

As of October 10, 2018

Core Competencies for Hair Restoration Surgery Recommended by the International Society of Hair Restoration Surgery

Below are the core competencies that the ISHRS deems essential for hair restoration surgeons. A hair restoration program should provide the student with the skills necessary to perform all the following tasks.

The ISHRS's position on who is qualified to perform hair restoration surgery can be found on the ISHRS's website at: <https://ishrs.org/ishrs-position-statement-on-qualifications-for-scalp-surgery/>.

1. Counsel and advise patients on the risks and benefits of hair restoration surgery. Address the patient's specific general medical and psychological condition including consideration of the patient's age, sex, physical examination, and family history of hair loss.
2. Identify, advise, and manage patients whose hair loss is not androgenetic in etiology.
3. Design integrated medical and surgical treatment plans, including hairlines and crowns, for patients between the ages of 16 and 65, who have Norwood-Hamilton patterns II thru VII and Ludwig patterns I, II, and III.
4. Set up a hair transplant operating room that will provide a safe environment for patients and staff, including, but not limited to, sterile techniques, proper management of bio-hazardous materials, and ergonomically sound work stations.
5. Harvest hair bearing donor scalp using techniques that minimize follicular damage and maximize donor scar cosmesis no matter what harvesting technique is used.
6. Prepare follicular unit grafts from donor tissue with minimal follicle transection. Demonstrate techniques to maximize graft survival between preparation and implantation.
7. Prepare appropriate sized recipient sites for hair grafts with proper attention to exit angle, hair direction, depth of incision, and spacing, so as to attain a natural appearance and optimize hair growth.
8. Place follicular unit grafts into appropriately sized recipient sites with minimal physiologic and physical follicular trauma.
9. Calculate and administer an appropriate dose of medication for sedation and local anesthesia for hair replacement surgery, including the use of tumescent solution and high dose epinephrine solution.
10. Recognize and demonstrate appropriate modifications to transplant design and treatment plan for patients who have had prior scalp surgery and identify the appropriate time to integrate scalp extension or expansion into a patient's treatment plan.
11. Demonstrate the proper use of basic life support equipment, including automatic external defibrillators and adjunctive equipment to airway management.

12. Manage complications of hair restoration surgery including, but not limited to, syncope, postoperative infections, hemorrhage and hematomas, postoperative pain syndromes, wide donor scars, and suboptimal results.
13. Use the basic principles of adult education in the demonstration format to train nurses, medical assistants, and surgical technicians to become competent hair transplant technicians.

BOG Approved 10/10/18