



Inside this issue

President's Message 130

Co-editors' Messages 131

Notes from the Editor Emeritus:
Dr. Russell Knudsen 133

FUE Roundtable Q&A 138-157

Letter to the Editor 159

FUE vs. FUT-MD: Study of 1,780
Follicles in Four Patients 160

Cyberspace Chat: 163

Hair's the Question:
FUE Technique 165

Review of the Literature 167

Message from the FUE Research
Committee Chair 168

Message from the 2016 World Congress
Program Chair 174
SAC Chair 175
SAC Vice Chair 175

Meetings & Studies:
Istanbul FUE Workshop 170
Italian Society for Hair Science 171
ABCRC 172

Medical Tourism: The Good,
the Bad, and the Ugly 177

Classified Ads 178

SPECIAL EDITION • SPECIAL EDITION • SPECIAL EDITION • SPECIAL EDITION • SPECIAL EDITION • SPECIAL EDITION •

FUE Roundtable

Co-editors' Message

Robert H. True, MD, MPH, FISHRS *New York, New York, USA* editors@ISHRS.org



This issue of the *Forum* is dedicated to the FUE Roundtable, a discussion of advanced topics in Follicular Unit Extraction surgery by 12 of our members from around the world who have extensive experience in performing FUE. Panel members utilize a variety of methods: manual, motorized, sharp punches, dull punches, and robotics. In developing this project, we first defined a list of important topics in FUE and then prioritized them as to importance. Due to space limitations in this issue, we were not able to cover all the topics. But, we are presenting discussion of certainly some of the most important, including causes of poor growth in FUE, *in vivo* and *ex vivo* splitting, minimizing trauma during extraction, ideal FUE grafts, long-term donor management, minimizing evidence of harvesting in the donor area, common mistakes beginners make, quality control in FUE, proper punch depth, and the role of assistants in FUE. We begin this issue with a featured paper by one of the panel members, Dr. Jean Devroye, on his new powered FU extraction with the Shaky Flat FUE System (SFFS). Then we will meet the panelists and learn about their practices and move into the Roundtable Questions. For some of the topics, I asked three of the panelists to prepare an answer independently so that we could compare views of the same subject. For other parts of the discussion, all panelists participated.

Powered FU Extraction with the Short-Arc-Oscillation Flat Punch FUE System (SFFS)

Jean Devroye, MD, FISHRS *Brussels, Belgium* officedevroye@aol.com

**The author has ownership interest in manufacturing and selling the SFFS, punches, and devices. Since no claims are made in this article, there is no real conflict of interest as it is instructional in nature.*

Key Points

- Tethering is probably the main factor explaining the difficulty in obtaining good quality grafts with different FUE techniques.
- Splay is also a major obstacle to creating good FUE grafts without transections.
- Sharp punches are associated with a high transection rate.
- A flat punch moving with low speed decreases dramatically the rate of transection and produces FUE grafts that look more like FUT grafts.
- For a link to videos relating to this article, please go to: <https://www.youtube.com/watch?v=wWldpuJQ05o&feature=youtu.be>

Introduction

We have been practising the FUE technique for 15 years now, and it's a major advancement in our HTS practice. The goal is to extract an individual follicular unit with a small circular trephine punch.

It is interesting to note that two distinct schools of thought quickly emerged in the development of FUE. The first one, led by Dr. Jim Harris, prefers the blunt punch. In the beginning, it was the 3-step system: very superficial scoring with a sharp punch followed by a dissection with a dull punch, then an extraction with fine forceps.¹ This then evolved into the blunt punch 2-step system where the same punch is used to cut and to dissect. The ARTAS® Robotic Hair Transplant System uses the 3-step approach with a blunt punch sliding along a sharp punch.

The second school of thought, led by Dr. John Cole, has opted for the sharp punch.² This system is by far the most widespread and adopted around the world. Only a few punch types dominate the market: Dr. Cole's thin and sharp punches, the titanium nitride coated punches (from Mediquip Surgical, among others), as well as cheaper

REGISTER TODAY!
Your opportunity to try
the many FUE tools &
techniques!

2016 USA JULY/DENVER
FUEpalooza
29-30 COLORADO
FUE Technology Workshop **The Hands-On Experience**



This one-of-a-kind workshop
allows attendees to perform
live surgery (FUE) on
patients under the guidance
of experienced faculty.

For details, see page 173.

You won't want to miss it!

Las Vegas
ISHRS 24TH WORLD CONGRESS
SEPT 28-OCT 1, 2016
INTERNATIONAL SOCIETY OF
HAIR RESTORATION SURGERY
CAESARS PALACE • NEVADA • USA