Global Rating Assessment of Skills in Intraocular Surgery (GRASIS)

Global Rating Scale of Operative Performance

Resident__________________________________ Surgery Date__________________

Circle Procedure: Clear Cornea       Extracap       Scleral Tunnel       Trabeculectomy       PPV       PKP       Other____________________

[ ] Beginning [ ] Middle [ ] End of Rotation

Preoperative Planning/Knowledge of Patient

1  2  3  4  5  NA
Did not recognize or analyze potential ocular/non-ocular risk factors of case
Identified risk factors and had partially complete plan for them
Identified risk factors; planned ahead appropriately

Knowledge of Procedure

1  2  3  4  5  NA
Required specific instruction at most steps.
Demonstrated some forward planning
Familiar with all aspects of procedure

Microscope Use: Centration

1  2  3  4  5  NA
Constantly was asked to re-center and/or re-focus the microscope or eye
Kept the eye centered, maintained good view with microscope

Instrument Handling

1  2  3  4  5  NA
Repeatedly makes tentative, awkward, or inappropriate movements with instruments
Competent use of instruments but occasionally stiff or awkward
Fluid moves with instruments, no awkwardness

Treatment of Ocular Structures and Other Tissues

1  2  3  4  5  NA
Frequently used unnecessary force or caused damage by inappropriate use of instruments
Careful handling of tissues but occasionally caused inadvertent damage
Appropriate handling of tissues and structures. Produced no damage

Flow of Operation: Time and Motion

1  2  3  4  5  NA
Frequently seemed unsure of surgical plan. Many unnecessary movements. Entered and exited eye needlessly
Knew most important steps of the operation. Efficient time/motion/energy but some unnecessary movements
Progressed effortlessly. Maximum efficiency by conserving intraocular motion and energy

Use of Non-dominant Hand

1  2  3  4  5  NA
Does not use non-dominant hand or performs few, inappropriate movements
Performs few movements with dexterity at certain steps of procedure
Uses non-dominant hand with dexterity throughout the procedure

Knowledge of Phacoemulsification and Vitrector Equipment and Instruments

1  2  3  4  5  NA
Frequently asked/used wrong instrument; unaware of proper equipment settings
Knew names of most instruments; used appropriate settings/tools for task
Obviously familiar with instruments and equipment

Surgical Professionalism: Interaction with Assistants/Scrub Nurse/Surgical Preceptor

1  2  3  4  5  NA
Failed to request or use assistance when needed
Appropriate use of assistance most of the time
Strategically used assistant to the best advantage at all times

Handling of Unexpected Operative Events/Adverse Events

1  2  3  4  5  NA
Unable to recognize adverse event or inappropriate over reaction due to inability to request proper assistance
Professional and competent identification of event; appropriate assistance
Superior independent management of event

Overall Performance

1  2  3  4  5  NA
Unable to perform operation independently
Competent, could perform operation with minimal assistance
Clearly superior, performed operation independently with confidence

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