

**DAFTAR PUSTAKA**

- Agarwal, S. (2005). Manual for Cytology. India: Directorate General of Health Services Ministry of Health and Family Welfare Government of India, pp.5 - 30.
- Al-Abbadi M. A. (2011). Basics of cytology. *Avicenna journal of medicine*, 1(1), 18–28. doi:10.4103/2231-0770.83719
- Apriyani, N., Sulastri, H., Maulani, H. and Saleh, I. (2011). Perbandingan Pemeriksaan Sitologi Apus Serviks Konvensional (ASK) dengan Liquid Based Preparation (LBP). *Majalah Patologi Indonesia*, 20(1), pp.21-26.
- Assawasaksakul, T., Boonsarnsuk, V. and Incharoen, P. (2017). A comparative study of Conventional Cytology and Cell Block Method in the Diagnosis of Pleural Effusion. *Journal of Thoracic Disease*, 9(9), pp.3161-3167.
- Bales, C. E. (2006). Laboratory techniques. In : Koss, L. G. and Melamed, M.R.(eds.). *Koss' diagnostic cytology and its histopathologic bases 5th ed'*, Philadelphia, Lippincott William & Wilkins, pp. 569-622
- Basnet S., Talwar O. P. (2012) Role of cell block preparation in neoplastic lesions. *Journal of Pathology of Nepal* 2: 272-276
- Beamis, J., Becker, H., Cavaliere, S., Colt, H., Diaz-Jimenez, J., Dumon, J., Edell, E., Kovitz, K., Macha, H., Mehta, A., Marel, M., Noppen, M., Strausz, J. and Sutedja, T. (2002). ERS/ATS statement on interventional pulmonology. *European Respiratory Journal*, 19(2), pp.356-373.

- Bindhu, P., Krishnapillai, R., Thomas, P., & Jayanthi, P. (2013). Facts in artifacts. *Journal of Oral and Maxillofacial Pathology: JOMFP*, 17(3), pp. 397–401.  
<http://doi.org/10.4103/0973-029X.125206>
- Burlingame, O., Kessé, K., Silverman, S. and Cibas, E. (2011). On-site adequacy evaluations performed by cytotechnologists. *Cancer Cytopathology*, 120(3), pp.177-184.
- Byrd, R. P., Karnad, A. B., Mathai, M. G., Shantaveerappa, H. N., Mehta, J. B., & Roy, T. M. (2002). Intervention in patients with pneumothorax immediately following CT-guidedfine needle aspiration of pulmonary nodules. *Medical Science Monitor*, 8(6), CR401-CR404.
- Cibas, E. (2014). Pleural, Pericardial, and Peritoneal Fluids. In: E. Cibas and B. Ducatman, ed., *Cytology: Diagnostic Principles and Clinical Correlates*, 4th ed. Elseviers Saunders, pp.129 - 131.
- Cibas, E. S. and Ducatman, B. S. (2009). *Cytology : Diagnostic Principles and Clinical Correlates*. 3<sup>rd</sup> edition. Saunder Elsevier : Philadelphia. Pp. 6 – 18
- Collins, B. (2012). Endobronchial ultrasound fine-needle aspiration biopsy of pulmonary non-small cell carcinoma with subclassification by immunohistochemistry panel. *Cancer Cytopathology*, 121(3), pp.146-154.
- Coussens, L. and Werb, Z. (2002). Inflammation and cancer. *Nature*, 420(6917), pp.860-867.
- Davey, E., Barratt, A., Irwig, L., Chan, S., Macaskill, P., Mannes, P. and Saville, A. (2006). Effect of study design and quality on unsatisfactory rates, cytology

classifications, and accuracy in liquid-based versus conventional cervical cytology: a systematic review. *The Lancet*, 367(9505), pp.122-132.

Divisi Onkologi Toraks Departemen Pulmonologi dan Ilmu Kedokteran Respirasi. (2006). Focus on Lung Cancer. <http://www.kankerparu.org> (Accessed on 15 Mei 2018).

Eberhardt, R., Anantham, D., Ernst, A., Feller-Kopman, D. and Herth, F. (2007). Multimodality Bronchoscopic Diagnosis of Peripheral Lung Lesions. *American Journal of Respiratory and Critical Care Medicine*, 176(1), pp.36-41.

