

## CURRICULUM VITAE

### Biodata

Name with degree	Diah Ayu Maharani, BDS, DDS, PhD
Gender	Female
Job positions	<ul style="list-style-type: none"> <li>- Associate Professor, Department of Preventive and Public Health Dentistry (<a href="http://staff.ui.ac.id/diah.ayu64">http://staff.ui.ac.id/diah.ayu64</a>)</li> <li>- Editor-in-Chief of the Makara Journal of Health Research (<a href="http://journal.ui.ac.id/health">http://journal.ui.ac.id/health</a>)</li> <li>- Editor of the Journal of Dentistry Indonesia (<a href="http://jdentistry.ui.ac.id/index.php/JDI">http://jdentistry.ui.ac.id/index.php/JDI</a>)</li> <li>- Editor of the Journal of International Dental and Medical Research (<a href="http://www.ektodermaldisplazi.com/journal.htm">http://www.ektodermaldisplazi.com/journal.htm</a>)</li> <li>- Editor of the European Journal of Dentistry and Medicine (<a href="http://scialert.net/eboard.php?issn=1996-3378">http://scialert.net/eboard.php?issn=1996-3378</a>)</li> <li>- Ethics Committee Member of the Faculty of Dentistry, Universitas Indonesia</li> <li>- Head of Research and Innovation Products Management Office, Universitas Indonesia (<a href="https://scholar.ui.ac.id/">https://scholar.ui.ac.id/</a>)</li> </ul>
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Office Address	Jl.Salemba Raya No.4, Jakarta Pusat, 10430, Indonesia
Phone / Fax	+62-21-31930270, 3151035
Teaching Subjects	<ol style="list-style-type: none"> <li>1. Health Care Economics</li> <li>2. Statistics and Research Methodology</li> <li>3. Preventive and Public Health Dentistry</li> </ol>

### Educations

Program	Undergraduate	Postgraduate
Institutions	Universitas Indonesia	Tokyo Medical and Dental University
Subjects	Dentistry	Health Care Economics
Entering & Graduation Year	1998 - 2003	2005 - 2009
Academic manuscripts	Fluoride Mesurement in Achovy using the Ion Selective Electrode	Inequity in Dental care Utilization in the Indonesian Population with a Self-Assessed Need for Dental Treatment

### Research Publications

No	Year	Titles	Authors	Journals	Vol/No
1	2009	Inequity in dental care utilization in the Indonesian population with a self-assessed need for dental treatment	Maharani DA	Tohoku Journal of Experimental Medicine	218 / 3
2	2009	Perceived need for and utilization of dental care in Indonesia in 2006 and 2007: a secondary analysis	Maharani DA	Journal of Oral Science	51 / 4
3	2011	Is Joint Tooth Brushing an Effective Program for Improving Dental Health among Elementary Students? - A Study from Jakarta, Indonesia	Darwita RR, Maharani DA, Rahardjo A, Puspa DP, Amalia R, Sandy DP	International Journal of Clinical Preventive Dentistry	7 / 3
4	2012	Promoting of Oral Health in Children Under Five Using Tailored Message Approach	Darwita RR, Maharani DA, Rahardjo A, Saraswati I, Andreas P	Dentika Dental Journal	17 / 2

