

DAFTAR PUSTAKA

- Abikusno, N., 2013, Kelanjutusiaan Sehat Menuju Masyarakat Sehat untuk Segala Usia dalam *Buletin Jendela Data dan Informasi Kesehatan Semester 1*. Pusat Data dan Informasi Kemenkes RI (Ed.),Kemenkes RI, pp. 25-28.
- Akal, U.K., Delilbasi C., Yilmaz T., Redzep E., dan Sertkaya D., 2003, Evaluation of Some Factors Affecting Taste Perception, *OHDMBSC*, 2(4): 33-37.
- Almeida, P.D.V., Gregio A.M.T., Machado M.A.N., Lima A.A.S.L., dan Azevedo L.R., 2008, Saliva Composition and Function : A Comperhensive Review, *J. Contemp. Dent. Pract.*, 9(3):1-11.
- Al-Sheri, A.M., 2002, Taste Disturbance because of Drug Therapy or Systemic Disease, *J. Otorhynolaryngol*, 2(1):1-6.
- Amerongen, A.V., 1992, *Ludah dan Kelenjar Ludah : Arti Bagi Kesehatan Gigi*, 2nd ed., Gadjah Mada University Press : Yogyakarta.
- Badan Penelitian dan Pengembangan Kesehatan Kementrian Kesehatan RI, 2013, *Riset Kesehatan Dasar*, Kementrian Kesehatan RI.
- Badan Pusat Statistik, 2012, Statistik Penduduk Lanjut Usia Indonesia 2010 : Hasil Sensus Penduduk 2010, Badan Pusat Statistik : Jakarta.
- Bailey, K.V., danLuzzi, A.F., 1995, Use of Body Mass Index of Adults in AssessingIndividual and Community Nutritional Status, *Bulletin of the World Health Organization*, 73 (5): 673-680.
- Barret, K.E., Barman, S.M., Boitano S., dan Brooks, H.L., 2010, *Ganong's Review of Medical Physiology*, 23rd edition, Mc Graw Hill Medical : New York.
- Barthosuk, L.M., Duffy, V. B., Hayes, J E., Moskowitz, H. R., dan Synder, D.J., 2006, Psychophysics of Sweet and Fat Perception, in Obesity : Problems Solutions and New Perspective, *Phil. Trans. R. Soc.B.*, 361:1137-1148.
- Bertoli, S., Laureati A., Bergamaschi, V., Cereda, E., Spadafranca, A., Vignati, L., Pagliarini, E., 2014, Taste Sensitivity, Nutritional Status and Metabolic Syndrome: Implication in Weight Loss Dietary Interventions, *World J. Diabetes*, 5(5): 717-723.
- Boyce, J.M. dan Shone G.R., 2006, Review : Effects of Ageing on Smell and Taste, *Postgrad. Med. J.*, 82 : 239-241.
- Chaudari, N., Roper S.D., 2010, The Cell Biology of Taste, *J. Cell. Biol.*, 190 (3): 285-296.
- Collet, S., Rombaux, P., Eloy P., Bertrand, B., 2007, Taste Disorder, *B-ENT Suppl.*, 6 : 71-79.
- Coulmas,R., 2007, *Population Decline and Ageing in Japan: The Social Consequences*. Routledge : London.
- Cunha, F.T, Amorim Júnior, A.A., Amorim, M.J.A.A.L., Oliveira, E.R., dan Silva Júnior, V.A., 2010, Histopathological Study of Lingual Circumvallate Papillae and Associated Tissues in Brazilian Smoker and Non-Smoker Individuals, *J. Morphol. Sci.*, 27(3-4) : 152-154.

- Danser, M.M., Gomez, S.M., dan Wijdn, G.A.V., 2003, Tongue Coating and Tongue Brushing : a Literature Review, *Int. J. Dent. Hygiene.*, 151-158
- Dias, V.R., Brazil, J.M., Almeida, J.A.G., Silva, C.S., dan Milagres, M.P., 2016, Evaluation of the Sensory Perception of Sweet Taste in People with Diabetes Mellitus Type 2, *Rev. Rene.*, 17 (4) : 483-9
- de Castro, M.C., dan Raos-e-Silva M., 2005, Physiologic Alteration of Oral Mucosa due to Aging : A Review, *Acta Dermatovenerol Croat*, 13 (3) : 184-188.