Ekundina, V. and Eze, G. (2015). Common artifacts and remedies in histopathology (a review). *African Journal of Cellular Pathology*, 4(1), pp.6-12.

Ficarra, G., McClintock, B., & Hansen, L. S. (1987). Artefacts created during oral biopsy procedures. *Journal of Cranio-Maxillofacial Surgery*, 15, 34-37.

Ikechukwu, C. K. (2012). *Artifacts in Cytology*.

Jain, D., Mathur, S. R., Iyer, V.K. (2014) Cell blocks in Cytopathology: A Review Of Preparative Methods, Utility In Diagnosis And Role In Ancillary Studies. *Cytopathology*;25(6) pp.356–371

Jain, D., Roy-Chowdhuri, S. (2018) Molecular Pathology of Lung Cancer Cytology Specimens : A Concise Review. *Archives of Pathology Laboratory Medicine*. [Online]. Diakses pada 28 April 2018

- Jing, X., Li, Q., Bedrossian, U. and Michael, C. (2013). Morphologic and Immunocytochemical Performances of Effusion Cell Blocks Prepared Using 3 Different Methods. *American Journal of Clinical Pathology*, 139(2), pp.177-182.
- Joshi, R. (2012). 'Venetian blinds' artifact in dermatohistopathology. *Indian Dermatology Online Journal*, 3(1), p.59.
- Kahwash, S. B. (2017). Artifacts, Contaminants, and Mimics in Cytology. *Pediatric Cytopathology*, 231–244. doi:10.1007/978-3-662-53441-0\_11
- Khan, S., Omar, T., & Michelow, P. (2012). Effectiveness of the cell block technique in diagnostic cytopathology. *Journal of cytology*, 29(3), 177–182. doi:10.4103/0970-9371.101167
- Knoepp, S. M., & Roh, M. H. (2013). Ancillary techniques on direct-smear aspirate slides: a significant evolution for cytopathology techniques. *Cancer cytopathology*, 121(3), 120-128.
- Koksal, D., Demirag, F., Bayiz, H., Koyuncu, A., Mutluay, N., Berkatas, B. and Berkoglu, M. (2013). The cell block method increases the diagnostic yield in exudative pleural effusions accompanying lung cancer. *Turkish Journal of Pathology*, 29(3), p.165.
- Kuper, C., Schuurman, H., Bos-Kuijpers, M. and Bloksma, N. (2000). Predictive testing for pathogenic autoimmunity: the morphological approach. *Toxicology Letters*, 112-113, pp.433-442.
- Kusumastuti, E. (2018). Penanganan Spesimen : Pengumpulan dan Pengiriman Spesimen Paru yang Tepat. In: *Updating Knowledge on Respiratory Diseases in*

*Daily Practice : from Basic to Advanced.* Surabaya: Departemen Pulmonologi dan Ilmu Kedokteran Respirasi RSUD Dr. Soetomo, pp.205 - 209.

Loo, P., Thomas, S., Nicolson, M., Fyfe, M. and Kerr, K. (2010). Subtyping of Undifferentiated Non-small Cell Carcinomas in Bronchial Biopsy Specimens. *Journal of Thoracic Oncology*, 5(4), pp.442-447.

Loukeris, K., Vazquez, M., Sica, G., Wagner, P., Yankelevitz, D., Henschke, C., Cham, M. and Saqi, A. (2010). Cytological cell blocks: Predictors of squamous cell carcinoma and adenocarcinoma subtypes. *Diagnostic Cytopathology*, 40(5), pp.380-387.

Malukani, K., Matreja, S., Nandedkar, S., Varma, A., Saxena, A. and Ajmera, A. (2017). Comparison of efficacy of cell block versus conventional smear study in exudative fluids. *Nigerian Postgraduate Medical Journal*, 24(4), p.245.

Manucha, V. (2018). *Cytology > Air Drying Artifact.* [online] Pathologyoutlines.com. Available at: <http://www.pathologyoutlines.com/topic/cervixcytologyairdryingartifact.html> [Accessed 3 May 2018].