5	2012	Is the utilisation of dental care based on need or socioeconomic status? A study of dental care in Indonesia from 1999 to 2009	Maharani DA, Rahardjo A	International Dental Journal	62 / 2
6	2012	Efficacy of a Commercially Available Hydroxyapatite containing Toothpaste in Reducing Dentin Hypersensitivity	Maharani DA	International Journal of Clinical Preventive Dentistry	8 / 3
7	2012	Do the Indonesians Receive the Dental Care Treatment They Need? A Secondary Analysis on Self-Perceived Dental Care Need	Maharani DA	International Scholarly Research Network ISRN Dentistry	2012 / 769809
8	2012	Mothers' Dental Health Behaviors and Mother-Child's Dental Caries Experiences: Study of A Suburb Area in Indonesia	Maharani DA, Rahardjo A	Makara Journal of Health Research	16 / 2
9	2013	Caries preventive Effect of 1300ppm Fluoride and Carrageenan Containing Toothpaste	Rahardjo A, Karina, Fadhilah A, Eriwati YK, Triaminingsih S, Maharani DA	Journal of Dentistry Indonesia	20 / 1
10	2014	A Review of Indonesia's Dental Health - Past, Present and Future	Rahardjo A, Maharani DA	International Journal of Clinical Preventive Dentistry	10 / 3
11	2014	The Effect of Milk or its Combination with Tea and 0.2% NaF on Dental Enamel Demineralization Analyzed by Micro Computed Tomography	Rahardjo A, Sahertian RD, Ramadhani SA, Maharani DA, Latief FDE	Journal of Dentistry Indonesia	21 / 2
12	2014	Measurement of Tooth Brushing Frequency, Time of Day and Duration of Adults and Children in Jakarta, Indonesia	Rahardjo A, Maharani DA, Kiswanjaya B, Idrus E, Nicholson J, Cunningham PJ, Schäfer F	Journal of Dentistry Indonesia	21 / 3
13	2014	Efficacy of a Toothpaste on the Control of Plaque and Gingivitis	Rahardjo A, Maharani DA, Adiatman M, Agustanti A, Ghaliyah D, Bahar A	Dentika Dental Journal	18 / 1
14	2014	Menilai Kualitas Hidup yang Berhubungan dengan Kesehatan Mulut Anak Berusia 12 Tahun: Validitas Cohip-SF Versi Indonesia	Karamoy Y, Darwita RR, Maharani DA	Cakradonya Dental Journal	6 / 2
15	2015	Efficacy of Toothpaste Containing Nano Calcium in Dentin Remineralization	Rahardjo A, Nugraheni DDT, Humaira G, Adiatman M, Maharani DA	Makara Journal of Health Research	19 / 2
16	2015	Potential Side Effects of Whitening Toothpaste on Enamel Roughness and Micro Hardness	Rahardjo R, Gracia E, Riska G, Adiatman M, Maharani DA	International Journal of Clinical Preventive Dentistry	11 / 4
17	2015	Oral Health Literacy in Indonesian Adolescent	Rahardjo A, Adinda S, Nasia AA, Adiatman M, Setiawati F, Wimardhani YS, Maharani DA	Journal of International Dental and Medical Research	8 / 3
18	2016	Health Literacy in Dentistry Among Undergraduate Students in Indonesia	Rahardjo A, Wachid MN, Adiatman M, Wimardhani YS, Maharani DA	Asian Journal of Epidemiology	8 / 4
19	2016	Efficacy of a Toothpaste Containing 5% Potassium Nitrate in Desensitizing Dentin Hypersensitivity	Rahardjo A, Nasia AA, Adiatman M, Maharani DA	Asian Journal of Pharmaceutical and Clinical Research	9 / 2
20	2016	Dental and Periodontal Status of 5 and 12 year old Children in Jakarta and it's Satellite Cities	Adiatman M, Yuvana AL, Nasia AA, Rahardjo A, Maharani DA, Zhang S	Journal of Dentistry Indonesia	23 / 1
21	2016	The Relationship of Academic Stress to Periodontal Status and Level of Cortisol Hormone, Interleukin 1- $\beta$ and	Masulili SLC, Kemal Y, Soedarsono N, Widyastuti Y, Harsas NA, Maharani DA	Journal of International Dental and Medical	9 / 2

