

ACTA CYTOLOGICA

The Journal of Clinical Cytology and Cytopathology

Volume 40

November–December 1996

Number 6

Contents

Terminology and Recommendations for Breast Fine Needle Aspiration

Editorial: The Uniform Approach to Breast Fine Needle Aspiration Biopsy 1119

Marluce Bibbo, M.D., and Andrea Abati, M.D.
Philadelphia, Pennsylvania, and Bethesda, Maryland, U.S.A.

The Uniform Approach to Breast Fine Needle Aspiration Biopsy: A Synopsis 1120

Developed and approved at a National Cancer Institute–sponsored conference, Bethesda, Maryland, U.S.A., September 9–10, 1996

Original Articles

Glandular Lesions of the Cervix: Validity of Cytologic Criteria Used To Differentiate Reactive Changes, Glandular Intraepithelial Lesions and Adenocarcinoma 1127

John P. DiTomasso, M.D., Ibrahim Ramzy, M.D., M.I.A.C., and Dina R. Mody, M.D.
Portland, Oregon, and Houston, Texas, U.S.A.

Conventional Cervical Cytologic Smears vs. ThinPrep Smears: A Paired Comparison Study on Cervical Cytology 1136

Alex Ferenczy, M.D., M.I.A.C., Juliette Robitaille, C.S.L.T., Eduardo Franco, Ph.D., Jocelyne Arseneau, M.D., Ralph M. Richart, M.D., F.I.A.C., and Thomas C. Wright, M.D.
Montreal, Canada, and New York, New York, U.S.A.

Contribution of the Endocervical Cytobrush Sample to the Diagnosis of Cervical Lesions 1143

Rui Luzzatto, M.D., and Mathilde E. Boon, M.D., Ph.D., F.I.A.C.
Leiden, the Netherlands

p53 Immunoreaction in Hepatocellular Carcinoma and Its Relationship to Etiologic Factors: A Fine Needle Aspiration Study 1148

Isabel Ojanguren, M.D., Eva Castellà, M.D., Mariona Llatjós, M.D., Aurelio Ariza, M.D., and José J. Navas Palacios, M.D.
Barcelona, Spain

- Cytologic Assessment Before and After Intraperitoneal Hyperthermic Chemotherapy for Peritoneal Carcinomatosis** 1154
 Brian W. Loggie, M.D., Ronald A. Fleming, Pharm.D., and Kim R. Geisinger, M.D.
Winston-Salem, North Carolina, U.S.A.
- AgNOR Staining of Cell Imprint Preparations of Human Bladder Cancer** 1159
 Shin-ichirou Jinza, M.D., Masayuki Iki, M.D., Sumio Noguchi, M.D., Taro Shuin, M.D., Yoshinobu Kubota, M.D., Yasuo Takano, M.D., and Mitsunobu Masuda, M.D.
Kanagawa-ken, Fukui and Kitasato, Japan
- Fine Needle Aspiration Cytology of Cellular Pleomorphic Adenoma** 1165
 Tarik M. Elsheikh, M.D., and Edward G. Bernacki, M.D.
Greenville, North Carolina, and Royal Oak, Michigan, U.S.A.
- Fine Needle Aspiration of Thyroid Nodules: Determinants of Insufficiency Rate and Malignancy Yield at Thyroidectomy** 1176
 Henry B. Burch, M.D., Kenneth D. Burman, M.D., H. Lester Reed, M.D., Leigh Buckner, S.C.T.(ASCP), Tracy Raber, S.C.T.(ASCP), and James L. Ownbey, M.D.
Washington, D.C., and Bethesda, Maryland, U.S.A.
- Multinucleated Giant Cells in Thyroid Neoplasms: A Cytologic, Histologic and Immunohistochemical Study** 1184
 Sana O. Tabbara, M.D., Nahla Acoury, M.D., and Mary K. Sidawy, M.D.
Washington, D.C., U.S.A.
- Fine Needle Aspiration Biopsy of the Thyroid Gland in Patients with Prior Graves' Disease Treated with Radioactive Iodine: Morphologic Findings and Potential Pitfalls** 1189
 Barbara A. Centeno, M.D., Wanda M. Szyfelbein, M.D., M.I.A.C., Gilbert H. Daniels, M.D., and Austin L. Vickery, Jr., M.D.
Boston, Massachusetts, U.S.A.
- Histologic Processing of Thick Tissue Specimens from Cytology Slides: A Novel Technique** 1198
 Dick H. Verbeek, C.T.(E.F.C.S.), Frank Smedts, M.D., Ph.D., Carolien W. Wijnen-Dubbers, C.T.(IAC), and Marcel Mravunac, M.D.
Nijmegen, the Netherlands
- Fine Needle Aspiration Cytology of Orbital Masses** 1205
 Joan F. Cangiarella, M.D., Antonio Cajigas, M.D., Edward Savala, M.D., Paul Elgert, C.T.(ASCP), C.M.I.A.C., Thomas L. Slamovits, M.D., and Mark J. Suhrland, M.D.
Bronx, New York, U.S.A.
- Ber-EP4 for Differentiating Adenocarcinoma from Reactive and Neoplastic Mesothelial Cells in Serous Effusions: Comparison with Carcinoembryonic Antigen, B72.3 and Leu-M1** 1212
 Michael E. Bailey, M.D., Richard W. Brown, M.D., Dina R. Mody, M.D., Philip Cagle, M.D., Ibrahim Ramzy, M.D., M.I.A.C.
Houston, Texas, U.S.A.
- C-erb B2 Oncoprotein Expression: Correlation with the Ki-67 Labeling Index and AgNOR Counts in Breast Carcinoma on Fine Needle Aspiration Cytology** 1217
 Sanjay K. Sinha, M.D., Usha R. Singh, M.D., and Arati Bhatia, M.D.
Shahdara, Delhi, India
- Imprint Cytology of Nasopharyngeal Biopsies** 1221
 Tsu-Yi Chao, M.D., D.Med.Sci., Wen-Yaw Chiou, M.D., M.S., Jia-Guang Liang, M.D., Ph.D., and Tang-Yi Tsao, M.D., M.S.
Taipei, Taiwan, Republic of China

