



**E-POSTER**

No. 001

# **Cytologic characteristics and mimics of secretory carcinoma of the salivary gland**

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No. 002

# **Metastatic squamous cell carcinoma diagnosed by body fluid cytology: a clinicopathologic and cytomorphologic study of 13 cases. Metastatic squamous cell carcinoma in effusion cytology**

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No. 007

# **Evaluating staining quality in gynaecological cytology: insights from a comparative study of progressive and regressive staining methods**

**A. Kaur**, K.L. Soo

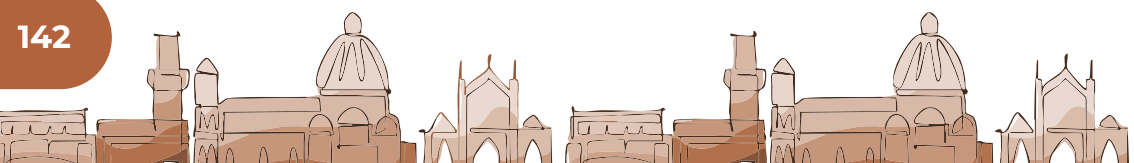
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No. 011

# **Lymphoepithelial cyst of the salivary gland with application of the second edition of Milan System**

**Mitsuaki Ishida**, Naoto Kohno, Yoshinobu Hirose

Department of Pathology, Osaka Medical and Pharmaceutical University, Takatsuki City, Osaka, Japan.



No. 013

**Detection of Lupus erythromatosus (LE) cells in ascites by cytological examination; unusual initial presentation of systemic lupus erythematosis: A case report laboratory view**

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No. 017

**Cytological features of oncocytic pleomorphic adenoma of the salivary gland**

**Naoto Kohno**, Mitsuaki Ishida, Yoshinobu Hirose

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No. 018

**Cytological diagnosis of squamous cell atypia with an artificial intelligence algorithm**

**G. Fabra**, F. Tresserra, C. Fernández-Cid, C. Gómez, M. Castella, O. Luque

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No. 019

**Distribution of TIRADS score in AUS thyroid nodules tested by Afirma GSC and managed by surgical-clinical follow-up**

**X. Jin<sup>1</sup>**, A. Pandya<sup>2</sup>, M. Lew<sup>1</sup>, B. Smola<sup>1</sup>, W. Hao<sup>3</sup>, Y. Geng<sup>3</sup>, X. Jing<sup>1</sup>

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No. 022

**Distinguishing the tall cell from other subtypes of PTC on FNA: a morphometric and cytological study**

**A.K. Adhya**, S.S.James, M Sethy, S Purkait, P Mishra, M.N Sable, P Ayannar

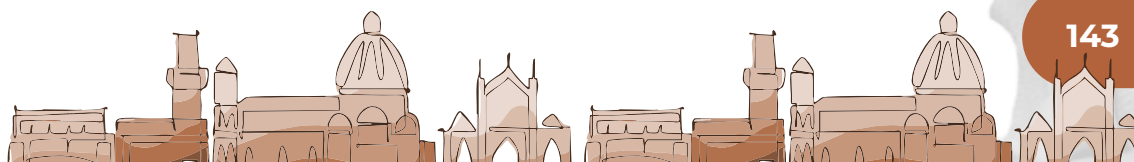
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No. 023

**A single case of synchronous chronic myelomonocytic leukemia and diffuse b cell lymphoma- case report laboratory view**

**Alshikh A.**, N. Ab. Ibrahim

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Nr. 044

### **A retrospective multicenter study of bile cytology in Japan: possibility of improving diagnostic accuracy of bile cytology using liquid-based cytology**

**Y. Naito**<sup>1</sup>, A. Kawahara<sup>2</sup>, T. Tokumitsu<sup>3</sup>, D. Nagayama<sup>4</sup>, R. Makino<sup>2</sup>, E. Sadashima<sup>5</sup>, K. Nakamura<sup>6</sup>, T. Nagatomo<sup>7</sup>, C. Hayakawa<sup>8</sup>, K. Mizuguchi<sup>9</sup>

