

Calculation of Your Surface Area

You can measure yourself how large the area that needs to be covered is and consequently how many grafts would be necessary according to your density requirements. You need a little bit of time and concentration, but it is not hard and will help you set realistic objectives and expectations.

You need the following materials:

- China Marker or any non-permanent marker
- Transparent food wrap or transparent paper
- Printed graphic sheet (cm²) that we send you as a .pdf attachment



1. Calculating the area needed to be covered.

a. Mark out with the non permanent marker directly on the head the area to be covered.



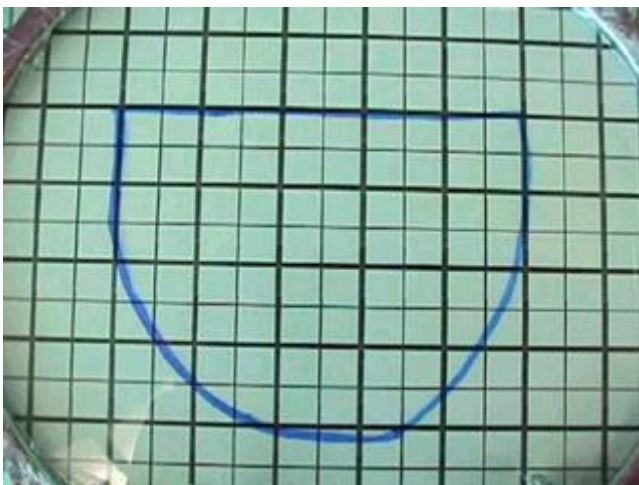
- b. Apply the transparent food wrap (or paper) directly on the marked area.
- c. Copy the marked to be covered area on the transparent food wrap or paper.



- d. Apply the transparent paper or food wrap on the graphic sheet (that we sent you as attachment), and count the number of squares

1 small square = 1cm²

1 large square = 4 cm²





Like this you can measure how many cm² you want to cover with a hair transplant.

The above example has approximately 69 cm²

2. Number of Grafts and Density

The average density in the Donor Area varies between 80-100 Follicular Units / cm². Depending on your individual hair characteristics (thickness of the hair shaft, hair colour to skin colour contrast, amount of hair curl etc.) a natural appearance of density (illusion of full hair) can be achieved with the transplantation of 40-70 Follicular Units / cm². Remember that hair transplantation does not produce any new hair; it is simply the redistribution of your own donor hair, a resource that is in limited quantities.

Calculation Example

1. First you have to measure the area that you want to cover.
2. Divide the amount of transplanted grafts by the area to be covered.
3. The result is the average density that is achieved through the transplantation.

For example: when the area to be covered has 50 cm² and one transplants 3000 Follicular Units , the average density will be approximately 60 Follicular Units / cm².

$$3000 \text{ Follicular Units} / 50 \text{ cm}^2 = 60 \text{ Follicular Units} / \text{cm}^2$$

Naturally one needs to transplant the Follicular Units artistically and strategically in order to achieve an optimal coverage and density. As before any surgery a personal consultation with someone who works in the field is very recommendable.

Below is your graphic sheet you can print off.

Assuring you the best attention at all times,

Hattingen Hair Transplantation

1cm

Front