- Positive Economic and Diagnostic Accuracy Impacts of On-Site Evaluation of Fine Needle Aspiration Biopsies by Pathologists** 1227
Husain A. Saleh, M.D., M.I.A.C., and Ghada Khatib, M.D.
Detroit, Michigan, U.S.A.
- Cytohistologic Correlation in Malignant Peritoneal Washings: Analysis of 75 Malignant Fluids** 1231
Nicholas Mulvany, M.B., F.R.C.P.A., F.I.A.C.
Melbourne, Australia
- Increased Natural Killer Cells in Fluids: A New, Sensitive Means of Detecting Carcinoma** 1240
Linda K. Green, M.D., and Jim Griffin
Houston, Texas, U.S.A.
- Differential Diagnosis of Adenoid Cystic Carcinoma from Pleomorphic Adenoma of the Salivary Gland on Fine Needle Aspiration Cytology** 1246
Seung-Sook Lee, M.D., Kyung-Ja Cho, M.D., Ja-June Jang, M.D., M.I.A.C., and Eui Keun Ham, M.D.
Seoul, Korea
- Tuberculous Orchitis Diagnosed by Fine Needle Aspiration Cytology** 1253
Perikala V. Kumar, M.D., M.I.A.C., Seyyed Mohammad Owji, M.D., and A. A. Khezri, M.D.
Shiraz, Iran
- Cytomorphology of Langerhans Cell Histiocytosis** 1257
Živa Pohar-Marinšek, M.D., and Marija Us-Krašovec, M.D., Ph.D., F.I.A.C.
Ljubljana, Slovenia
- Chemotherapy- and Radiotherapy-Induced Cytologic Alterations in the Sputum of Patients with Inoperable Lung Carcinoma: Role in Follow-up** 1265
Ibrahim Öztekin, M.D., F.A.C.A., Hüseyin Baloğlu, M.D., Necdet Üskent, M.D., Zafer Kartaloğlu, M.D., Ergün Uçmaklı, M.D., Recep Aydilek, M.D., Osman Dorkip, M.D., Mustafa Yaylacı, M.D., and Melih Özel, M.D.
Istanbul, Turkey
- Cost-Effectiveness of Rescreening Conventionally Prepared Cervical Smears by PAPNET Testing** 1272
Cyde B. Schechter, M.A., M.D.
New York, New York, U.S.A.
- Case Reports**
- Correlation of Light Microscopic, Immunocytochemical and Ultrastructural Cytomorphology of Anaplastic Large Cell Ki-1 Lymphoma, an Activated Lymphocyte Phenotype: A Case Report** 1283
John C. Papadimitriou, M.D., Ph.D., Lynne V. Abruzzo, M.D., Ph.D., Patricia M. Bourquin, C.T.(ASCP), and Cinthia B. Drachenberg, M.D.
Baltimore, Maryland, U.S.A.
- Rhabdoid Cells in Peritoneal Fluid: A Case Report** 1289
Janet F. Stastny, D.O., Alan C. Harris, M.D., Jonathan Ben-Ezra, M.D., Suhail Nasim, M.D., and William J. Frable, M.D., F.I.A.C.
Richmond, Virginia, U.S.A.
- Metastases to the Breast from Extramammary Neoplasms: A Report of Six Cases with Diagnosis by Fine Needle Aspiration Cytology** 1293
Henryk A. Domanski, M.D.
Kristianstad, Sweden

