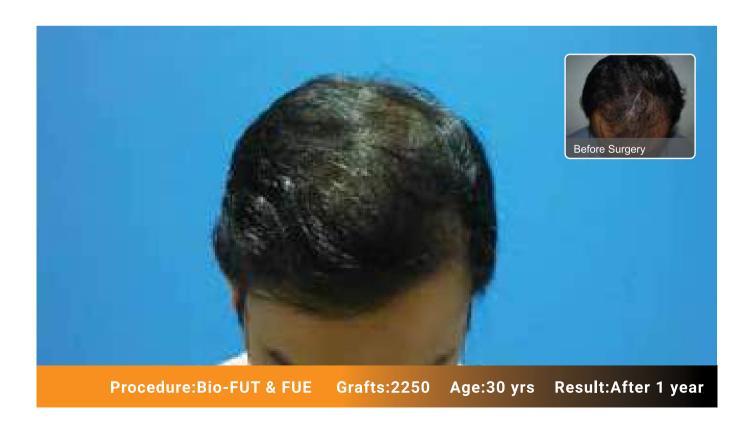




OUR RESULTS Follicular Unit Transplant













Every patient who is undergoing hair transplant wants the best possible results. But this is not the case with the surgeries being done outside. Thus a lot of patients come to us for getting Revision Hair Transplants done.

Who needs Revision Hair Transplant?

Revision hair transplant means that the patient requires a second hair transplant to get better results in a previously operated area. this may happen in two conditions:

- When the number of hair which have come back after transplantation is less (objective) more common cause
- The number of hair which have come back is alright but the patient still wants more density (subjective).

What options are available for Revision hair transplants?

All the techniques (FUE, FUT or Body hair harvesting) can be used for doing revision hair transplant depending upon the examination of the donor & the recipient area. But nowadays, it is being seen that revisions are not only required in the recipient area but also the donor area in overharvested scalps.

Why get it done at AK Clinics?

The doctors at AK Clinics are well versed with all the available harvesting techniques (FUT, FUE and body hair harvesting) which helps them to provide the best possible solution for the patients.







OUR RESULTS Revision Hair Transplant







Pre-Operative Instructions

A detailed list of pre-operative instructions for patients' convenience is being provided below. In case of any query/problem patients are advised to contact our clinic.

3 Weeks Before Surgery

- Notify us about your medications, drugs & herbs
- Stop taking vitamin E and fish oil
- Make arrangements to be on time. If you live out of town, make arrangements to stay overnight in a hotel preferably near our clinic, as traffic and/or weather could delay your arrival at our clinic. If you arrive late, your appointment may have to be postponed.

10 Days Before Surgery

- Stop Minoxidil
- Stop drinking alcohol: DO NOT drink any alcohol including wine, beer, or liquors. Even a single drink can cause bleeding.
- Stop using any non-approved drugs

04 Days Before Surgery

These may interact with medications administered during surgery or increase bleeding.

- Stop taking Aspirin (Acetasalicylic Acid): ASA or any other blood-thinning medicine (containing Aspirin) such as Clopivas, etc
- Please get the following blood tests done
 - Hb, TLC, DLC, PBF, ESR, RBS
 - BT, CT, PTI, PTTK
 - Viral markers for HIV, HBsAg, HCV

Don't worry if you're unable to get these done 4 days in advance, just visit our clinic a day prior to the surgery, we'll arrange everything there.

Day Before Surgery

- Exercise: Please do not exercise the night before or on the morning of surgery.
- Stop using Ibuprofen & Naproxen: Ibuprofen and Naproxen should be discontinued.
- Get sufficient sleep: Get a full night's sleep.
- Shampoo your hair: Shampoo and rinse your hair well with any shampoo. If you have any long hair, please use a cream rinse.

The Day of Surgery

- Take your antibiotic: Take the first dosage of antibiotic an hour before the scheduled time of your surgery (if prescribed) or it will be given in the clinic.
- Breakfast for morning surgery: Please make sure that you have a full breakfast. If you are unable, so give us an opportunity to serve your breakfast but do inform prehand
- Eating for afternoon surgery: We'll arrange lunch for you & the person accompanying you (if any).
- What to wear: On the day of surgery, please do not wear any clothing that must be pulled over your head to be removed. Wear shirts or jackets with buttons or zippers that open completely from the front.

Other Important Instructions

- Notify us about drug allergies: If you are allergic to any medicine, please confirm with our office that you have notified us of the allergy.
- Do not take anti depressants
- If you are taking CLOPIVAS: Discontinue it after checking with the doctor who prescribed it. Notify us if you can't stop it atleast 4 days before surgery.
- Arrangements for accommodations: If you live outside the area, please make arrangements to stay for two nights - the evening before your surgery and the evening of your surgery.
- Make arrangements to be picked up: The drugs administered during the procedure can significantly impair your driving ability. So, you should plan to take a taxi or arrange to have someone pick you up and remain with you overnight.
- Smoking: If you are a consistent smoker, you're not required to quit on surgery day. In fact on the day of surgery also, we'll try to accommodate your ssmoking schedule to avoid the withdrawal symptoms

For Your Comfort

- Hair Coloring: Hair coloring may be done up to two days before surgery.
- Hair care products: Use gentle shampoos and conditioners.
- Favorite music: Our OTs are equipped with stereo equipment so you can bring the music you like.