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Nr. 046

### **Frist slovenian retrospective analysis of accuracy of cytopathological diagnosis of thyroid Nodules**

**Ž. Ledinek**<sup>1,6</sup>, L. Ivanovska<sup>2,5</sup>, B. Perić<sup>3</sup>, K. Zaletel<sup>2,5</sup>, V. Kloboves-Prevodnik<sup>4,6</sup>

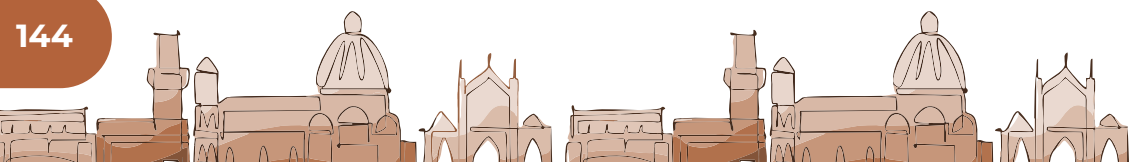
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Nr. 052

### **Utility of lung imprint cytology in infectious disease surveillance in forensic autopsies at kenyatta national hospital**

**W. O. Ochieng**<sup>1</sup>, E. O. Walong<sup>2</sup>, J. R. Ndungu<sup>1</sup>

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Nr. 064

**Cytodiagnosis of follicular variant of acinic cell carcinoma of salivary gland: a rare case report**

**M. Kumar<sup>1</sup>, A.K. Singh<sup>1</sup>, N. Akhtar<sup>2</sup>**

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Nr. 065

**A systematic review on the early detection of oral cancer using artificial intelligence and electronic tongue technology**

**Dr. Maryam, Dr. Rabail Khero, Dr. Iqra Ali, Prof. Dr. Uzma Zareef**

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Nr. 068

**Cryptococcal meningitis in a pancreas transplant recipient: Case report**

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Nr. 071

**Investigating the impact of pre-fixation processes on nucleic acid quality in cytological samples**

**Hideyuki Abe<sup>1</sup>, Akihiko Kawahara<sup>1</sup>, Yoshiki Naito<sup>2</sup>, Ryo Makino<sup>1</sup>, Takato Kumagae<sup>1</sup>, Yoshinao Kinjou<sup>3</sup>, Tarou Shioga<sup>3</sup>, Masahiko Tanigawa<sup>3</sup>, Hironori Kusano<sup>1</sup>, Jun Akiba<sup>3</sup>**

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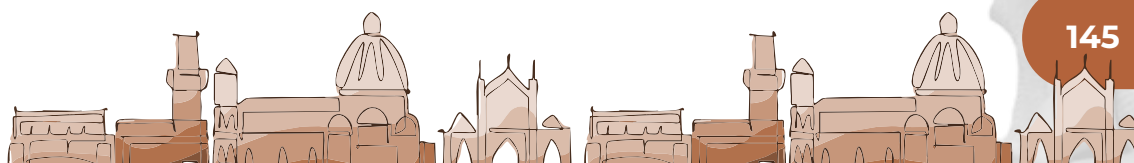
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Nr. 072

**Cytohistologic correlation of biliary brushings during ERCP. A 5 years' experience**

**P. Zili, A. Athanasopoulou, E. Christodoulis, E. Mpota, E. Geropoulou, Ch. Psachoulia**

Department of Pathology and Cytology, University Hospital of Patras, Greece



Nr. 080

**Diagnostic utility of cell block in pleural and bronchial samples from clinically suspected cases of lung malignancies**

**Tummidi Santosh**, Ananya NG, Sudip Ghosh, Rama Saha

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Nr. 081

**Reclassification of serous fluids: experience in our institution in Buenos Aires, Argentina**

**M. Occhionero**, A. Rocher, C. Gimenez, F. Guerra, L. Palaoro, G. Mendeluk

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Nr. 084

**Cytomegalovirus presence and CXCR4 gene expression in various lung adenocarcinoma cytological smears**

**S. Harabajsa**<sup>1,2,3</sup>, P. Gršković<sup>3</sup>, V. Begić<sup>4</sup>, S. Badovinac<sup>5,6</sup>, M. Jakopović<sup>5,6</sup>, S. Smojver-Ježek<sup>1,2,6</sup>, P. Korać<sup>3</sup>