- Nodular Cervical Induration in a Violinist: Report of a Case with Fine Needle Aspiration Cytologic Findings** 1301
 Esperanza Carabias, M.D., Patricia Dhimes, M.D., Pedro de Agustín, M.D., Ph.D., F.I.A.C., and Eduardo Gutierrez, M.D., Ph.D.
Madrid, Spain
- Cytologic Features of Primary Adenoid Cystic Carcinoma of the Uterine Cervix: A Case Report** 1304
 Esther Ravinsky, M.D., F.R.C.P.C., Janice R. Safneck, M.D., F.R.C.P.C., and Nick Chantziantoniou, A.R.T., B.Sc.
Winnipeg, Manitoba, Canada
- Fine Needle Aspiration Cytology of Anaplastic Carcinoma with Osteoclastlike Giant Cells of the Thyroid: A Case Report** 1309
 Ji Shin Lee, M.D., Min Cheol Lee, M.D., Chang Soo Park, M.D., and Sang Woo Juhng, M.D.
Kwangju, Seoul, Korea
- Fine Needle Aspiration Cytology of Recurrent Malignant Tumor of the Kidney with Rhabdoid Features in an Adult: A Case Report** 1313
 Yasmin Yusuf, M.D., Augusta H. Belmonte, M.D., and Victor Tchertkoff, M.D.
New York, New York, U.S.A.
- Letters to the Editors**
- Partial Rescreening as a Quality Assurance Method** 1323
 Christopher A. Faraker, M.Sc.
Hastings, East Sussex, United Kingdom
- Reply** 1324
 Paul Krieger, M.D., M.I.A.C., and Sonya Naryshkin, M.D., F.I.A.C.
Teterboro, New Jersey, and Janesville, Wisconsin, U.S.A.
- Reviewer's Comments** 1324
 Myron R. Melamed, M.D., F.I.A.C.
Valhalla, New York, U.S.A.
- Fine Needle Aspiration Cytology of Cutaneous Meningioma** 1325
 Suresh Mandreker, M.D., and Roque Wiseman Pinto, M.D., D.N.B.
Bambolim, Goa, India
- Microfilaria of *Wuchereria bancrofti* in Fine Needle Aspiration Smears** 1326
 Roque Wiseman Pinto, M.D., D.N.B., and Suresh Mandreker, M.D.
Bambolim, Goa, India
- Detection of Hyphae in Pus with Fungiflora Y** 1327
 Masatomo Kimura, M.D., Toshiya Takeda, M.D., Shunji Maekura, M.D., and Shigeo Hasimoto, M.D.
Osaka, Japan
- The Alcohol-Drop Solution: An Aid in Cytologic Screening** 1328
 Patricia Dhimes, M.D., Esperanza Carabias, M.D., and Pedro De Agustín, Ph.D., F.I.A.C.
Madrid, Spain

Filarial Ascites Clinically Mimicking Malignancy	1329
Ravi Mehrotra, M.D., O. P. Gupta, M.D., and Raj K. Gupta, M.D., F.I.A.C. <i>Allahabad, India</i>	
Pseudonucleoli in an Aspirate of Metastatic Retinoblastoma	1330
Shyamalendu Mandal, M.D., Kusum Kapila, M.D., F.I.A.C., and Kusum Verma, M.D., M.I.A.C., F.A.M.S. <i>New Delhi, India</i>	
Identification of <i>Giardia lamblia</i> by Gastric Brush Cytology	1331
Elisa Muñoz, M.D., Ph.D., Teodoro Carmona, M.D., Ph.D., Fernando Chaves, M.D., Ph.D., José I. Paz, M.D., Ph.D., and Agustín Bullón, M.D., Ph.D. <i>Salamanca, Spain</i>	
<i>Indexes</i>	
Reviewers and Consultants	1335
Contributor Index	1337
Subject Index	1354