Experience the Future of Hair Transplantation

The ARTAS® Robotic System
ARTAS Hair Studio® Technology • Advanced Harvesting • Recipient Site Making
Robotic Precision
TO DELIVER EXCEPTIONAL PATIENT OUTCOMES

High-Definition Stereoscopic Vision System
• Rapid, micron-level targeting accuracy
• Determines many characteristics including angles, thickness and hair type unable to be seen with the human eye
• Monitors and updates parameters of each follicular unit 60 times per second

Image-Guided Robotic Alignment
• Digital mapping provides precise and consistent graft dissection, unparalleled to manual techniques
• Robotic arm can approach follicular units at the appropriate angle to control needle alignment

Minimally Invasive Dissection
• Delivers robust intact grafts
• Preserves the natural look of the patient’s donor area
• Patented blunt dissection technique produces minimal scarring and healthy grafts

The Opportunity
TO MEET AN UNTAPPED MARKET

310,000+
Hair Transplant Procedures Are Performed Annually
Worldwide*

Minimally Invasive Hair Transplants Growing At 39% Annually**

50 Million
U.S. Men Suffer From Hereditary Baldness

Majority of Patients Are Between 20–40 Years Old

ARTAS Hair Studio® is the advanced 3D modeling tool that transforms your patient’s consultation

- An interactive, individualized photograph-based tool
- Illustrate your aesthetic vision to your patient

The First and Only robotic hair transplant system

- FDA-cleared, physician-assisted technology
- Image-guided robotic alignment for graft harvesting and Recipient Site Making
  - High-definition stereoscopic digital mapping provides unparalleled visual details of the treatment area
  - ARTAS Artificial Intelligence™ algorithms are used to identify and select the prime hair for harvesting
  - Physician-assisted robotic technology delivers high quality robust grafts; the thousandth graft is the same quality as the first graft

The Minimally Invasive procedure that patients demand

- Eliminates human fatigue and the potential for error associated with traditional transplants - Ensures consistent graft quality throughout the procedure
- Preserves the natural look of the donor area without stitches or a linear scar
- Fast recovery - Allows the patient to get back to work and their daily activities quickly

Recipient Site Making using intelligent algorithms

- Creates natural site distribution for aesthetic results that avoid damaging and protects existing healthy (permanent) hair
- Eliminates human fatigue with consistent and reproducible results
The ARTAS Hair Studio® technology is a 3D photograph-based simulation of the patient’s potential results that helps to set realistic patient expectations. During the patient consultation, you will design a personalized cosmetic plan with the patient’s input. ARTAS Hair Studio allows you to illustrate different options by using the available preset tools that show various graft counts and hair distribution. This simulation tool helps to enhance patient education and increase the patient’s confidence regarding procedural outcomes.

**ARTAS Hair Studio® Design Options**

- **Preset Comb Styles**
- **Customization Tools**
  - Number of Grafts
  - Hair Length
  - Hair Color

The ARTAS® Robotic System offers a combination of proprietary and state-of-the-art advancements for minimally invasive robotic harvesting. ARTAS Artificial Intelligence™ algorithms are used to identify and select the prime hair for harvesting, while maintaining the appearance of the patient’s donor area – all under your control. These capabilities are available only with the ARTAS Robotic System. Other hair transplant techniques cannot offer these highly sophisticated technological advancements.

**Donor Area Analysis**

**Donor Area Comparison – ARTAS vs Strip Surgery**

- Post-ARTAS Robotic Procedure
- Non ARTAS Patient Post-Strip Surgery
KEY BENEFITS OF ARTAS ROBOTIC HARVESTING

◆ ARTAS Artificial Intelligence™ algorithms are used to identify and select the patient’s prime hair for harvesting
◆ The High-Definition Stereoscopic Vision System analyzes, monitors and tracks each hair 60 times per second
◆ Physician-Assisted Robotic Technology delivers robust grafts; the thousandth graft is the same quality as the first graft. Robots do not get fatigued
◆ Eliminates the Potential for Human Error associated with harvesting during manual procedures, providing consistent graft quality throughout the procedure
◆ Precision Robotics provide speed, accuracy and reproducibility
◆ Fast Recovery so your patient can get back to work and their daily activities quickly

• Treatment design is transferred to the robot for delivery under physician control
• Site Making creates the ideal aesthetic hair pattern for the optimal outcome
• Physician-controlled parameters include hair angles, depth and direction
• Avoids damaging patients’ existing healthy (permanent) hair using ARTAS Artificial Intelligence™ algorithms that evaluate specific hair characteristics such as hair caliber, pigmentation and contrast
The ARTAS® Robotic Recipient Site Making Procedure Protects Your Patients’ Hair

- The ARTAS System identifies both existing healthy (permanent) hair as well as miniaturized vellus hair by analyzing characteristics such as hair caliber, pigmentation and contrast.
- When making recipient sites, the ARTAS Artificial Intelligence™ algorithms evaluate multiple hair characteristics to avoid damaging existing healthy (permanent) hair.

Detection and Avoidance of Existing Healthy (Permanent) Hair

Recipient Sites Created

- **Terminal Hair** - is thicker, longer and dark (permanent)
- **Vellus Hair** - is shorter, finer and light-colored (not permanent)

The ARTAS Robotic System Assists in Creating the Optimal Aesthetic Pattern

- A customized site making design is created using ARTAS Hair Studio® technology and is then transferred to the ARTAS System for delivery under physician control.
- Creates natural site distribution for the optimal aesthetic outcome.

Actual Patient Scalp

- Norwood Scale 3 Patient
- 1,500 Recipient Sites Created
- ~5,000 Avoided and Protected Hairs

ARTAS Patient Treatment Report

Recipient Sites Created

- Recipient site with no adjacent permanent hairs
- Recipient site with 1 or more adjacent permanent hairs avoided
Unsurpassed Support
WE PARTNER WITH YOU TO ENSURE YOUR SUCCESS

Driving Patient Acquisition

Clinical Support
Thorough clinical training to develop a high level of proficiency
- Hands-on product training
- Develop staff efficiency and workflow
- Exceptional clinical case support

On-Site Technical Service and Support
- Responsive in-office service by Restoration Robotics Field Service Engineers

Practice Development
Skilled team of experienced Practice Development Specialists
- Consultation on new patient marketing and database mining
- Extensive in-office marketing support
- Staff training on the entire process, from patient consultation to closing ARTAS® Robotic procedures

“I have an amazing hairline and feel confident again. I could not be happier with the results”
- Jeff, Actual Patient

Donor Area
3 Months, Post-ARTAS²

Actual Patient,
9 Months, Post-ARTAS¹

¹ Photos courtesy of Hair Sciences Center of Colorado, James A. Harris, MD, FACS
² Photo courtesy of Bernstein Medical - Center for Hair Restoration, Robert M. Bernstein, MD
The ARTAS® System is indicated for harvesting hair follicles from the scalp of men diagnosed with androgenic alopecia (male pattern hair loss) who have black or brown straight hair. It is also indicated for creating recipient sites for subsequent manual implementation of the harvested follicles.

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