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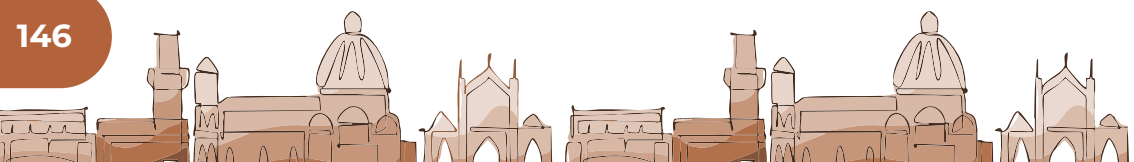
Nr. 086

**Investigation into the supplementary diagnostic utility of CK20 and P53 immunocytochemical staining in urine cytology**

**Shurong He**<sup>1</sup>, Longteng Liu<sup>1</sup>, Chenyang Li<sup>1</sup>, Songtao Hu<sup>1</sup>, Pengjie Wu<sup>2</sup>, Dongge Liu<sup>1</sup>

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Nr. 088

**Utility of hematology analyzer (thin prep processor) in analysis of serous: detection of malignant cells in serous effusions**

**Anuradha Sekaran**, Venkat Rao Guduru, Nageshwar Reddy Duvvur

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Nr. 091

**Solitary fibrous tumor of the thyroid: case report and review of the literature**

**V.Belsito**, F. Migliorati, M. Guaragni, L. Melocchi, M. Ungari

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Nr. 093

**Comparative study of rapid, economical, acetic acid, papanicolaou stain (REAP) over conventional papanicolaou stain in oral cytology**

**Tummidi Santosh**, Soutrik Sur, Gitismita Naik, Debanshu Ghosh, Santosh Kumar Mondal, Debraj Howlader

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Nr. 095

**Noninvasive biomarker of glomerular disease  
Urinary podocytes detected by liquid-based cytology and immunoenzyme staining**

**K. Takahashi**<sup>1</sup>, J. Sakane<sup>1</sup>, K. Hirata<sup>1</sup>, A. Nakamura<sup>2</sup>, K. Yasuda<sup>3</sup>, K. Arai<sup>3</sup>, M. Suzuki<sup>3</sup>, H. Kitayama<sup>4</sup>, K. Nagai<sup>5</sup>, H. Ohsaki<sup>6</sup>

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Nr. 097

**Cytokeratin evaluation for cytological diagnosis in oral mucosal lesions**

**K. Kawarada**<sup>1</sup>, T. Ochiai<sup>2</sup>, Y. Miyamoto<sup>2</sup>, H. Suwa<sup>3</sup>, M. Ehara<sup>2</sup>, M. Nagayama<sup>2</sup>

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Nr. 100

**Cell-blocks from biopsy leftovers: a valuable diagnostic tool**

**R.Fagulha**<sup>1</sup>, R. Roque<sup>1,2</sup>, B. Ferreira<sup>2</sup>, B. Lopes<sup>2</sup>, R. Cardoso<sup>2</sup>,  
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Saúde, Instituto Politécnico de Lisboa, Portugal

Nr. 101

**Preservation of morphological and antigenic characteristics  
of cells stored for 1–8 days in in-house collection media at the  
institute of oncology ljubljana**

**Anamarija Kuhar**<sup>1</sup>, Simona Miceska<sup>1</sup>, Veronika Kloboves Prevodnik<sup>1,2</sup>

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Nr. 103

**VaMP study:  
focus on HPV genotyping and cytology,  
as triage method congress topic: gyn cytology**

**J.Viti**<sup>1</sup>, I. Paganini<sup>1</sup>, O. Cutaia<sup>1</sup>, A. Mongia<sup>1</sup>, S. Bisanzi<sup>1</sup>, G. Fantacci<sup>1</sup>,  
C. Giachini<sup>1</sup>, G. Pompeo, C. Di Stefano<sup>1</sup>, C. Sani<sup>1</sup>