Post-Operative Care

In order to prepare you well for the surgery, we are hereby providing you in detail all the care that you need to take after the surgery. In case of any query/problem, you are advised to contact our clinic.



Instructions For The Recipient/ Transplanted Area

Instructions For The Donor Area

General Instructions

Special Instructions

FUT/Strip Patients Female Patients Beard Hair Transplant Patients Body Hair Transplant Patients

Hair growth after hair transplant











Instructions For The Recipient/ Transplanted Area

Day Zero of the Surgery

On discharge, you would be provided with a headband over the forehead region and a surgical cap.

- You should wear the cap for three days and can remove the cap at the time of spraying (mentioned below) but it is advisable that you wear the headband continuously for the next 5 days.
- A spray bottle with Normal Saline solution is also provided to you on discharge. You need to spray the transplanted area with this solution starting from the day of the surgery. For the first 2 days, you should spray over the transplanted area once every hour and then from Day 3 to Day 5 of the surgery, you should spray it at a regular intervals of 2 hours. There is no need to get
- up at night to spray during sleeping hours. You may use sterile water (bottled drinking water) once the Normal Saline solution provided is finished. Spraying is essential as it prevents scab formation and keeps the grafts hydrated.
- On the day of the discharge you should also start with the forehead massage. You are also advised to sleep on a flat surface or with a thin pillow for the next 5 days to prevent swelling over the forehead. It is advised not to wash your head for the initial 4 days after the transplant.

* Details of massage are described later in detail under the subheading- Swelling

On Day 1 after the Surgery

If you are in the town, you should come to the clinic. We will gently clean the recipient area.

On Day 5 after the Surgery

You can wash the transplanted area with water alone by pouring it gently with a mug over the non-transplanted part of the scalp so the water just seeps over the transplanted grafts. You can also block the flow of water partially with your other hand so water falls with less pressure over the grafts. Allow your hair to dry naturally, do not towel dry or blow-dry your hair.



My hair had been disappearing at a steady rate and before I knew it my forehead was increasing in size. When I met the team at AK Clinics, they told me that I could have a head full of hair, very soon. So, I said yes and 2100 grafts were harvested from a demarcated area and then implanted into the area where the balding was most obvious. In less than a year, it seemed like I had never lost any hair, in the first place!

> Clair Bennett, Marketing professional in UK.







On Day 7

If you are in town, it is advisable that you come to the clinic for the scalp wash. In case you can't come you can also do this vourself at home in the following way:

First apply some aloe-vera gel gently on the transplanted area and keep it for 30-40 minutes to soften the crusts. Afterwards take a coin size amount of baby shampoo on your palm and lightly apply over the transplanted area with finger tips in a back to front direction making sure not to rub /scratch the area. Wash the shampoo by pouring some water on the head gently with mua

On Day 10

After the second shampoo, you can wash your hair regularly using baby shampoo/ prescribed shampoo twice a week. The scabs should be removed gently at the time of each head wash. It is imperative that you DO NOT rub/scratch the transplanted area

Covering of the Recipient Area

Continue to wear the surgical cap provided to you for 2 days after the transplant. You can start wearing the routine cap (Polo, cricket, etc.) from 3rd day onwards. Make sure that the routine cap does not impinge over the graft area/ put pressure over the recipient area. While wearing the cap make sure you wear it from back to front direction to avoid pressure on the transplanted area.





Instructions For The Donor Area

Sleeping Instructions

There is a bandage in the donor area which makes it slightly uncomfortable to sleep. Please lie down flat on your back with a very thin pillow under your neck. Also keep a dark colored towel on your pillow, as there will be some soiling of the reddish fluid from the donor area. It is not the blood but the fluid coming out of donor area. It is a normal phenomenon and you should not be worried about it.

 Immediately after the surgery your donor area would be bandaged(on the back side). If you can come to us day 1 post surgery, then we will remove the bandage from the back side of your scalp. If you can't then remove your bandage on the 3rd post-operative day. Wet the bandage with the saline so as to soften the area and then remove the bandage softly. There might

be some discharge coming out of the donor area. You would be provided with some gauze bandage pieces after the transplant, use them to clean the discharge. After the removal of the bandage on the 3rd day, apply the antibiotic ointment prescribed to you over the entire donor area as a thin layer. A coin-sized amount of the antibiotic should be taken and applied gently using your fingertips twice daily for the next 5 days.

- You may also experience some itching in the donor area due to the crusts. In this case, apply some aloe Vera gel over the donor area and remove it after 10 minutes using a clean piece of bandage/ gauze provided to you.
- ** For further details please see the text below under the subheading 'Itching'.

In case of FUT/ Strip surgery, you would be called back to the clinic between Day 7-10 to remove your sutures. (Special Instructions for FUT patients have been provided in detail later in the text)















General Instructions

Medications

After the surgery you would be started on certain oral medications for the next 5-7 days such as mild pain killers to minimize discomfort; antibiotics for control of any infection; antiallergic tablets once a day to reduce itching and multivitamins to aid in your recovery. A short course (5-day) of oral steroids would be started on the 3rd post-operative day to reduce signs of any

inflammation. There will no medicine from day 8-14. After around 2 weeks of the transplant surgery, we begin you on our Cyclical Therapy that consists of oral medicines and topical solutions to be applied on the scalp. The choice of taking the cyclical therapy is optional. However, we recommend it to every patient of hair transplant for a period of 3-6 months.

