

DAFTAR PUSTAKA

- Agarwal, P., Vinuth D.P., Haranal, S., Thippana, C.K., Naresh, N., Moger, G., 2015, Genotoxic and cytotoxic effects of X-ray on buccal epithelial cells following panoramic radiography: A pediatric study Background: Aim: Materials and Methods : Results : Conclusion, *J Cytol*, 32(2): 102–106.
- Ajmal, M., Elshinawy, M.I., 2014, Subjective image quality comparison between two digital dental radiographic systems and conventional dental film, *The Saudi Dental Journal*, 26(2014): 145–150.
- Anies, 2009, *Cepat Tua Akibat Radiasi (Pengaruh Radasi Elektromagnetik Ponsel dan Berbagai Peralatan Elektronik)*, Jakarta: PT Elex Media Komputindo, pp. 8-12.
- Anies, 2017, *Electrical Sensitivity (Gangguan Kesehatan Akibat Radiasi Elektromagnetik)*, Jakarta: PT Elex Media Komputindo, pp. 39-40, 112.
- Antoniazzi, R.P., Lago, F.B., Jardim, L.C., SAGRILLO, M.R., Ferrazzo, K.L., Feldens, C.A., 2017, Impact of crack cocaine use on the occurrence of oral lesions and micronuclei, *International Journal of Oral & Maxillofacial Surgery*, 38(44): 1–8.
- Arora, P., Devi, P., Wazir, S.S., 2014, Evaluation of Genotoxicity in Patients Subjected to Panoramic Radiography by Micronucleus Assay on Epithelial Cells of the Oral Mucosa, *Journal of Dentistry Tehran University of Medical Sciences*, 11(1): 1–9.
- Asriwati, 2017, *Fisika Kesehatan dalam Keperawatan*, Yogyakarta: Deepublish, pp. 166-167.
- Cerqueira, E.M., Meireles, J.R.C, Lopes, M.A., Junqueira, V.C., Gomes-Filho, I.S., Trindade, S., Machado-Santelli, G.M., 2008, Genotoxic Effects of X-rays on Keratinized Mucosa Cells During Panoramic Dental Radiography, *Dentomaxillofacial Radiology*, 37(7): 398–403.
- Dahlan, M., 2013, *Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan*, Jakarta: Salemba medika, pp. 20-21.
- Dosi, T., Gupta, D., Hazari, A., Rajput, R., Chauhan, P., Rajapuri, A.S., 2016, Assessment of micronuclei frequency in individuals with a habit of tobacco by means of exfoliated oral buccal cells, *J Int Soc Prev Community Dent*, 6(Suppl 2): 143–147.
- Farman, A.G., 2007, *Panoramic Radiology Seminars on Maxillofacial Imaging*

and Interpretation, Berlin: Springer, pp. 29.

Fehrenbach, M.J., Popowics, T., 2016, *Illustrated Dental Embryology, Histology, and Anatomy*, 4th ed, Missouri: Elsevier. pp. 120.

Frommer, H., Stabulas-Savage, J.J., 2011, *Radiology for The Dental Professional* 9th ed, St. Louis Missouri: Elsevier, pp. 250.

Gavala, S., Donta, C., Tsiklakis, K., Boziari, A., Kamenopoulou, V., Stamatakis, H.C., 2009, Radiation dose reduction in direct digital panoramic radiography, *European Journal of Radiology*, 71(1): 42–48.

Ghom, A.G., Ghom, S.A., 2016, *Textbook of Oral Radiology*, 2nd ed, New Delhi: Elsevier, pp. 433.

Huang, Y., Hou, H., Yi, Q., Zhang, Y., Chen, D., Jiang, E., Xia, Y., Fenech, M., Shi, Q., 2011, The Fate of Micronucleated Cells Post X-irradiation Detected by Live Cell Imaging, *DNA Repair*, 10(2011): 629-638.

Iannucci, M.J., Howerton, L.J., 2012, *Dental Radiography Principles and Techniquistle*, 4th ed, St. Louis Missouri: Elseveier Saunders, pp. 3,18,21.

Iannucci, M.J., Howerton, L.J., 2017, *Dental Radiography Principles and Techniques*, 5th ed, St. Louis Missouri: Elsevier, pp. 5.

Kesidi, S., Maloth, K.N., Reddy, K.V.K., Geetha, P., 2017, Genotoxic and cytotoxic biomonitoring in patients exposed to full mouth radiographs – A radiological and cytological study, *Journal of Oral and Maxillofacial Radiology*, 5(1): 1–6.

Luzhna, L., Kathiria, P., Kovalchuk, O., 2013, Micronuclei in genotoxicity assessment : from genetics to epigenetics and beyond, *Frontiers In Genetics*, 4(131): 1–17.

Madhavan, R., Kumaraswamy, M., Kailasam, S., Kumar, S.M., 2012, Genetic Damage in Exfoliated Cells from Oral Mucosa of Individuals Exposed to X-rays after Panoramic Radiograph : A Cross-sectional Study, *Journal of Indian Academy of Oral Medicine and Radiology*, 24(2): 102–105.

Nabilah, I., 2018, *Pengaruh Paparan Radiografi Panoramik Digital Tipe Langsung terhadap Peningkatan Jumlah Mikronukleus Mukosa Gingiva Manusia (Kajian di Instalasi Radiologi RSGM UGM Prof. Soedomo)*, Yogyakarta: Skripsi Fakultas Kedokteran Gigi, 32.