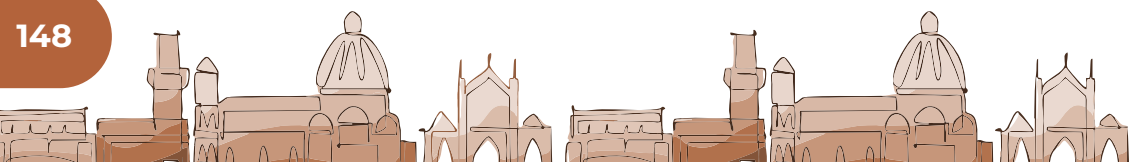
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Nr. 110

**A simple, effective method to prepare cell blocks  
with the use of cytocentrifuge**

**Agnousiotis G**, Staikou A, Dinou A, Gotsi E, Feritsean A, Vardouli A

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Nr. 112

**Pancreatic neuroendocrine tumours: correlation of Ki-67 in pre-operative FNAB and histology**

**M.L. Sacramento<sup>1,2</sup>, M. Simplício<sup>1,2</sup>, J. Lopes<sup>1,2</sup>**

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Nr. 113

**HPV typing and cytology screening of anal canal neoplasia: a unicenter 6-year review**

**L.Ruivo<sup>1,2</sup>, T.Oliveira<sup>1</sup>, A.Gradil<sup>1</sup>**

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Nr. 115

**p40 expression and focal keratinization in NUT carcinoma: a diagnostic pitfall**

**Rita Abi-Raad, Harsimar Kaur**

Department of Pathology, Yale-New Haven Hospital, United States

Nr. 117

**A case of colon cancer and peritoneal mesothelioma**

**Shigeyuki Sugie<sup>1</sup>, Takuji Tanaka<sup>1,2</sup>, Hiroyuki Tomita<sup>3</sup>**

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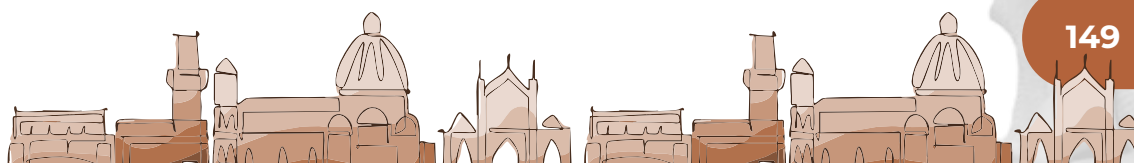
Nr. 119

**Depleting the ASCUS category after primary HPV screening: exploring interobserver variability**

**D. Cominetti<sup>1</sup>, G. Finzi<sup>1</sup>, R. Maragliano<sup>1</sup>, M. Raso<sup>1</sup>, S. Ronchi<sup>1</sup>, S. La Rosa<sup>1,2</sup>**

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Nr. 122

**Cytological evaluation of signet ring cell-like cells in intraductal papillary mucinous neoplasm****Y. Obara<sup>1</sup>**, M. Fujioka<sup>1</sup>, Y. Yoshida<sup>1</sup>, A. Hashimoto<sup>1</sup>, A. Hagiwara<sup>1</sup>, K. Ikeda<sup>1</sup>, M. Orita<sup>1</sup>, Y. Tajika<sup>1</sup>, K. Hirabayashi<sup>2</sup><sup>1</sup>Laboratory of Anatomic Pathology, Toyama University Hospital, Toyama, Japan<sup>2</sup>Department of Diagnostic Pathology, Toyama University Hospital, Toyama, Japan

