DAFTAR PUSTAKA

Akarslan, Z. Z., Akdevelioglu, M., Gungor, K., dan Erten, H., 2008, A comparison of the diagnostic accuracy of bitewing, periapical, unfiltered and filtered digital panoramic images for approximal caries detection in posterior teeth, *The British Institute of Radiology Journals*, Vol.37: 458-63.

Alhavaz, A., Haghanifar, S., Vakili, Y., Poorsattar-Bejehmir, A., 2014, Comparative Study of Digital Radiopacity of Dental Cements, *Caspian J of Dent Res*, Vol.3 : 28-34.

Alvarenga, F.A.D.S., Pinelli, C., dan Loffredo, L.D.C.M., 2015, Reliability of marginal microleakage assessment by visual and digital methods, *Eur J Dent*, Vol.9(1): 1-5.

Anas, A., Asaad, J.M., Tarboush, K.A., 2010, A comparison of intra-oral digital imaging modalities: Charged Couple Device versus Storage Phosphor Plate, *International Journal of Health Sciences*, Vol.4(2): 156-67.

Apsari, A., Munadziroh, E., dan Yogiartono, M., 2009, Perbedaan kebocoran tepi tumpatan resin komposit hybrid yang menggunakan system *bonding total* dan *self etch*, *Jurnal PDGI,* 58(3): 1-7.

Arikunto, S., 2006, *Prosedur Penelitian Suatu Pendekatan Praktik* Ed. Revisi 6*,* Penerbit PT Rineka Cipta, Jakarta, h. 108.

Aviandani, M.J., Munadziroh, E., dan Yogiartono, M., 2012, Perbedaan kebocoran tepi tumpatan semen ionomer kaca dengan pengadukan secara mekanik elektrik dan manual, *Jurnal PDGI*, Vol.61(3): 81-7.

Bansal, G.J., 2006, Digital radiography: A comparison with modern conventional imaging, *Postgard Med J*, Vol.82: 425-8.

Basrani, B., 2012, *Endodontic radiology 2nd Ed.*, Wiley-Blackwell, UK, http://books.google.com(26/8/17).

Brenna, F. dkk, 2009, *Restorative dentistry: Treatment procedures and future prospects*, Elsevier Mosby, Missouri, h. 50.

Castro, A., dan Feigal, R.F., 2002, Microleakage of a new improved glass ionomer restorative material in primary and permanent teeth, *Journal Pediatric Dentistry*, 24(1): 23-8.

Dahlan, M.S., 2010, *Besar sampel dan cara pengambilan sampel dalam penelitian kedokteran dan kesehatan*, Salemba Medika, Jakarta, h. 68.

Dantas, R.V.F., Sarmento, H.R., Duarte, R.M., Raso, S.S.M.M., de Andrade, A.K.M., dan Pontual, M.L.D.A., 2013, Radiopacity of restorative composites by conventional radiograph and digital images with different resolutions, *Imaging Science in Dentistry*, Vol.43: 145-51.

Diwakar, N.R., dan Kamakshi, S.S., 2015, Recent andvancements in dental digital radiography, *Journal of Medicine, Radiology, Pathology & Surgery*, Vol.1: 11-6.

Doozandeh, M., Shafiei, F., dan Alavi, M., 2015, Microleakage of three types of glass ionomer cement restorations: Effect of CPP-ACP paste tooth pretreatment, *J Dent Shiraz Univ Med Sci.,* Vol.16(3): 182-8.

Dorland, W.A.N., 2012, *Kamus Kedokteran Dorland Edisi 28*, Buku Kedokteran EGC, Jakarta, h. 275.

Dusturia, N., Hidayat, B., dan Suhardjo, 2016, Peningkatan kualitas citra (FGLG),Seminar Nasional Teknologi Informasi dan Multimedia, Yogyakarta h. 7-12.

Frommer, H.H., dan Stabulas-Savage, J.J., 2011, *Radiology for the dental professional 9th ed.*, Elsevier Mosby, Missouri, h. 40-49.