Naderi, N.J., Farhadi, S., Sarshar, S., 2012, Micronucleus assay of buccal mucosa cells in smokers with the history of smoking less and more than 10 years Full Text Introduction, *Indian Journal of Pathology and Microbiology*, 4(55): 433–438.

- Nohmi, T., Fukushima, S., 2016, *Thresholds Of Genotoxic Carcinogenes (From Mechanism to Regulation)*, Chennai: Academic Press, pp. 103.
- Pai, A., Sharma, R.C., Naik, R.M., Guruprasad, Y., 2012, Biomonitoring of genotoxic and cytotoxic effects of gingival epithelial cells exposed to digital panoramic radiography, *Journal of Orofacial Science*, 4(2): 124–128.
- Panchbhai, A.S., 2015, Wilhelm Conrad Röntgen and the discovery of X-rays: Revisited after centennial, *Journal of Indian Academy of Oral Medicine and Radiology*, 27(1): 1–6.
- Parissis, N., Angelopoulos, C., Mantegari, S., 2010, A Comparison of Panoramic Image Quality between a Digital Radiography Storage Phosphor System and a Film-Based System, *The Journal of Contemporary Dental Practice*, 11(1): 1–7.
- Preethi, N., Chikkanarasaiah, N., Bethur, S. S., 2016, Genotoxic effects of X-rays in buccal mucosal cells in children subjected to dental radiographs, *BDJ Open*, 2(2016): 1–6.
- Rahmah, N., Dewi, N., Rahardja, S.D., 2016, Analisis Sitogenik Mikronukleus Mukosa Bukal pada Perokok Aktif dan Pasif, *Jurnal Kedokteran Gigi*, 1(1): 15-20.
- Sabharwal, R., Verma, P., Syed, M.A., Sharma, T., Subudhi, S.K., Mohanty, S., Gupta, S., 2015, Emergence of micronuclei as a genomic biomarker, *Indian J Med Paediatr Oncol*, 36(4): 212–218.
- Sandhu, M., Mohan, V., Kumar, J. S., 2015, Evaluation of genotoxic effect of X-rays on oral mucosa during panoramic radiography, *Journal of Indian Academy of Oral Medicine and Radiology*, 27(1): 25–28.
- Sani, F., 2016, *Metodologi Penelitian Farmasi Komunitas dan Eksperimental Dilengkapi dengan Analisis Data Program SPSS*, 1st ed, Yogyakarta: Deepublish, pp 21-22.
- Sastroasmoro, S., Ismael, S., 2014, *Dasar – Dasar Metodologi Penelitian Klini*, 5th ed, Jakarta: Sagung Seto, pp. 112-113.
- Shantiningsih, R.R., Diba, S.F., Awinda, A., Rozaq, A.I., 2013a, Increasing The Number Of Micronucleus from Dental Radiation Effect Until 14th Day After Exposure, *Proceeding Book : The International Symposium on Oral and Dental Sciences*, 2013: 74-82.
- Shantiningsih, R.R., Suwaldi, Astuti, I., Mudjosemedi, M., 2013b, Korelasi antara jumlah mikronukleus dan ekspresi 8-oxo-dG akibat paparan radiografi panoramic (The correlation of micronucleus formation and 8-oxo-dG expression due to the panoramic radiography exposure), *Dental Journal*, 46(3): 119–123.

- Shantiningsih, R.R., Diba, S. F., 2018, Biological changes after dental panoramic exposure, *Dental Journal*, 51(1): 25–28.
- Sivasankari, P., Kaur, S., Reddy, Vivekanandam, Rao, R., 2016, Micronucleus Index : An Early Diagnosis In Oral Carcinoma Micronucleus Index : An Early Diagnosis In Oral Carcinoma, *J. Anat. Soc. India*, 57(1): 8–13.
- Sopandi, Y., Salami, I.R.S., 2013, Evaluasi Pengaruh Paparan Radiasi terhadap Efek Sitotoksik dan Genotoksik pada *Allium cepa* Sebagai Bioindikator Kondisi Lingkungan Kerja Bagian Radiologi Rumah Sakit, *Jurnal Teknik Lingkungan*, 19(2): 205–214.
- Susanti, N.T. Prasetyarini, S., Shita, A.D.P., 2016, Pengaruh Pajanan Radiasi Sinar-X dari Radiografi Panoramik terhadap pH Saliva, *e-Jurnal Pustaka Kesehatan*, 4(2): 352–357.
- Torres-bugarín, O., Romero, N.M., Ibara., M.L.R., Flores-Garcia, A., Aburto, P.V., Zavala-Cerna, M.G., 2015, Genotoxic Effect in Autoimmune Diseases Evaluated by the Micronucleus Test Assay : Our Experience and Literature Review, *Journal of Biomedicine and Biotechnology*, 2015(4): 1–11.
- Waingade, M., Medikeri, R. S., 2012, Analysis of micronuclei in buccal epithelial cells in patients subjected to panoramic radiography, *Indian Journal of Dental Research*, 23(5): 574–578.
- Whaites, E., Drage, N., 2013, *Essential of Dental Radiography and Radiology*, 5th ed, Toronto: Elsevier. pp. 3,15,16,61,79,180.
- White, S.C., Pharoah, M.J., 2014, *Oral Radiology Principles And Interpretation*, 7th ed, St. Louis Missouri: Elsevier Mosby, pp. 1,9,10,11, 17,32,166.
- Yadav, A.S., Jaggi, S., 2015, Journal of Molecular Biomarkers Buccal Micronucleus Cytome Assay- A Biomarker of Genotoxicity, *Journal of Molecular Biomarkers and Diagnosis*, 6(3): 1–6.