

# Our novel contrivance in FUE, how covers donor site

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### Introduction

- Follicular unit extraction (FUE) method was introduced by Drs. Rassman and Bernstein in 2002.
- However, there are some disadvantages, FUE is widely accepted in hair transplant surgeons.
- One of the disadvantages is that it is necessary to shave donor site. This is a major reason that patients hesitate to consent FUE method.
- In such cases, we make some suggestions that top hair can cover the shaved donor site.

### Procedures

- We perform FUE procedure combined with non-shaved and partial shaved method.
- The ratio of non-shaved and shaved area is decided by length and density of patient's donor status.

#### Case 1

42 year-old male, Androgenic alopecia in front.  
403 grafts were extracted from partial shaved area ( Fig. 1) , 1597 grafts were extracted from non-shaved donor site (Fig.2). Fig .3 shows donor area was completely covered by own hairs immediately after surgery.



#### Case 2

46 year-old female, cosmetically hair line correction.  
600 grafts were extracted from partial shaved area, 400 grafts were extracted from non-shaved donor site (Fig.4). Fig .5 shows donor area was completely covered by own hairs immediately after surgery.



### Results

- We performed the combined with non-shaved and partial shaved FUE in 53 cases (15 females and 53 males) between Aug 9, 2016-Jan 8, 2018.
- The number of extracted grafts ranged from 700 to 2000.
- The ratio of number of grafts extracted from non-shaved and shaved area (N/S ratio) was distributed 0.03 to 4.0.

### Discussions

- The size of shaved area is dependent on patient's donor site status, i.e. length, thickness and density of hairs.
- Our combined method can,
  - reduce the surgical fee compared with total non-shaved FUE.
  - provide cosmetically good results in covering donor site.
  - increase the patient satisfaction as a result.