Swelling

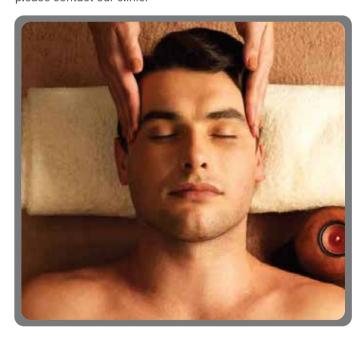
There might be occurrence of swelling on the forehead after the transplant surgery. It usually starts from the hairline and may gravitate downwards to the forehead region and even around eyes. Following precautions diminish the incidence of post-transplant swelling:

A. Wearing of headband on forehead for the next 5 days.

- B. Lying down flat without using any pillow rest for the first 2 days. If you want to use a pillow, use a very thin one and cover it with a towel, as there might be some yellowish-red discharge from the donor area in the first few days.(as described above)
- C. Massaging of forehead with both hands using four fingers starting from the center of the forehead and going laterally towards each side. Massaging should be done around 10-15 times every hour for the initial 5 days.

Most importantly, do not keep your head in a forward bending position to avoid swelling. In case of swelling, which generally make that it usually occurs on the 3rd-5th post-operative day, increases on 6th-7th day and decreases on its own by the 8th

and 9th day. This is again a normal phenomenon and will resolve on its own. You can use cool ice compresses over the area. In case of any fever/redness/ pain associated with the swelling, please contact our clinic.



Bleeding

Rarely, a little bleeding may occur after the transplant from the donor recipient area. You are suggested to apply continuous firm pressure over the bleeding point with the bandage provided for

10 minutes continuously. This should stop the bleeding. In case the bleeding continues, please contact our clinic.









Infection

You would be prescribed an oral antibiotic course after the surgery to prevent any infection. In case, you get any signs of infection like white spots around the hair or pain in the area of the transplanted hair, fever, chills, pus or discharge in the suture line, please contact our clinic as it may require treatment. It is important to note that a few pimples in the transplanted area may be a sign of new hairs coming out through the skin. They usually resolve in a few days and are not accompanied by pain/ redness. Ingrown hairs may also be present as small cyst/ pimples. Please contact our clinic in case of any concerns.

Itching

You might experience some itching in the donor or recipient area in the post-operative period which mostly occurs due to the residual scabs/crust formation. It should resolve after the first wash on day 7. You will also be prescribed an anti-allergic in the initial few days after transplant that should take care of the same. If it does not, then application of Aloe Vera gel can also be done over the donor area in the first week to relieve the itching. Do not scratch the scalp as it may damage the grafts.

Loss Of Grafts

Sometimes you may find a few loose grafts in the second week after the procedure. Do not be concerned as sometimes the hair may be shed with the crust and the hair may have a bulb at the bottom. This does not represent a lost graft. The transplanted hair, fall out usually 2 to 4 weeks after the surgery. You will start to see the hair growth start at 3 to 4 months after the surgery; this hair will be very fine and minute at first. Around 6 months about 40% of the hair will have appeared. However, they won't be fully grown. It takes up to 12-18 months for a full growth to occur. Shedding of the native (original) hair can also sometimes occur post operatively. This is quite rare and if it occurs it will always regrow in 3-4 months.

Numbness/Tingling Sensation

Numbness/ Tingling Sensation in the recipient area sometimes occurs, this will resolve without intervention. It can last from weeks to a couple of months.

Diet

You would be provided with a diet chart upon your discharge to aid in the recovery and the growth of the grafts. It is advisable to have an adequate intake of water and have a protein-rich diet in the immediate post-operative period.

Routine Activity/Exercise/Swimming

On the day of the surgery, you will be under the effect of sedatives so it is advised that you don't drive back yourself/ engage in any other kind of work which requires precision. You can resume your daily normal routine from the next day itself but you might experience mild discomfort in your donor/recipient area for 1-2 days post-transplant In the case of FUE, we advise you refrains from exercise during the first 10 days. You can start with light exercises after 10-14 days. In FUT/ Strip surgeries, the main concern is the widening of suture scar. Hence in FUT cases it is recommended to avoid strenuous physical activity 3 weeks post operatively; you should avoid gym work, swimming, cycling, tennis, golf, any heavy lifting, and strenuous hill walking for 3 weeks after the surgery. When you return to physical activity you should start off lightly and build up slowly to your previous activity levels. Do not swim in swimming pools with chlorine in the first 14 days as the chemicals may damage the grafts, it is however safe to swim in the sea from 5th day onwards. Do not dive. After day 14, you can swim in the swimming pools and apply sun lotion to the scalp and wear a hat if needed. Avoid direct pressure/trauma to the transplanted grafts for around 10-14 days after the procedure. Avoid sexual activity for 5 days following the procedure.









