



2014 APD Annual Meeting

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Tips for Optimizing the Experience of the Resident Surgery Rotation



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I have no conflicts of interest or relevant relationships with industry

Skills Require More Than Performing Tasks

- **Judgment:** diagnostic ability, treatment plan, decision making process
- **Knowledge:** indications, contraindications, complications
- **Communication:** consent, comfort of the patient
- **Skill:** preparation, technique, dexterity-required to execute the procedure

Michigan Model

- First year

- Focus on Judgment, Knowledge, Communication

- Second year

- Focus on Skills

- 6 weeks in Mohs clinic, 6 weeks VA clinics, 6 week procedural clinic/cosmetics

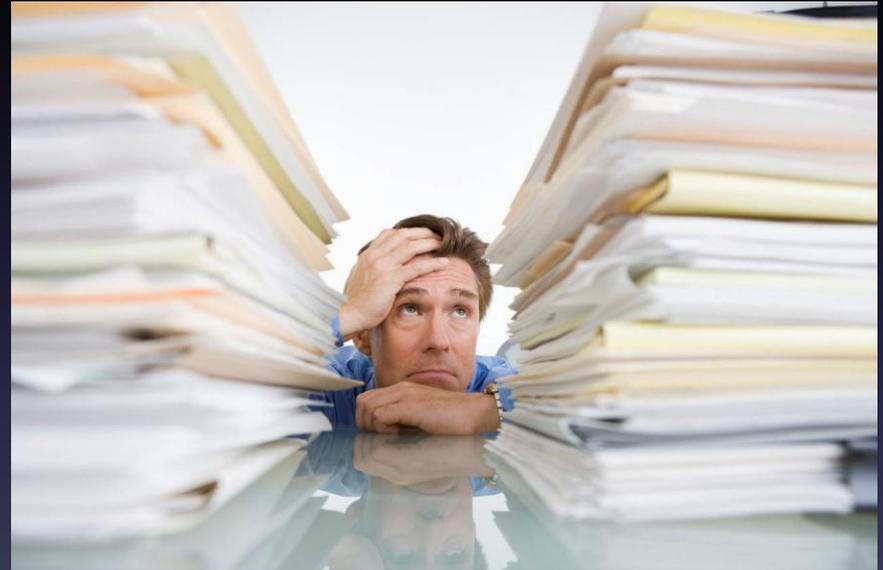
Optimizing the Mohs Clinic Experience

- Define the goals
 - Procedural Skills
 - Surgical Knowledge



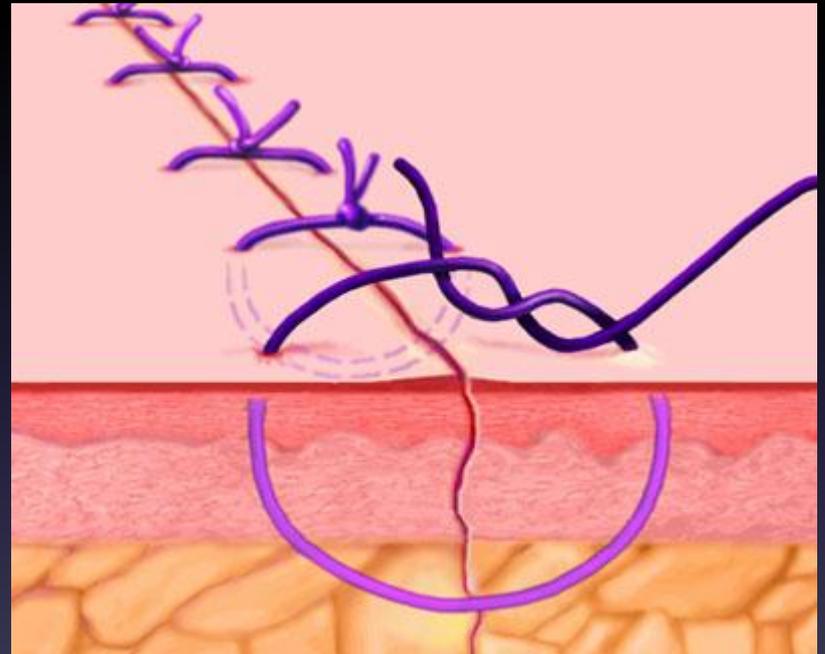
Pearl

- Eliminate paperwork so the resident can focus on learning and developing new skills



Procedural Skills

- Basic skills must be mastered prior to attempting more complex tasks and bad habits learned early are difficult to correct.



Walker and Peyton Method

- **Demonstration:** Instructor performs task at normal speed
- **Deconstruction:** Instructor performs task slowly while talking it through and breaking down the task into simple steps
- **Formulation:** Instructor performs task slowly while being “talked through” the steps by the student
- **Performance:** Student performs the task slowly while talking himself/herself through it

Brief-Instruct-Debrief



- Guided learning improves performance
 - Brief: define the objectives for the procedure based on the learner's needs
 - Instruct: teach during the procedure with focus on the previously identified objectives
 - Debrief: four components
 - reflection, rules, reinforcement and correction

The best teaching is that taught
by the patient himself.

-William Osler, 1903



The educational value of our patient contacts should
not be underutilized. Teaching moments occur
constantly, but they are easily lost in the hustle.

Surgical Knowledge

- Teaching Scripts
- Quizzing Effect



Irby DM. How attending physicians make instructional decisions when conducting teaching rounds. *Academic Medicine* 1992 Oct;67(10):630-8.

In our endless discussions about education so little stress is laid on the pleasure of becoming an educated person, the enormous interest it adds to life. To be able to be caught up into the world of thought - that is to be educated.

- Edith Hamilton