- de Deco, C.P., Reis M.R.V.S., Marchini A.M.P.S., da Rocha R.F., dos Santos M.B.F., dan Marchini L., 2014, Taste Alteration, Mouth Dryness and Teeth Staining as Side Effects of Medications Taken by Elderly, *Braz. J. Oral Sci.*, 13(4):257-260.
- Delilbasi, C., Cehiz, T., Akal, U., Yilmaz, T, 2003, Evaluation of some factors affecting taste perception in elderly people, *OHDMBSC*, 4 (6) : 29-35
- Dinas Kesehatan Daerah Istimewa Yogyakarta, 2013, *Profil Kesehatan Daerah Istimewa Yogyakarta tahun 2013*.
- Doty R.L., Shah M., Bromley S.M., 2008, Drug Induced taste disorder. *Drug Saf.*, 31(3): 199-215.
- Douglass, R., dan Heckman G., 2010, Case Report : Drug-Related Taste Disturbance: a Contributing Factor in Geriatric Syndromes, *Can. Fam. Physician*, 56:1142-7.
- Elfil, M., dan Negida, A., 2017, Sampling methods in Clinical Research; an Educational Review, *Emergency*, 5(1):e52
- Engelen, L., de Wijk, R.A., Prinz, J.F., van der Bilt, A., dan Bosman, F, 2003, The Relation Between Saliva Flow After Different Stimulation and the Perception of Flavor and Texture Attributes in Custard Dessert, *Physiol. Behav.*, 78: 165-169
- Fillion, L., dan Kilcast, D., 2001, Food Texture and Eating Difficulties in the Elderly, *JFI*, F4: 27-33.
- Fox, P.C., dan Eversole L.R., 2001, Disease of the Salivary Gland, dalam Silverman S, Eversole LR, Truelove EL, *Essential of Oral Medicine*, BC Decker Inc., Hamilton.
- Fuchida S, Yamamoto, T., Takiguchi T, Kandaudahewa, G., Yuyama, N., dan Hirata Y., 2003, Association Between Underweight and Taste Sensitivity in Middle- to Old-Aged Nursing Home Residents in Sri Lanka: a Cross-Sectional Study, *J. Oral. Rehabil.*, 40(11):854-63. doi: 10.1111/joor.12099.
- Gondivkar, S.M., Indurkar, A., Degwekar, S., dan Bhowate, R., 2009, Evaluation of Gustatory Function in Patient with Diabetes mellitus type 2, *Oral Surg. Oral Med. Oral Pathol. Oral Radiol. Oral Radiol. Endod.*, 108 : 876-880
- Gonsalves, W.C., Wrightson A.S., dan Henry R.G., 2008, Common Oral Conditions in Older Persons, *Am. Fam. Physician*, 78(7):845-852.
- Heckmann, J.G., Heckmann S.M., Lang C.J.G., dan Hummel T., 2003, Neurological Aspect of Taste Disorders, *Arch Neurol.*, 60(5):667-671.
- Infodatin, 2014, *Perilaku Merokok Masyarakat Indonesia Berdasarkan Riskesdas 2007 dan 2013*, Kementrian Kesehatan Indonesia.

- Jacob, N., Golmard, J.L., dan Berlin, I., 2014, Differential Perception of Caffeine Bitter Taste Depending on Smoking Status, *Chem. Percept.*, 7:47-55.
- Klasser, G.D., Ustman R., dan Epstein J.B., 2008, Taste Change Associated with a Dental Procedure: Case report and Review of the Literature, *JCDA*, 74(5):455-461.
- Kuo Y.W., Yen M., Fetzer S., dan Lee J.D., 2013, Tooth Brushing versus Tooth Brushing Plus Tongue Cleaning in Reducing Halitosis and Tongue Coating : A Systematic Review and Meta-Analysis, *Nurse Res.*, 62 (6) : 422-9.
- Liu G., Zong. G., Doty R.L., dan Sun Q., 2016, Prevalence And Risk Factors of Taste andSmell Impairment in a NationwideRepresentative Sample of the US Population: a Cross-Sectional Study, *BMJ Open*, 6:e013246.
- Lopez-Otin, C., Blasco M.A., Partridge, L., Serrano, M., Kroemer, G., 2013, The Hallmarks of Aging, *Cell*, 153: 1194-1127.