Sun Exposure

It is advised to always wear a cap in the sun from 3rd day onwards. If you are in the sun prior to day 21, you must sit under an umbrella and avoid sitting in direct sun light for long periods.

Hair Cosmetics

You can use hair color after 4 weeks of the surgery once the transplanted hair falls off in the donor area. It is advisable to wait for 3-4 months before applying hair color at the recipient area. Also avoid blow drying your hair for at least 3 -4 weeks following the surgery. We recommened avoiding the use of hair spray after the transplant for around 1 year.

Hair Cut

You can get a haircut after around 3 weeks of the surgery in the donor area. When the hair grows long in the recipient area, you can trim them with scissors. You should not use razor or shave off the recipient area.

Hair Oil

We do not recommend application of any hair stimulating oil/ castor oil or any other oil on the scalp after the surgery. You would be prescribed certain lotions and serums for conditioning after the surgery in our cyclical therapy. There is no need to apply any other lotion/ shampoo/conditioner apart from the ones mentioned in the prescription. In case you still wish to use some hair oil after the transplant, only coconut oil/Almond/ Olive oil should be used and its use can be started 12 weeks after the surgery.





Special Instructions

FUT/Strip Patients

Day of the Surgery (Day Zero): There might be some discomfort in the donor area over the sutures. There might be some crusting over the suture line. If you find washing the sutured area is uncomfortable, there might be some oozing of yellowish-red fluid from the suture line. This is normal. Use the gauze pieces provided to you and pat dry the area. It's recommended you use a towel underneath your donor area while sleeping.

· If any bleeding occurs, do not be concerned. Apply direct pressure with the clean gauze pieces provided to you for few minutes. This should stop the bleeding. In case the bleeding continues, please contact our clinic.

· Your stitches will need to be removed between 7-10 days post-operatively. It is advisable to return to AK Clinics to have these removed. After the stitch removal, keep on applying the antibiotic ointment over the suture line prescribed to you for the next 5 days.

Note: There may be a dissolvable suture underneath the skin that will self-dissolve between 3 and 4 months post operatively. This can feel lumpy but it will return to normal in time









FUT/ Strip Patients

The hair in the donor area needs to be trimmed for the procedure. The total area trimmed depends on the number of follicles required. Usually, a strip of your normal long hair is left above and below the trimmed area so that it can be cover the donor area post- surgery.

- · After the surgery, your transplanted hair along with your original hair may give a messy/ shrubby appearance for few weeks till they grow in length.
- There might be some shock loss of your native /original hair after the transplant. You have been prescribed topical Minoxidil lotion (to be started after 14 days)and the hairs usually grow back in 3-4 months.
- When the hair start coming back, they are small and tiny and projecting forward. Eventually, they will grow long and go backwards

Beard Transplant Patients

If you have opted for a beard transplant; there is bound to be some swelling on the lower face, especially on the lips. This usually resolves in the next 3-5 days. You should follow a liquid/ semi-solid diet on the day of surgery. There might be some deviation of the angle of mouth to one side on the day of the surgery which also resolves by next morning.

• In case of beard hair transplantation, these hair will fall off and start growing in the same way as that of the scalp. It is better to avoid shaving in this area till the scab fall out.

Body Hair Transplant Patients

In case of extraction using body hair, the site is bandaged after the procedure. You can remove the bandage on the next day and take a shower. Make sure not to rub the area too vigorously while showering. After the shower, apply the antibiotic cream prescribed to you on the donor site as a thin layer using fingertips. Re-apply the cream once at night time also. Continue the twice-daily application of antibiotic cream for the next 7 days.

• In case of beard extraction, you can trim/ shave your beard hair after 8-10 days of the surgery once the healing is complete.





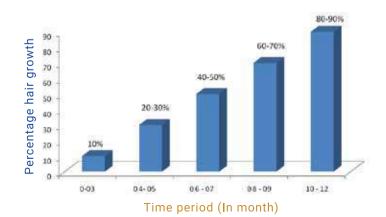
Hair growth after hair transplant

It will take approximately 6-12 months for the new transplanted hair to grow. Hair growth usually occurs in 3 phase's i.e.

Dormant Stage: This stage lasts up to 2-4 months. Most of the transplanted hair will shed away and there will be typically less or no growth. Then in 2-3 month these hair start to grow back.

Emergent Stage: This is the growing stage that will last for 4-8 months. The new hair will gradually appear. Most of the hair growth (approximately 70-80%) is observed within these months.

Maturation Stage: The newly grown hair will continue to grow and will thicken with time. This can continue up to 12-14 months.