Nr. 123

**The Study of CDKN2a Homozygous Deletion in Gliomas with Immunohistochemical Expression and Cytohistological Correlation in the Indian Subcontinent: A Single Institute Experience****M. Kumar<sup>1</sup>**, A.K. Singh<sup>1</sup>, N. Akhtar<sup>2</sup>.<sup>1</sup>Department of Pathology, King George's Medical University, Lucknow, India<sup>2</sup>Department of Surgical Oncology, King George's Medical University, Lucknow, India

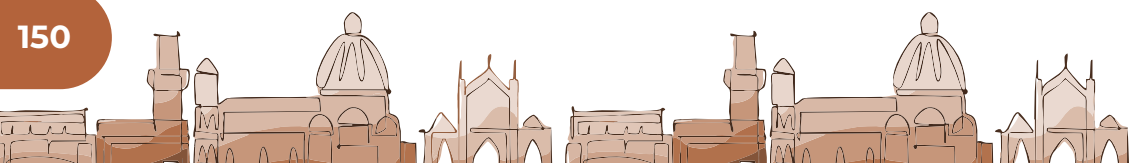
Nr. 126

**Imprint cytology of the sentinel lymph nodes in cervical cancer****E. Holjević<sup>1,2</sup>**, S. Eminović<sup>1,2</sup>, S. Štemberger-Papić<sup>1</sup>, D. Verša Ostojić<sup>1</sup>, R. Rubeša<sup>1</sup>, D. Vrdoljak-Mozetić<sup>1,2</sup><sup>1</sup>Clinical Hospital Centre Rijeka, Clinical Department of Pathology and Cytology, Rijeka, Croatia <sup>2</sup>University of Rijeka, Faculty of Medicine, Department of General pathology and pathological anatomy, Rijeka, Croatia

Nr. 129

**Cytological diagnosis of cutaneous granular cell tumor: a rare tumor with rare presentation. A case report and clinicopathologic study, of an uncommon soft tissue tumor****Shima Al Khuri<sup>1</sup>**, Bushra Al Hatrooshi<sup>2</sup><sup>1</sup>Oman Medical Specialty board, Muscat, Oman<sup>2</sup>Department of Histopathology, The Royal Hospital, Muscat, Oman.

Nr. 131

**Cytological diagnosis of peritoneal tuberculosis in a child: case report****N. Belagoune**, S.H. Benmadjate, A. Boudjlida, A. Bachir<sup>1</sup>Department of medicine, University of Batna02, Batna, Algeria;<sup>2</sup>Department of medicine, University of Constantine03, Constantine, Algeria<sup>3</sup>Department of medicine, University of Batna02, Batna, Algeria<sup>4</sup>Department of medicine, University of Algiers01, Algiers, Algeria

Nr. 132

### **Challenges in cytological diagnosis of metastatic neoplasms to the pancreas: a case series**

**E. Politi<sup>1</sup>**, D. Grapsa<sup>1</sup>, M. Tsironikou<sup>1</sup>, I. Papanikolaou<sup>2</sup>, I. Zyl<sup>1</sup>

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Nr. 133

### **Development of self-multilayered cell sheets using umbilical cord-derived mesenchymal stem cells for regenerative medicine**

**Mai Mochizuki**, Taka Nakahara

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Nr. 137

### **Cytopathology of peripheral nerve sheath tumours**

**E. Dvindenko<sup>1</sup>**, F. Santos<sup>1</sup>, M.M. Lemos<sup>1</sup>

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Nr. 140

### **Clinical trial of HPV mRNA testing for uterine cervical cancer screening in Kitakyushu city**

**Yusuke Matsuura<sup>1</sup>**, Tomoko Kurita<sup>2</sup>, Kiyoshi Yoshino<sup>2</sup>

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<sup>2</sup>Department of Obstetrics and Gynecology, School of Medicine, University of Occupational and Environmental Health, Japan

Nr. 141

### **Myeloid sarcoma in patient with oropharyngeal carcinoma**

**Mia Sunjic Stakor**, Marin Pazur, Biljana Jelic Puskaric, Sandra Moslavac

University Hospital Merkur, Department of Pathology and Cytology, Zagreb, Croatia