- Lwanga, S. K. dan Lemeshow, S., 1991, *Sample Size Determination in Health Studies : A Pratical Manual*, World Health Organization : Geneva
- Madiloggovit, J., Chotechuang, N., dan Trachootham, D., 2016, Impact of self-tongue brushing on taste perception in Thai older adults: A pilot study, *Geriatr. Nurs.*, 37:128-136.
- Matsuo R., dan Yamamoto T., 1992, Effect of Inorganic Constituent of Saliva on Taste Response of the Rat Chorda Tympani Nerve, *Brain Res.*, 583 : 71-80
- Matsuo, R., 2000, Role of Saliva in the Maintenance of Taste Sensitivity, *Crit. Rev. Oral Biol. Med.*, 11(2):216-29.
- Miles, T.S., Nauntofte B, dan Svensson P, 2004, *Clin. Oral Physiol.*, Quintessence Publishing Co. Ltd. : 58-63.
- Miller, I.J., 1995, Anatomy of the Peripheral Taste System, dalam Doty RL, *Handbook of Olfaction and Gustation*. Marcel Dekker: New York, 521-47.
- Mistretta, C.M.,1984, Ageing Effects on Anatomy and Neurophysiology of Taste and Smell, *Gerodontology*, 3:243-8.
- Mueller C, Kallert S, Renner B., Stiassny K., Temmel AFP, Hummel T, dan Kobal G, 2003, Quantitative Assessment of Gustatory Function in a Clinical Context Using Impregnated "Taste Strips", *Rhinology*, 41 :2-6.
- Nelson, G.M., 1998, Biology of Taste Buds and the Clinical Problem of Taste Loss, *New. Anat.*, 253:70-78.
- Neumann L, Schauren BC, Adami FS, 2016, Taste Sensitivity Adults and Elderly Persons, *Rev. Bras. Geriatr. Gerontol.*, 19 (5): 797-808.
- Ohno T, Uematsu H, Nozaki S., dan Sugimoto K., 2003, Improvement od taste sensitivity of the nursed elderly by oral care, *J. Med. Dent. Sci.*, 50 : 101-107.
- Pasquet, P., Frelut, M.L., Simmen, B., Hladik, C.M., Monneuse, M.O., 2007, Taste Perception in Massively Obese and in Non-Obese Adolescents, *Int. J. Paediatr. Obes.*, 1-7.
- Percival, R.S., Challacombe, S.J., dan Marsh, P.D., 1994, Flow Rate of Resting Whole and Stimulated Parotid Saliva in Relation to Age and Gender, *J. Dent. Res.*, 73 : 1416-1420
- Piovesana, P.M., Sampaio K.L., dan Gallani, M.C.B.J., 2013, Association Between Taste Sensitivity and Self-Reported and Objective Measures of

- Salt ntake among Hypertensive and Normotensive Individuals, *ISRN Nutr.*, 1-7.
- Sastroasmoro, S., dan Ismail, S., 2011, *Dasar-Dasar Metodologi Penelitian Klinis*, Ed 4, Sagung Seto, Yogyakarta
- Sato, K., Endo, S., Tomita, H., 2002, Sensitivity of Three Loci on the Tongue and Soft Palate to Four Basic Tastes in Smokers and Non-Smokers. *Acta Otolaryngol.*, 2002, 546: 74-82.
- Satoh-Kuriwada, S., Shoji N., Kawai M., Uneyama H., Kaneta N., dan Sasano T., 2009, Strongly Influenced Hypogeusia in the Elderly, *J. Health Sci.*, 55(5): 689-698.
- Sciffman, S.S., dan Graham, B.G., 2000, Taste and Smell Perception Affect Appetite and Immunity in the Elderly, *Eur. J. Clin. Nutr.*, 54 (Suppl 3) : S54-S63.
- Schiffman, S.S., 1997, Taste and Smell Losses in Normal Aging and Disease, *JAMA*, 278 : 1357 – 1362.
- Schiffman S.S., 2009, Effects of Aging on the Human Taste System, *Ann. N. Y. Acad. Sci.*, 1170: 725-9.
- Segovia, C., Hutchinson, I., Laing, D.G., Jinks, A.L., 2002, A Quantitative Study of Fungiform Papillae and Taste Pore Density in Adult and Children, *Dev. Brain. Res.*, 138 : 135-146
- Shigemura N., Ohta R., Kusakabe Y., Miura H., Hino A., dan Koyano K., 2004, Leptin Modulates Behavioral Responses to Sweet Substances by Influencing Peripheral Taste Structure, *Endocrinology*, 145, 839-847.