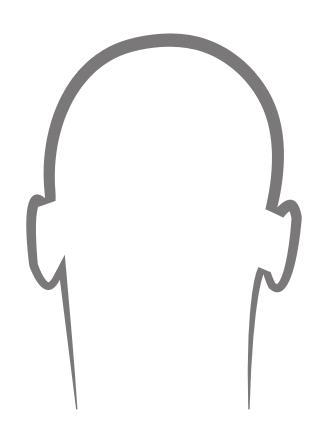






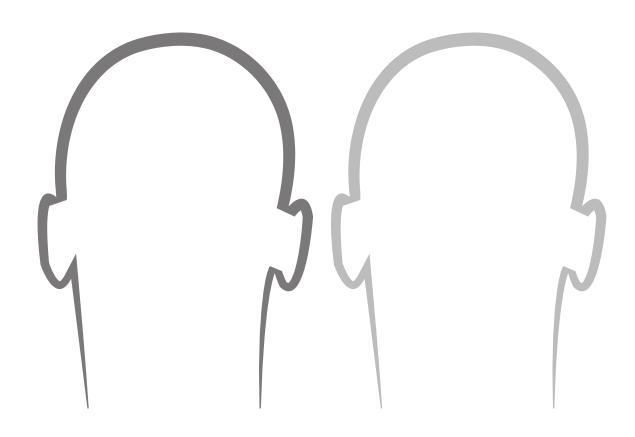


Francipal



- Why is hair loss a progressive condition?
- What is Hair transplant?
- Does it work?
- Why is hair transplant called a permanent solution?
- Where is the permanent zone located?
- What is the maximum no. of grafts available from Permanent Donor in one sitting?
- · What other areas which can be used as donor?
- When are the other areas used?



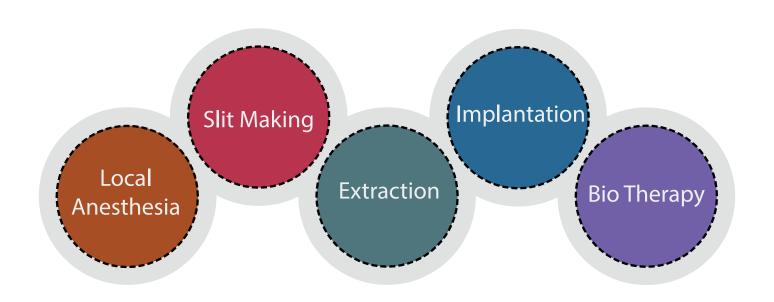


•	What	is	difference	between	Strip	&	FUE?
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•	W	hen	İS	strip	C	lon	e?
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•	When is FUE done?

PROCESS of HAIR TRANSPLANT at AK Clinics





Long Term Customized Plan of Hair Transplantaion

Local Anesthesia with Bio-FUE™

Virtually Pain Free	• Vibrator		
Anesthesia Cream	• Thinnest needles		
Slit Making with Bio-FUE™			
Before extraction	Slit depth uniform		
• Less out of body time for grafts	• Less trauma & bleeding		
• With special CTS blades	 Angle direction and density is given by 		
	matching the natural hair		
Implantation with Bio-FUE™			
Minimal trauma at the time of implantation	Grafts are kept moist		
• Only 100% viable and complete grafts	 Properly matched growth at proper 		
are implanted	angle with proper direction and		
• "First-out-First-in" principle	optimum density		

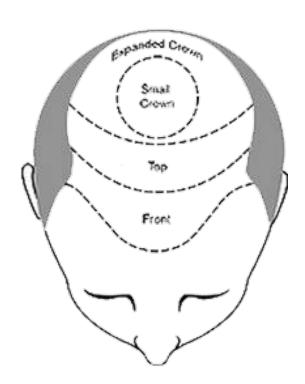


Customized Long Term Plan of Hair Transplantaion

Biotherapy with Bio-FUE™

 Part of every procedure Healing process is enhanced 	Better texture and growth of transplanted hair		
Post op care with Bio-	FUE™		
• Swelling is hardly seen	• Natural results		
• Hardly any infection seen	 The look of donor area is almost same as before 		
Points			

My Plon













Consent Form



Hair Transplant Principle

'When a man starts to lose hair, he normally loses it in one of the forms of male pattern baldness. This means that he has inherited this tendency and the hair on the forehead and crown has been programmed to gradually stop growing.

However, even in a man who has experienced severe hair loss, he will still have a horseshoe pattern of remaining hair at the back of the head and just above the ears. This is the donor (permanent) hair area. These hair are then implanted in bald area. It is also possible to implant hair from chest, beard, arm & other areas.

There is a surgical limitation to how close hair grafts can

be implanted in one go. So one may need further session(s) to achieve density as required. Depending on individual hair loss patterns and hair types, most people will require multiple sittings. The operating team of doctors will not bear the expenses for further sittings.

No conversations with personnel from this clinic or any other clinic nor pictures demonstrating previous patient results implies a guarantee that a patients result will be the same or similar. It is medically impossible to predict the final outcome of the surgery.

The Procedure

- Hair transplantation is a minor surgical procedure.
- Sedation is rarely used & patients are awake & can converse during the operation.
- We recommend proper meal to patients before the surgery.
- Hairline designing is done with patient's consent and following accepted guidelines.
- If some crusting occurs, it must not be scratched as

the grafts may be pulled out.

- The grafted area of scalp will appear slightly pinker than usual for a few days but this soon passes.
- The tiny hair that are implanted normally fall out within the first 3-4 weeks.
- The new hair grow from the hair root & will be noticeable in almost 3-4 months and thereon keep growing.