Ghom, A. G., dan Ghom, S. A., 2016, *Textbook of oral radiology 2nd ed.*, Elsevier, New Delhi, h. 137, 173.

Haak, R., Wicht, M.J., Hellmich, M., Noack, M.J., 2002, Detection of marginal defects of composite restorations with conventional and digital radiographs, *European Journal of Oral Sciences*, Vol.110: 282-6.

Hatta, R., dan Yunus, M., 2015, Radiografi konvensional, dan digital dalam bidang kedokteran gigi, *Makassar Dental Journal*, Vol.4 (1): 1-7.

Hardison, J.D., Rafferty, P.D., Mitchell, R.J., dan Bean, L.R., 1989, Radiolucent halos associated with radiopaque composite resin restorations, *J Am Dent Assoc*, Vol.118: 595-7.

Iannucci, J. M., dan Howerton, L. J., 2017, *Dental radiography: Principles and techniques 5th Ed.*, Elsevier, Missouri, h. 64, 94.

Kanter, M. Anindita, P.S., dan Winata, L., 2014, Gambaran penggunaan radiografi rigi di balai pengobatan rumah sakit gigi dan mulut Universitas Sam Ratulangi Manado, *Journal e-Gigi*, Vol.2 (1): 1-7.

Langland, O. E., Langlais, R. P., dan Preece, J. W., 2002, *Principles of dental imaging*, Lippincott Williams & Wilkins, United States, h. 4-5, 142.

Louk, A.C., dan Suparta, G.B., 2014, Kualitas sistem pencitraan radiografi digital sinar-x, *Berkala MIPA*, Vol.24(2): 149-66.

Mahesh, S.T.R., Suresh, P., Sandhyarani, J., dan Sravanthi, J., 2011, Glass ionomer cements (GIC) in dentistry: A review, *International Journal of Plant, Animal and Environmental Science (IJPAES)*, Vol.1 (1): 26-30.

Muhamedagic. B., dan Muhamedagic, L., 2009, Digital radiography versus conventional radiography in dentistry, *Acta Inform Med.,* Vol.17(2): 85-9.

Mukuan, T., Abidjulu, J., dan Wicaksono, D.A., 2013, Gambaran kebocoran tepi tumpatan pasca restorasi resin komposit pada mahasiswa program studi kedokteran gigi angkatan 2005-2007, *Jurnal e-Gigi*, Vol.1(2): 115-20.

Nurhayati, Milvita, D., Yanti, H., dan Kusimawati, D.D., 2016, Pengukuran dosis radiasi dan estimasi efek biologis yang diterima pasien radiografi gigi anak menggunakan TLD-100 pada titik pengukuran mata dan timus, *Jurnal Fisika Unand*, Vol.5(2): 166-71.

Oliveira, D., dan Holanda, K.M., 2016, Evaluation of the radiopacity of different restorative materials by the digital method, *American International Journal of Contemporary Research,* Vol.6(4): 31-8.

Oztas, B., Kursun, S., Dinc, G., dan Kamburoglu, K., 2012, Radiopacity evaluation of composite restorative resins and bonding agents using digital and film x-rays systems, *European Journal of Dentistry*, Vol.6: 115-22.

Parks, E.T., dan Williamson, G.F., 2002, Digital radiography: An overview, *The Journal of Contemporary Dental Practice*, Vol.3(4): 1-13.

Prahasto, I.D.,, dan Probandari, A., 2010, Rancangan penelitian eksperimental murni dan kuasi eksperimental, *Magister Manajemen Rumahsakit Fakultas Kedokteran UGM,* UGM Press, h. 1-10.

Pillai, K.G., 2015, *Oral and maxillofacial radiology: Basic principles and interpretation*, Jaypee Brothers Medical Publishers, New Delhi, h. 119.

Priaminiarti, M., 1996, Digital radiografi di bidang kedokteran gigi, *Jurnal Kedokteran Gigi Universitas Indonesia,* Vol.3(3): 110-4.

Ricketts, D., dan Bartlett, D., 2011, *Advanced operative dentistry: A practical approach*, Elsevier Churchill Livingstone, China, h. 4.