Nr. 144

### **Identification of early detection markers of oral potentially malignant disorders and oral squamous cell carcinoma using oral liquid-based cytology**

**K. Haga**, S. Maruyama, M. Yamazaki, T. Abé, J. Tanuma

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Nr. 151

**Expression of Claudin-18.2 in cytologic and histologic specimens of gastric adenocarcinoma****Harsimar Kaur**, Minhua Wang, Xi Wang, Xuchen Zhang, Guoping Cai*Department of Pathology, Yale University School of Medicine, New Haven, Connecticut, USA*

Nr. 155

**A rare case of presacral ganglioneuromas diagnosed by fine needle aspiration cytology****Mahmud Baghirzade**<sup>1</sup>, Bahadur Abbasov<sup>2</sup>, Masmalı Mustafayev<sup>2</sup>, Jamal Musayev<sup>1</sup>, Sabina Shakhuseynova<sup>2</sup><sup>1</sup>*Baku Pathology Center, Baku, Azerbaijan*<sup>2</sup>*National Oncology Center, Pathology Department, Baku, Azerbaijan*

Nr. 156

**Fine needle aspiration of alveolar soft part sarcoma: cytomorphological feature and TFE3 immunostaining****Yu-Deok Choi**<sup>1</sup>, Chang-Soo Park<sup>2</sup><sup>1</sup>*Department of pathology, Chonnam National University Hospital*<sup>2</sup>*Seegene Medical Foundation, Gwangju, Republic of Korea*

Nr. 162

**The oral self-cell collection of liquid-based cytology for early detection of oral cancer in japan: the benefits and challenges****Masaru Sasaki**<sup>1</sup>, Toshiya Miura<sup>2</sup><sup>1</sup>*Yuwakai Medical Corporation Dental Clinic Outpatient Cytopathology Center, Miyagi, Japan* <sup>2</sup>*Tohoku Institute of Pathophysiology, Morioka, Japan*

Nr. 164

**Nodular fasciitis in the buccal region - perspectives on definitive diagnosis using cytological samples****K. Kanemoto**<sup>1</sup>, T. Kawasaki<sup>2</sup>, S. Kanno<sup>2</sup>, R. Sato<sup>1</sup>, T. Yamazaki<sup>1</sup>, Y. Ebihara<sup>1</sup>, M. Hirasaki<sup>3</sup>, T. Muramatsu<sup>4</sup>, T. Tashima<sup>4</sup>, J. Ichikawa<sup>5</sup><sup>1</sup>*Department of Head and Neck Surgery, Saitama Medical University International Medical Center, Hidaka* <sup>2</sup>*Department of Pathology, Saitama Medical University International Medical Center, Hidaka* <sup>3</sup>*Department of Clinical Cancer Genomics, Saitama Medical University International Medical Center, Hidaka*<sup>4</sup>*Department of Gastroenterology, Saitama Medical University International Medical Center, Hidaka* <sup>5</sup>*Department of Orthopedic Surgery, Interdisciplinary Graduate School of Medicine, University of Yamanashi, Chuo, Japan.*

Nr. 165

### **Pericardial synovial sarcoma - perspectives on definitive diagnosis using cytological samples**

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Nr. 166

### **Cervical cancer and its precursors detected by screening test in some hospitals of Mongolia**

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Nr. 168

### **Head and neck cystic lesions: our clinical experience over the last decade**

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Nr. 169

### **Applicability of the WHO pancreatic cytopathology reporting system in a brazilian cancer center**

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Nr. 171

**A rare case report of a challenging cytological diagnosis:  
acinic cell carcinoma of parotid gland**

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Nr. 176

**Cytologic primary diagnosis  
of a cervical carcinoma in endometrial fluid**

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Nr. 177

**The mutations in the development of pancreatic ductal  
adenocarcinoma estimated from the cells obtained by  
endoscopic fine needle aspiration biopsies**