Risks, Side Effects, And Possible Complications

In majority of hair transplantation procedures there are no complications. But some of the side effect that may occur are as follows:

Side effects that occur occasionally:-

- Swelling in the forehead: If it occurs, it begins on the 3rd post-op day and is usually gone after 3-4 days.
- Mild "Shocking" (shedding) of Existing Hair.
- Temporary numbness of part of the head: May occur in

Side effects or complications that occur only rarely:

- Irregular or uneven or delayed or no hair growth: Most transplanted hairs are shed after each session, over a period of 3-4 weeks. Generally within 3-4 months, new hair growth begins. However it may take 12-18 months from the starting point before cosmetically satisfactory results are seen.
- Epidermoid cysts: These small sterile cysts may occur, they are simply treated with a tiny incision under local anaesthesia.

some patients.

- Post-op pain or headache: These are both quite rare.
- Itching in the area of the new grafts or along the donor scar in strip surgeries.
- Elevation or depression of grafts: Following healing, grafts may settle above or below the level of the surrounding skin, or have an uneven texture. Both of these phenomena have been very rare in our practice.
- Bleeding: Haematomas, collections of blood under the skin, are possible in the donor area, and rarely a graft site will ooze the first day or evening. These are both easily treated.











Consent Form



- Scarring (In strip surgery only): Very occasionally, especially in people with "stretchy" skin, a donor scar will be somewhat wider than normal. If any donor scars are evident when the process is completed, they can be removed at the completion of the transplants. Some people form "keloids" when they heal, and we attempt to determine that each of our patients does not do this, by noting other past scars on their body.
- Dizziness or fainting: Either from anxiety, not having eaten, or medications. Since we perform the procedure with the patient sitting/lying down the entire time, this is exceedingly rare.
- Allergy or reaction to anaesthetics or medications

- used: Medications are kept at hand to immediately treat any allergic reactions.
- Failure to improve "quality of life": Interruption of work or job routine, or interruption of home, family or social life, or failure to live up to a patient's goals or expectations from the procedure.
- Infections: Infections are very rare because of rich blood supply to the scalp and the sterile surgical techniques employed.
- There is also the possibility that other effects or complications not presently known, recognized, or understood, may develop, now or in the future

Consent Details

- I consent to the administration of local anesthetics, medication, injections, intravenous solutions, and materials to be given by or under the supervision of the doctors that they may deem necessary in my case.
- I am aware of all the other alternative methods of addressing hair loss and I am instead choosing this plan, as outlined by doctors at AK Clinics Pvt Ltd.
- I hereby state that all the facts and information, including pertinent facts concerning my past medical and surgical history, that have been furnished to the doctors and their nurse/assistant during my pre-operative evaluation are complete and correct.
- I have not withheld any medical information that may be helpful, harmful, or detrimental to my care.

I do not believe that I presently have any communicable disease, and do not believe that I have been exposed to. or have, hepatitis, or AIDS (acquired immune deficiency syndrome) or am a carrier of the HIV virus. If at any time during the hair transplant process, there is evidence or suspicion of any of the above or any medical condition, the doctors reserve the right to suspend any further procedures until necessary tests or treatment are completed by my own personal doctor and written evidence of such is provided. I give the doctors permission to draw blood for HIV and hepatitis testing, if an accidental needle puncture or break of the skin by a "sharp" should occur to either the doctors or one of their

assistants. This will be done in a confidential manner. I would not hold the doctors / clinic responsible for any such infection.

- I agree to follow the pre-op and post-op instructions that have been provided to me before, during, and after the surgical procedure, and that I will as soon as possible, notify them of any questionable or untoward conditions that may arise. I agree to take all medications as directed. I will then keep all scheduled and recommended appointments, as advised by the doctors or their assistants.
- I have adequate understanding of the material in the website www.akclinics.org, AK Clinics Blog, their other websites and literature provided by AK Clinics and from what they've told me about the procedure. They have fully explained, in terms clear to me, the effect and nature of the procedure being performed today, foreseeable risks involved and alternative methods of
- I know that the practice of medicine and surgery is not an exact science, and that, therefore, reputable surgeons cannot guarantee results. In this regard, I have been advised that the goal of the procedure that I have requested is improvement, rather than "cure" or "removal", in the appearance or status of my balding or thinning hair condition.











Consent Form



- I fully understand the results that I may reasonably expect. I understand hair transplants are not perfect.
- I am aware that good results will depend in part upon my completing the necessary number of operations recommended by the doctors. However, because many variables exist, I've not been given any form of guarantee verbal or written of any form of results or looks
- I understand I'll not have hair of the same thickness/density as I had prior to the onset of my hair loss. I've been explained the terms graft, hair, follicular unit and follicle elaborately.
- I understand every time an incision is made in the human body, a scar will occur, although every effort will be made to make the scar inconspicuous.
- I understand that all recommendations made during my consultation and treatment are estimates and may change at a later date.

Signature of Patient: ___

- In order to maintain the highest level of quality for our patients and to provide the best training and guidance, we use video to record sections of some hair transplant procedures. These videos are held securely and used to demonstrate clinical features for education and training purposes. I give the doctors from AK Clinics and their team permission to video relevant sections of my procedure for training and quality purposes.
- Furthermore, I give the doctors permission to use my photographs to demonstrate features of clinical relevance to other patients, and also as part of scientific articles or presentations directed to other healthcare professionals.
- I have been given an opportunity to ask all questions I desire regarding the matters covered in the preceding paragraphs, and these questions have been answered to my satisfaction.