Sabbagh, J., Vreven, J., dan Leloup, G., 2004, Radiopacity of resin-based materials measured in film radiographs and storage phosphor plate (Digora), *Operative Dentistry,* Vol.29(6): 677-84.

Sidhu, S.K., Shah, P.M.M., Chong, B.S., dan Ford, T.R.P., 1996, Radiopacity of resin-modified glass-ionomer restorative cements, *Quintessence International*, Vol. 27(9): 639-43.

Sprawls, P., 1995, *The physical principles of medical imaging 2nd Ed.*, Aspen Publishers, http://www.books.google.com(20/10/2017).

Stelt, P.F.V.D., 2005, Filmless imaging: The uses of digital radiography in dental practice, *Journal of American Dental Association*, Vol.136: 1379-87.

Sudin, A., Muhlisin, Z., dan Widiyandari, H., 2015, Studi pengaruh ukuran pixel *imaging plate* terhadap kualitas citra radiograf, *Jurnal Berkala Fisika*, Vol.18(3): 89-94.

Sugiyono, Dr., 2010, Metode penelitian pendidikan: Pendekatan kuantitatif, kualitatif dan R&D, Alfabeta, Bandung, h. 214.

Shruthi, A.S., Nagaveni, N.B., Poornima, P., Selvamani, M., Madhushankari, G.S., Subba Reddy, V.V., 2015, Comparative evaluation of microleakage of conventional and modifications of glass ionomer cement in primary teeth: An in vitro study, *Journal of Indian Society of Pedodontics and Preventive Dentistry*, Vol.33: 279-84.

Supriyadi, 2012, Pedoman interpretasi radiograf lesi-lesi di rongga mulut, *Stomatognatic (J.K.G. Unej)*, Vol.9 (3): 134-9.

Suryaningsih, F., Kurnianto, K., dan Susanto, A.T., 2015, Pengujian hasil rekonstruksi citra radiografi digital menggunakan labview, *Jurnal Perangkat Nuklir*, Vol.9 (1): 20-7.

Terry, G. L., Noujeim, M., Langlais, R. P., Moore, W. S., dan Prihoda, T.J., 2016, A clinical comparison of extraoral panoramic and intraoral radiographic modalities for detecting proximal caries and visualizing open posterior interproximal contacts, *Dentomaxillofacial Radiology Journals*, Vol. 45: 1-7.

Tsuge, T., 2009, Radiopacity of conventional, resin-modified glass ionomer, and resin-based luting materials, *Journal of Oral Sciences*, Vol.51(2): 223-30.

Wati, M.A., Pudjawan, K., dan Suartama, I.K., 2014, Pengaruh strategi pembelajaran *mind mapping* berbantuan media power point terhadap hasil

belajar sosiologi siswa kelas x di SMA Negeri 1 Tejakula tahun 2013/2014, *e-Journal Edutech Universitas Pendidikan Ganesha Jurusan Teknologi Pendidikan*, Vol.2(1): 1-11.

Whaites, E., dan Drage, N., 2013, *Essentials of dental radiography and radiology 5th Ed.*, Churchill Livingstine Elsevier: China, h. 3.

White, S.C., dan Pharoah, M.J., 2014, *Oral radiology: Principles and interpretation*, Elsevier Mosby, Missouri, h. 77, 93-5.

Wibowo, A. S., Dahjono, J., dan Setiawan, A. N., 2014, Profil karakteristik film sinar-x yang digunakan pada bagian radiologi rumah sakit/puskesmas/klinik di ota Semarang, *Jurnal Riset Kesehatan*, Vol. 3(2): 527-39.

Woroprobosari, N.R., 2016, Efek stokastik radiasi sinar-x dental pada ibu hamil dan janin, *ODONTO Dental Journal*, Vol.3 (1): 60-6.

Yasa, B., Kucukyilmaz, E., Yasa, E., dan Ertas, E.T., 2015, Comparative study of radiopacity of resin-based and glass ionomer-based bulk-fill restoratives using digital radiography, *J Oral Sci*, 57(2): 79-85.