Martínez-Girón, R., González-López, J., Esteban, J., García-Miralles, M., Álvarez-de-los-Heros, C. and Ribas-Barceló, A. (2006). Worm-like artifacts in exfoliative cytology. *Diagnostic Cytopathology*, 34(9), pp.636-639.

McInnes, E. (2005). Artefacts in histopathology. *Comparative Clinical Pathology*, 13(3), 100-108.

Mehrotra, R., Gupta, A., Singh, M., & Ibrahim, R. (2006). Application of cytology and molecular biology in diagnosing premalignant or malignant oral lesions. *Molecular cancer*, 5(1), 11.

Microbehunter.com. (2010). How to prevent Air Bubbles in Wet Mounts – Microbehunter Microscopy. [online] Available at: <http://www.microbehunter.com/how-to-prevent-air-bubbles-in-wet-mounts/> [Accessed 13 May 2019].

Minna, J.D. (1998). Neoplasm of the Lung in Fauci, E., Braunwald, K. J., Isselbacher, J. D., Wilson, J. B., Martin, D. L., Kasper, S. L. Hauser dan Longo (eds) : *Harrison's Principles of Medicine* 14<sup>th</sup> ed., pp. 552 - 568. McGraw - Hill International Editions, New York.

Mody, D. (2003). Defining adequacy in nongynecologic cytology. [online] Captodayonline.com. Available at: [http://www.captodayonline.com/Archives/pap\\_ngc/NGC\\_adequacy.html](http://www.captodayonline.com/Archives/pap_ngc/NGC_adequacy.html) [Accessed 15 May 2018].

Negus, R., Stamp, G., Hadley, J. and Balkwill, F. (1997). Quantitative Assessment of the Leukocyte Infiltrate in Ovarian Cancer and Its Relationship to the Expression of C-C Chemokines. *American Journal of Pathology*, 150(5), pp.1723–1734.

Orell, S. and Vielh, P. (2012). The techniques of FNA cytology. In: S. Orell and G. Sterrett, ed., *Orell and Sterrett's Fine Needle Aspiration Cytology*, 5th ed. Elsevier, pp.8-27.

Pradhan, P. (2015). [online] Research Gate. Available at:  
[https://www.researchgate.net/post/Can\\_anyone\\_suggest\\_solutions\\_to\\_avoid\\_air\\_bubbles\\_underneath\\_the\\_cover\\_slips\\_in\\_the\\_slides\\_with\\_sections\\_120\\_microns2](https://www.researchgate.net/post/Can_anyone_suggest_solutions_to_avoid_air_bubbles_underneath_the_cover_slips_in_the_slides_with_sections_120_microns2) [Accessed 13 May 2019].

Restiwati, N., Soehardiman, D. and Andarini, S. (2012). Modalitas Diagnostik Tumor Paru Perifer. *Jurnal Respirologi Indonesia*, 32(3), pp.178 - 187.

Rivera P., Mehta A.C. 2007. Initial diagnosis of lung cancer. *Chest.*;3:131-43

Rodriguez, E. and Monaco, S. (2016). Recent advances in the pathology and molecular genetics of lung cancer: A practical review for cytopathologists. *Journal of the American Society of Cytopathology*, 5(5), pp.252-265.

Rolls, O. G., Farmer, N. J., & Hall, J. B. (2012). Artifacts in histological and cytological preparations. Scientia, Leica Microsystem education Series.

Sahay, K., Mehendiratta, M., Rehani, S., Kumra, M., Sharma, R., & Kardam, P. (2013). Cytological artifacts masquerading interpretation. *Journal of cytology*, 30(4), 241–246. doi:10.4103/0970-9371.126649

Saqi, A., Crapanzano, J., Heymann, J., Monaco, S. and Nassar, A. (2014). The state of cell block variation and satisfaction in the era of molecular diagnostics and personalized medicine. *CytoJournal*, 11(1), p.7.

Saqi, A., & Crapanzano, J. P. (2015). Optimization and triage of small specimens. In Diagnosing Non-small Cell Carcinoma in Small Biopsy and Cytology (pp. 61-76). Springer, New York, NY.