I have read, and thoroughly understood, the complete consent form page-by-page (total 4 Pages) in the language I can understand (English/Hindi/Vernacular). I, therefore, freely & openly consent to this scheduled hair transplant procedure upon myself. I understand the procedure and have discussed and accept the risks and benefits associated with the procedure. I hereby release AK Clinics Pvt Limited (a company registered at Ludhiana & under sole jurisdiction of courts of Ludhiana), its doctors and their staff from all liabilities associated with the above-indicated procedure.

Name of Patient:							
PermAddress:							
Mobile							
Surgeon Declaration							
I have explained the contents of this doc	cument, as well as related materials and instructions, to the patient, and have						
answered all of the patient's questions to	the best of my knowledge. I feel that this patient has been adequately informed						
and has freely, openly, and fully consente	d to the procedure.						
Signed:	Signed:						
Surgeon:	Surgeon:						
Date:	Date:						
Signed:	Signed:						
Patient:	Witness:						
Date:							













Male Patient Baldness - NH Grade - II

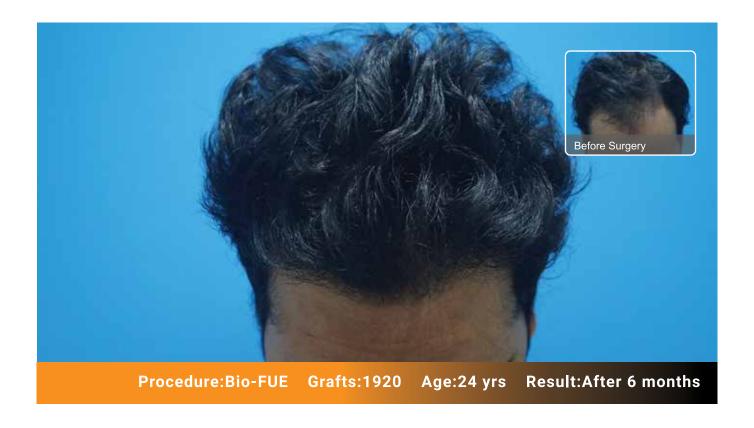


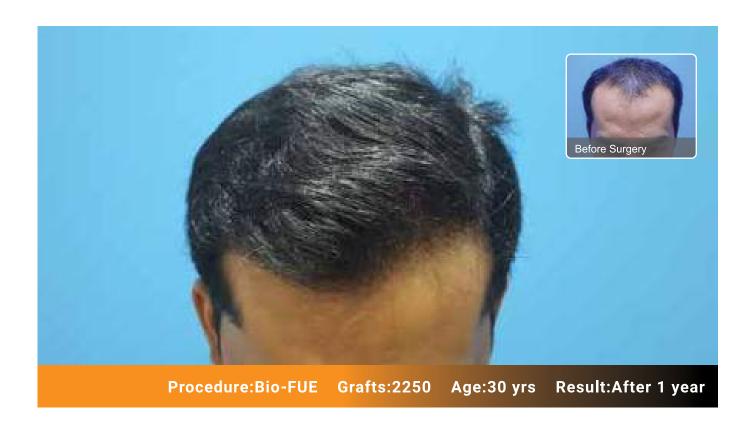




Male Patient Baldness - NH Grade - III

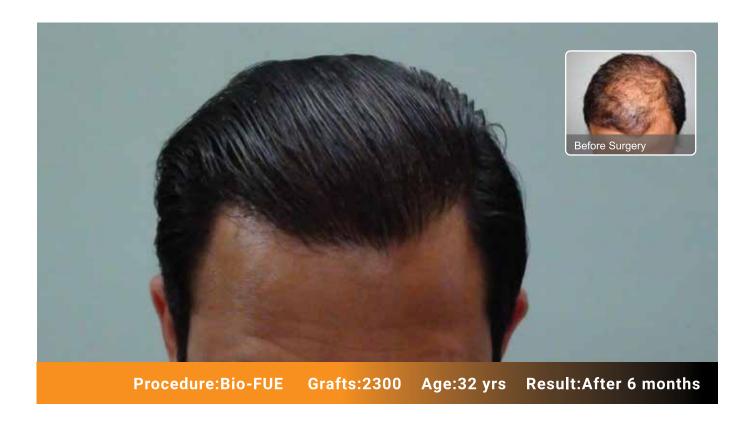






Male Patient Baldness - NH Grade - IV

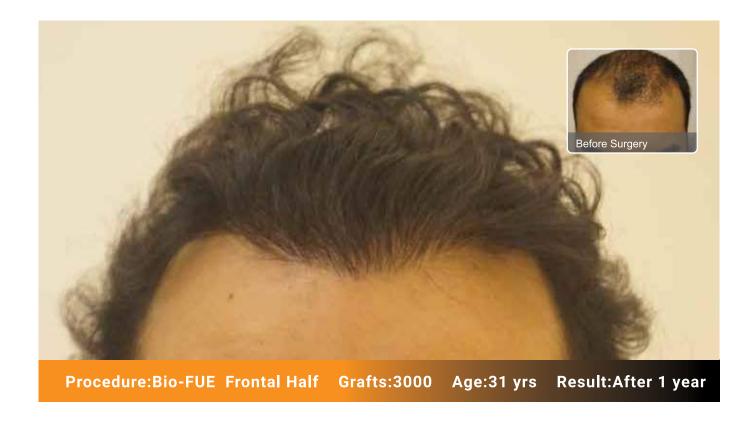


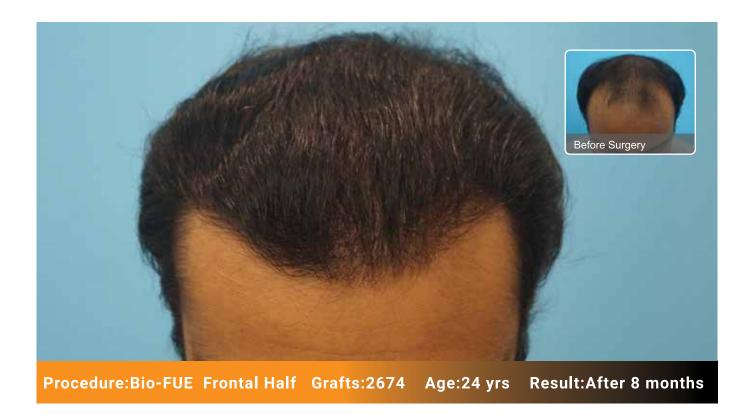




Male Patient Baldness - NH Grade - V







Male Patient Baldness - NH Grade - VI & VII



