

TOPICS IN CLINICAL FNA

Aspiration Biopsy Cytology

April 2008

SERVICES AT OUTPATIENT CYTOPATHOLOGY CENTER

In needle aspiration biopsy (FNA) is a very sensitive and specific procedure for diagnosing lesions when performed and interpreted by an experienced clinical cytopathologist. The procedure is also safe, well tolerated by patients, requires no anesthesia and patients can return to work immediately after the FNA biopsy. FNA can be employed as a first line procedure in the work-up of most masses in adults and children.

Since 1991, a comprehensive FNA biopsy service has

been offered at the Outpatient Cytopathology Center (OCC). Patients are referred to OCC for aspiration biopsies from physicians in northeast Tennessee and from surrounding states including Virginia, Kentucky, North Carolina, Georgia, and South Carolina. We perform approximately 1900 fine needle aspiration biopsies each year.

Full work-up of the FNA specimen can be done at OCC and special studies such as immunocytochemical stains, flow cytometry and mycobacterial, fungal and bacterial cultures can be obtained.

In addition to aspiration biopsy of palpable masses from virtually any palpable body site, ultrasound guided aspiration biopsies of non-palpable lesions are also routinely performed at OCC.

FNA OF PALPABLE MASSES

BREAST

THYROID

LYMPH NODE

SALIVARY GLAND

SOFT TISSUE

ORAL CAVITY

ULTRASOUND GUIDED FNA

BREAST THYROID SOFT TISSUE

EXFOLIATIVE CYTOLOGY

URINE
NIPPLE SECRETIONS
TZANCK PREPARATIONS
SCRAPINGS

SURGICAL BIOPSY INTERPRETATION

ALL BODY SITES ACCEPTED

ORAL PATHOLOGY SERVICE BIOPSIES

FNA biopsy can be successfully performed on pediatric patients. We have experience with patients as young as 3 weeks of age. The parents have been very pleased with our ability to obtain diagnostic tissue in a relaxed, quick and friendly manner.

Patients requiring a FNA biopsy can usually be scheduled to be seen within one to two days. If needed, we can often see the patient the same day. Reports are issued within 24 hours and faxed to the referring physician's office.

Interpretation of FNA biopsies obtained by other physicians is also offered at OCC. If a biopsy needs to be sent to OCC, we will arrange for courier or transport through the mail or other commercial carrier.

Surgical Biopsies

Since 1998, surgical biopsy interpretative services have been offered. Specimens from all body sites are processed and interpreted at OCC. Specimen types include shave, punch, vabra, LEEP, core and excisional biopsies. A courier service is provided for local specimen pickup. Routine turn around time is 24 hours and a written comprehensive report is issued.

Oral Pathology

Oral pathology services include performing oral FNA biopsies as well as the interpretation of surgical biopsies, touch preparations and aspiration biopsies performed by referring physicians and dentists.

Urine Cytology

Urine cytology is helpful in the evaluation of suspected urinary tract neoplasia and the work-up of hematuria. Often the source of the hematuria, either upper urinary tract or lower urinary tract, can be elucidated by urine cytology. Routine turn around time is less than 24 hours.

Nipple Secretions

Nipple secretory material can be expressed onto a glass slide and interpreted. Cytologically, processes such as a papillary breast neoplasm, infection, fibrocystic changes and galactorrhea can be identified.

Other Non-Gyn Cytology Services

Tzanck preps and wet preps are interpreted at OCC. For specimen preparation details, please call. Routine turn around time is less than 24 hours.

Educational Opportunities

The pathologists at OCC are pleased to offer hands-on experience in performing FNAs. To date, physicians both nationally and internationally have availed themselves of the opportunity to visit OCC and study our biopsy techniques. Family practice residents and medical students from the ETSU programs routinely do rotations at OCC to become familiar with the applications of FNA. Dr. Rollins has received recognition from the American Academy of Family

Physicians for participation as an active teacher in the Family Practice Program.

Dr. Rollins and Dr. Stastny are available and pleased to present educational programs to health care professionals and the lay public on a variety of topics. Topics include Utility of FNA biopsy, FNA of breast masses, thyroid and other body sites and oral pathology. They routinely give lectures to the ETSU Nurse Practitioner senior students.

Patient Referrrals

OCC is an independent anatomic pathology laboratory, which is accredited by the College of American Pathologists. We have 6 employees who help make the laboratory run smoothly and efficiently. We enjoy working with our referring physicians and their staff members. We hope to continue to provide service for your practice. Please let us know if you have any suggestions or complaints.

For further information or to ask questions about a particular patient to determine if the patient is a good candidate for an FNA biopsy, or to schedule an appointment, call the Outpatient Cytopathology Center at 423-283-4734. Our staff will be happy to assist you.

COMPANY PROFILE

OUTPATIENT CYTOPATHOLOGY CENTER (OCC) is an independent pathology practice that specializes in performing and interpreting fine needle aspiration biopsy specimens. OCC is accredited by the College of American Pathologists. The practice was established in 1991 in Johnson City, Tennessee. Patients may be referred for FNA biopsy of most palpable masses as well as for aspiration of non-palpable breast and thyroid masses that can be visualized by ultrasound. OCC is a participating provider with most insurance plans. Our primary referral area includes patients from Tennessee, Virginia, West Virginia, North Carolina, South Carolina, Kentucky and Georgia.

DR. ROLLINS

SUSAN D. ROLLINS, M.D., F.I.A.C. is Board Certified by the American Board of Pathology in Cytopathology, and in Anatomic and Clinical Pathology. Additionally, in 1994 she was inducted as a Fellow in the International Academy of Cytology. She began training under G. Barry Schumann, M.D. at the University of Utah School of Medicine, subsequently completed a fellowship in Cytopathology under Carlos Bedrossian, M.D. at St. Louis University School of Medicine, and has completed a fellowship in Clinical Cytopathology under Torsten Lowhagen, M.D. at the Karolinska Hospital in Stockholm, Sweden. The author of numerous articles in the field of cytopathology, Dr. Rollins also has served as a faculty member for cytopathology courses taught on a national level.

OFFICE

OUTPATIENT CYTOPATHOLOGY CENTER

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> Monday – Friday 8:00 am to 5:00 pm

DR. STASTNY

JANET F. STASTNY, D.O. is Board Certified by the American Board of Pathology in Anatomic Pathology and has specialty boards in Cytopathology. She completed a pathology residency at the University of Cincinnati and subsequently a one-year fellowship in cytopathology and surgical pathology at the Virginia Commonwealth University / Medical College of Virginia. She was on the faculty at the University for 7 years specializing in gynecologic pathology and cytopathology. She has written numerous articles in the field of cytopathology and gynecologic pathology and has taught cytopathology courses at national meetings. She is currently involved on national committees dealing with current issues concerning the practice of cytology.