

\*\*The terms used were taken from the ISHRS FUE Terminology Subcommittee publication in the May/June 2014 *Hair Transplant Forum International* (Standardization of the Terminology Used in FUE: Part III. 24(3):93-94) as defined below:

#### **Missing Graft (MG)**

Number of punch insertions – (grafts available for HT + grafts unavailable for HT)

#### **Missing Graft Rate (MGR)**

$$\frac{\text{Number of missing grafts} \times 100}{\text{Number of punch insertions}}$$

#### **Graft Transection Rate (GTR)**

$$\frac{\text{Total number of transected grafts (partially + completely)} \times 100}{\text{Total number of extracted grafts}}$$

#### **Completely Transected Graft Rate (Total Transection Rate, TTR)**

$$\frac{\text{Total number of completely transected grafts} \times 100}{\text{Total number of extracted grafts}}$$

#### **Partially Transected Graft Rate (Partial Transection Rate, PTR)**

$$\frac{\text{Total number of partially transected grafts} \times 100}{\text{Total number of extracted grafts}}$$

#### **Follicle Transection Rate (FTR or TR)**

$$\frac{\text{Total number of transected follicles} \times 100}{\text{Total number of extracted follicles (intact + transected)}}$$

#### **Calculated Follicles per Graft Expected (CFGE)**

$$\frac{\text{Intact follicles} + \text{transected follicles extracted} \times 100^*}{\text{Total number of grafts available for transplant} + \text{completely transected grafts}}$$

#### **Calculated Follicles per Graft Achieved (CFG A)**

$$\frac{\text{Intact follicles} \times 100^*}{\text{Total number of grafts available for transplant} + \text{completely transected grafts}}$$

#### **Pared Follicle Rate (PFR)**

$$\frac{\text{Total number pared follicles}}{\text{Total number of extracted follicles (intact + transected)}}$$

#### **Donor's Area Calculated Density (Hairs per Follicular Group)**

$$\frac{\text{Total number of follicles counted in donor area}}{\text{Total number of FUs or FU families counted in same donor area}}$$

\*Please see correction note to original article in right-hand column.

The Working Group involved with compiling this version of BAHRS Members "Common Practice" was comprised of the following:

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## CORRECTION

### Revision of Published FUE Terminology Definitions

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A letter from Dr. Greg Williams, president of the British Association of Hair Restoration Surgery (BAHRS), was received notifying the FUE Research Committee about possible erroneous definitions for two terms and the method by which they are defined by their calculations. These terms were published in a three-part series, "Standardization of the Terminology Used in FUE," that appeared in the *Forum* (Part I, September/October 2013; Part II, November/December 2013; and Part III, May/June 2014). According to Dr. Williams:

*In any exercise that aims to compare practice, it is important to utilise standardised terminology. The BAHRS is grateful to the ISHRS FUE Research Committee for providing clear definitions that can be used by FUE practitioners all over the world to describe what is seen and done. For example, what is meant by "graft cleaning" and "graft trimming" could easily be confused but the ISHRS has defined the former as "the removal of the transected part of a follicle from an FUE graft" and the latter as "the removal of the dermis and other undesired perifollicular tissues of an FUE graft."*

*Likewise, the term "transection rate" is commonly used but often without being explicit about what is meant. The ISHRS has provided clear definitions for evaluating FUE practice, such as Graft Transection Rate, Completely Transected Graft Rate, Partially Transected Graft Rate, and Follicle Transected Rate, all of which measure different "transection rates."*

*However, there are two definitions that the ISHRS has published in the May/June 2014 issue [Part III of the series] that the members of the BAHRS feel are inaccurate.*

*It is the opinion of the BAHRS that the equations to calculate both the CFGE and CFG A should not have the "× 100" as this results in a number that does not make sense.*

After reviewing the letter from Dr. Williams, it is clear that the equations had an erroneous term, "× 100," in the numerator on both definitions. The correct equations defining the terms are as below:

#### **Calculated Follicles per Graft Expected (CFGE)**

$$\frac{\text{Intact follicles} + \text{transected follicles extracted}}{\text{Total number of grafts available for transplant} + \text{completely transected grafts}}$$

#### **Calculated Follicles per Graft Achieved (CFG A)**

$$\frac{\text{Intact follicles}}{\text{Total number of grafts available for transplant} + \text{completely transected grafts}}$$

I would like to express my thanks to Dr. Williams and the BAHRS for bringing this to the attention of the ISHRS and the FUE Research Committee. ♦