- Seijo, L., de Torres, J., Lozano, M., Bastarrika, G., Alcaide, A., Lacunza, M. and Zulueta, J. (2010). Diagnostic Yield of Electromagnetic Navigation Bronchoscopy Is Highly Dependent on the Presence of a Bronchus Sign on CT Imaging. *Chest*, 138(6), pp.1316-1321.
- Sheard, D. dan Gosney, JR. (1996). Endocrine cells in Tumour- Bearing Lungs. *Thorax*, Vol 51, pp.721-726.
- Shepherd, FA. (1995). IntrathoracicComplications of Mallgnancyand its Treatment . Curent Opinionin Oncology 7 : pp.150-157 .
- Silverman, S., Deuson, T., Kane, N., Adams, D., Seltzer, S., Phillips, M., Khorasani, R., Zinner, M. and Holman, B. (1998). Percutaneous abdominal biopsy: cost- identification analysis. *Radiology*, 206(2), pp.429-435.
- Sridhar, K.S., Lobo, C.F., Altman, R.D.(1998). Digitalclubbing and Lung Cancer.. *Chest*,114(6), pp.1535- 1537
- Srinivasan, M., Sedmak, D. and Jewell, S. (2002). Effect of Fixatives and Tissue Processing on the Content and Integrity of Nucleic Acids. *The American Journal of Pathology*, 161(6), pp.1961-1971.
- Suri, J., Gandotra, V., Abrol, D. and Bhardwaj, S. (2015). Analysis of Cell Block Vs . Conventional Smear in Fluid Cytology. *Journal of Evidence Based Medicine and Healthcare*, 2(39), pp.6464-6471.
- Thompson, S. W., & Luna, L. G. (1978). atlas of artifacts encountered in the preparation of microscopic tissue sections. Thomas.

- Udasimath, Shivakumar & Arakeri, Surekha & Karigoudar, Mahesh & Yelikar, Balasaheb. (2012). The Role of the Cell Block Method in the Diagnosis of Malignant Ascitic Fluid Effusions. *JCDR*. 6.
- Ugurluoglu, C., Kurtipek, E., Unlu, Y., Esme, H. and Duzgun, N. (2015). Importance of the Cell Block Technique in Diagnosing Patients with Non-Small Cell Carcinoma Accompanied by Pleural Effusion. *Asian Pacific Journal of Cancer Prevention*, 16(7), pp.3057-3060.
- Valente, P. and Schantz, H. (2003). Iatrogenic Artifacts in *Cytology.Pathology Case Reviews*, 8(3), pp.126-133.
- Wahidi, M., Rocha, A., Hollingsworth, J., Govert, J., Feller-Kopman, D. and Ernst, A. (2005). Contraindications and Safety of Transbronchial Lung Biopsy via Flexible Bronchoscopy. *Respiration*, 72(3), pp.285-295.
- Weiss, D. and Weiss, D. (2010). *Schalm's veterinary hematology*. Ames, Iowa: Wiley-Blackwell.
- Woods, A. E. (Ed.). (1994). *Laboratory histopathology: a complete reference*. Churchill Livingstone.
- Yung, R. (2003). Tissue diagnosis of suspected lung cancer: selecting between bronchoscopy, transthoracic needle aspiration, and resectional biopsy. *Respiratory Care Clinics*, 9(1), pp.51-76.
- Yolo, R. (2015). Can anyone suggest solutions to avoid air bubbles underneath the cover slips in the slides with sections 120 microns?. [online] Research Gate. Available at: [https://www.researchgate.net/post/After\\_storage\\_of\\_histopathology\\_slides\\_for\\_](https://www.researchgate.net/post/After_storage_of_histopathology_slides_for_)

few \_months \_we \_find \_development \_of \_minute \_vacuoles \_throughout \_rendering  
\_them\_useless\_can\_anybody\_help [Accessed 13 May 2019].

Zulkifli, A., Asril, B. (2011). Tumor Paru. Perhimpunan Dokter Spesialis Penyakit Dalam Indonesia. Editor. Buku Ajar L Ilmu Penyakit Dalam Jilid II. Jakarta : FKUI pp. 915-925.