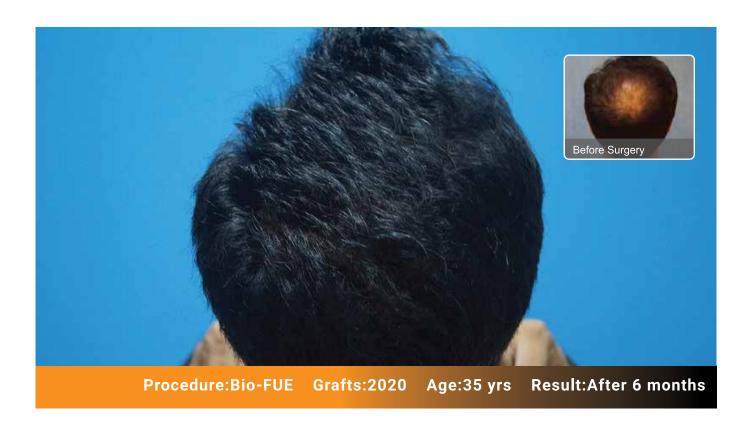




Crown Hair Transplantation

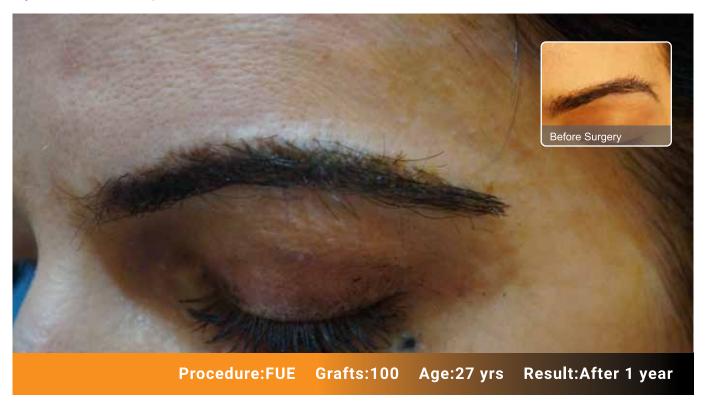








Eyebrow Hair Transplantation



Cicatical Alopecia - Hair Transplantation



ADDITIONAL NOTES

We're committed to alter your looks. So, Let's know about you.

AK Clinics

Name:			Date:			
Gender:	Male	Female	Age:			
Email:		Mob:				
Address:						
What is the duration of hair	at is the duration of hair loss?					
		□ 3 - 6 ye	ears	☐ 6 - 10 years	:	
Are you still having an activ	e hair fall?	☐ Yes	☐ Yes		□No	
Have you taken medicine fo	or hair fall?	☐ Yes	☐ Yes			
If yes, what type of medicin	es?	☐ Allopathic		☐ Ayurvedic	☐ Homeopathy	
Has hair fall stopped with medications?		☐ Yes		□No	☐ Can't say	
Any improvement with medication?		☐ Yes		□No		
Any genetic hair-loss history ☐ Yes		☐ Yes	□No			
Have you heard about hair transplant? ☐ You		☐ Yes	□No			
Expectations from hair tran	splant?	☐ Very D	ense ☐ Just to cover scalp			
How did you come to know	about us?	□ Newspaper □ Patients		☐ Internet ☐ Other		
Ready for hair transplant?	ady for hair transplant?		□No			
Willon all techniques you've neard or:		☐ FUE To	echnique			



Wish you a head full of hair!!!

66 Our Mission

Transformation of the looks with excellent treatment through state-of-the-art infrastructure and highly trained surgeons.



Ludhiana

51-E, opposite kipps market, Sarabha Nagar, Punjab - India



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New Delhi

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info@akclinics.com