- Shimizu T, Ueda T, Sakurai K, 2007, New Method for Evaluation of Tongue-Coating Status, *J. Oral Rehabil.*, 34 : 442-447.
- Ship, J.A., 2003, Geriatrics dalam Greenberg M.S., Glick, M., *Burket'S Oral Medicine : Diagnosis and Treatment, Tenth Edition*, B.C. Decker Inc : Spain. 605-22.
- Simamora, M., dan Primasari, A., 2012, Change of Taste Sensitivity of Clove Cigarette Smokers in Medan, *JDI*, 19 (2) :27-31.
- Simchen, U., Koebnick C., Hoyer S., Issanchou S., dan Zunft H.J.F., 2006, Odour and Taste Sensitivity is Associated with Body Weight and Extent of Misreporting of Body Weight. *Eur. J. Clin. Nutr.*, 60 (6) : 689-705.
- Solemdal, K., Sandvik I., Willumsen T., Mowe M., Hummel T., 2012, The Impact of Oral Health on Taste Ability in Acutely Hospitalized Elderly, *PLoS ONE* 7(5): 1-7.
- Stolbova, K., Hahn A., Benes B., Andel M., dan Treslova L., 1999. Gustometry of Diabetes Melitus Patients and Obese Patients, *Intl. Tinnitus J.*, 5(2):135-140.
- Syed, Q., Hendler, K.T., dan Koncilja K., 2016, The Impact of Aging and Medical Status on Dysgeusia, *A. J. Med.*, 129 : 753.e1-753e6.
- Turner, M.D. dan Ship, J.A., 2007, Dry Mouth and Its Effects on the Oral Health of Elderly People, *JADA*, 138(9 supplement):15S-20S.
- Undang-Undang No 13 tahun 1998 tentang *Kesejahteraan Usia Lanjut*

- Vennemann, M.M., Hummel, T., dan Berger, K., 2008, The Association between Smoking and Smell and Taste Impairment in the General Population, *J. Neurol.*, 255 : 1121-1126
- Villa, A., Connell, C.A., dan Abati, S., 2015, Diagnosis and Management of Xerostomia and Hyposalivation, Therapeutic and Clinical Risk Management, 11 : 45-51
- Wang, T., Glendinning J., Grushka, M., Hummel, T., dan Mansfield, K., 2017, Contemporary Review : Drug-Induced Taste Disorders in Clinical Practice and Preclinical Safety Evaluation, *Toxicol.Sci.*, 156 (2) : 315-324.
- Warnakulasuriya, S., Dietrich, T., Bornstein, M. M., Peidr , E. C., Preshaw, P. M., Walter, C., Wennstr m, J.L., dan Bergstr m, J., 2010, Oral Health Risks of Tobacco Use and Effects of Cessation, *Int. Dent. J.*, 60, 7-30.
- Watanabe, I., Ogawa K., da Silva, M.C.P., Motoyama A. A., Kado E.S., Lopes R.A., 2007, Ultrastructure of the Adhesion of Bacteria to the Epithelial Cell Membrane of Three-Day Postnatal Rat Tongue Mucosa: A Transmission and High-Resolution Scanning Electron Microscopic Study, *Braz. Dent. J.*, 18(4) : 320-323.
- WHO Expert Consultation, 2004, Appropriate Body-Mass Index for Asian Populations and Its Implications for Policy and Intervention Strategies, *Lancet*, 363: 157–63.
- Winkler S., Garg A.K., Mekayarajjananonth T., 1999, Depressed Taste and Smell in Geriatric Patients. *JADA.*, 130:1759-65.
- World Health Organization, 2011, *Global Health and Aging*.
- Yoshida R., Yasumatsu K., Shigemura N., Ninomiya Y., 2006, Coding Channel for Taste Perception : Information Transmission from Taste Cells to Gustatory Nerve Fibers, *Arch. Histol. Sitol.*, 69 (4) : 233-242.
- Yoshinaka, M., Yoshinaka, M.F., Ikebe, K., Shimanuki, Y., Nokubi, T., 2007, Factors Associated with Taste Dissatisfaction in the Elderly. *J. Oral Rehabil.*, 34(7):497-5.