Cystoscopy Course

The University of Alabama at Birmingham
Department of Obstetrics & Gynecology

The Cystoscopy Course is a two-hour seminar including both didactic and hands-on instruction in cystoscopy and is offered every other year. It is designed to assist ObGyn residents in developing the technique of cystoscopy.

Goals:
The goal of the course is to develop both resident skills and knowledge in the technique of cystoscopy to positively impact clinical practice, specifically:
1. basic cystoscopic knowledge and skills,
2. essentials of the core equipment used in diagnostic cystoscopy,
3. normal and abnormal anatomic findings that may be encountered during cystoscopy

Educational Objectives:

Indications and Instrumentation:
By the end of the course, residents will be able to:
1. Verbalize the indications for performing diagnostic cystoscopy in the operating room or the clinic,
2. Identify, assemble and troubleshoot basic cystoscopic equipment (telescope, bridge, sheath, obturator, light source),
3. Identify the different angles of telescopes and describe their advantages and disadvantages, and
4. Explain basic operative cystoscopic instruments (grasper, cautery, biopsy forcep).

Anatomy:
By the end of the course, residents will be able to:
1. Identify normal bladder and urethral anatomy (dome, base, trigone, ureteral orifices, urethrovesical junction),
2. Identify benign and some malignant anatomic findings in the bladder and urethra, and
3. Perform a full bladder and urethral survey.

Complications:
By the end of the course, residents will be able to:
1. Describe the most common complications of diagnostic cystoscopy, and
2. Describe the management of these complications.

Program Objectives:
1. To provide residents with a 2-hour review of diagnostic cystoscopy.
2. To prepare residents for written and oral boards concerning indications for cystoscopy, normal and abnormal anatomic findings, and complications.
3. To introduce residents to basic cystoscopic equipment used in the clinic and operating room.

Instructional Methods:
1. Didactic presentation
2. Hands-on demonstration
3. Guided practice with feedback

Assessment Measures:
1. Written exams
2. Direct observation