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Margareta Strojan Fležar

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Nr.179

**Cytological diagnosis  
of malignant mesothelioma (pleural fluid) in a young man**

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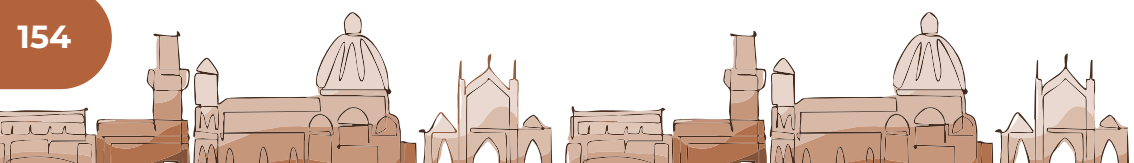
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Nr. 181

**Claudin 7 immunocytochemistry in urine samples:  
a potential biomarker for low-grade bladder carcinoma**

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Nr. 184

**Squamous cells in thyroid fine-needle aspiration samples: differential diagnosis and pitfalls**

**Ruhani Sardana**, Darin Dolezal, Rita Abi-Raad, Adebowale Adeniran, Guoping Cai

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Nr. 185

**Role of cytomorphology and molecular testing in diagnosis of pleural mesothelioma on effusion cytology: 10-year audit of histopathologically confirmed cases from a low prevalence country**

**Aruna Nambirajan**, Shraddanjali Satapathi, Saad Salman, Rimlee Dutta, Prabhat Singh Malik, Deepali Jain

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Nr. 186

**Diagnostic utility of non-lesional pancreatic duct fine-needle aspiration: a 10-year institutional review**

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Nr. 187

**Implementation of cytologic reporting systems during laboratory information system changes: a perspective from a large health system in the united states with three independent laboratories**

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Nr. 190

**ALK-Positive NSCLC-minimally invasive diagnostic approaches: enhancing precision and patient care**

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Nr. 193

**The role of transthoracic fine needle aspiration in benign lung lesion: pulmonary mycetoma**

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Nr. 196

**Efficacy of glacial acetic acid wash for improving cytologic visualization of hemorrhagic fine needle aspirates**

**Mega Lahori**, Samkishya Neupane, Adyasha Padhi,  
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Nr. 200

**Glucagon-like peptide-1 analogue amyloidosis: novel or not? an institutional retrospective study**

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Nr. 204

**Pleural effusion as initial manifestation in a patient with non - CLL lymphoproliferative neoplasm**

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Nr. 212

**Case report:  
malignant melanoma metastatic to the thyroid gland**

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I. Lamponikou, EM. Petropoulos.

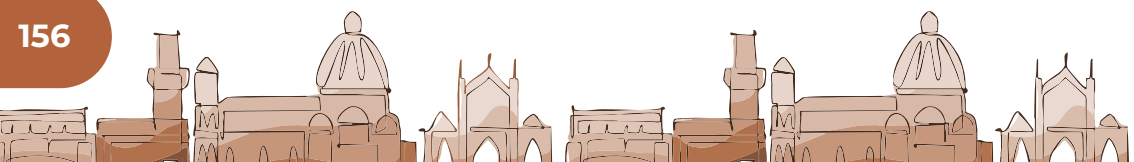
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Nr. 213

**Case report: metastatic gastric cancer to the thyroid gland**

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Nr. 214

### **Science or social buzz: does your paper need followers?**

#### **Report of the Cytopathology Journal SoMe Team"**

**C. Zioga**<sup>1</sup>, M. Kebe Radulovic<sup>2</sup>, J. Musayev<sup>3</sup>, L. Wheeldon<sup>4</sup>, V. Manucha<sup>5</sup>, S. Satturwar<sup>6</sup>, J. Li<sup>7</sup>, P. Viehl<sup>8</sup>

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Nr. 215

### **Evaluating the impact of rapid on-site evaluation (ROSE) on the diagnostic yield of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA)**

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Nr. 216

### **Thyroid atypical spindle cell/pleomorphic lipomatous tumor: a case report**

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Nr. 218

### **Evaluating the feasibility of PCR-based high-risk HPV testing on cytology samples from cystic lesions of the neck**

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