		Interleukin-6 in Gingival Crevicular Fluid (Study on Profession and Specialist Dental Students Faculty of Dentistry Universitas Indonesia. Jakarta)		Research	
22	2016	Efficacy of Mouth Rinse Formulation Based On Cetyl Pyridinium Chloride in the Control of Plaque as an Early Onset of Dental Calculus Built Up	Rahardjo R, Ramadhani A, Adiatman M, Wimardhani YS, Maharani DA	Journal of International Dental and Medical Research	9 / 3
23	2016	The Behavior Change on Brushing Teeth of Children by Mothers Using a Periodic Dental Health Evaluation Card	Darwita RR, Rahardjo A, Andreas P, Setiawati S, Adiatman M, Maharani DA	Journal of International Dental and Medical Research	9 / S
24	2016	A Review of Speech Function and Maxillary Growth in Cleft Palate Patients	Ariawan D, Maharani DA, Rahardjo A, Tofani I	Journal of International Dental and Medical Research	9 / S
25	2016	The Use of Coral Scaffold in Oral and Maxillofacial Surgery: A Review	Julia V, Maharani DA, Kartasasmita RE, Latief BS	Journal of International Dental and Medical Research	9 / S
26	2017	An assessment of the impacts of child oral health in Indonesia and associations with self-esteem, school performance and perceived employability	Maharani DA, Adiatman M, Rahardjo A, Burnside G, Pine C	BMC Oral Health	17 / 65
27	2017	Prevalence and Risk Factors of Tooth Erosion in Children	Pratiwi AN, Maharani DA	Journal of Medical Sciences	17 / 2
28	2017	Hypohidrotic Ectodermal Dysplasia. Clinical genetic aspects and future perspective. A short comprehensive review	Callea M, Avendano A, Cammarata-Scalisi F, Maharani DA, Kusdhany LS, Yavuz Y	Journal of International Dental and Medical Research	10 / 2
29	2017	Dental erosion in 12-year-old school children living in Jakarta	Septalita A, Bahar A, Agustanti A, Rahardjo A, Maharani DA, Rosalien R	Journal of Physics: IOP Conf. Series	884
30	2017	Fluoride concentration in urine after silver diamine fluoride application on tooth enamel	Sari DL, Bahar A, Gunawan HA, Adiatman M, Rahardjo A, Maharani DA, Toptanci IR, Yavuz I	Journal of Physics: IOP Conf. Series	884
31	2017	Evaluation of silver diamine fluoride application in children and factors associated with arrested caries survival	Chandra L, Rahardjo A, Adiatman M, Darwita RR, Maharani DA, Callea M	Journal of Physics: IOP Conf. Series	884
32	2017	Efficacy test of a toothpaste in reducing extrinsic dental stain	Agustanti A, Ramadhani SA, Adiatman M, Rahardjo A, Callea M, Yavuz I, Maharani DA	Journal of Physics: IOP Conf. Series	884
33	2017	Evaluation of root fracture in permanent teeth according to season	Dogan MS, Kusdhany LS, Maharani DA, Callea M, Yavuz I	Journal of Stomatology	70 / 2
34	2017	Efficacy of Mouth Rinse Formulation Based on Cetylpyridinium Chloride 0.1% in the Control of Dental Calculus Buildup	Maharani DA, Ramadhani A, Adiatman M, Wimardhani YS, Kusdhany L, Rahardjo A, Yavuz I	International Journal of Applied Pharmaceutics	9 / 1
35	2017	Cross-cultural Adaptation and Psychometric Properties of the Indonesia Version of the Scale of Oral Health Outcomes for 5-Year-Old Children	Rachmawati YL, Pratiwi AN, Maharani DA	Journal of International Society of Preventive and Community Dentistry	7 / 2
36	2017	Post-Trauma Root Fracture in Teeth with Incomplete Root Development: A Case Report	Doğan MS, Maharani DA, Kusdhany LS, Adiatman M, Yavuz I	Asian Journal of Pharmaceutical and Clinical Research	10 / 11

37	2017	The Relationship between Oral Health Habits in Children and Early Childhood Caries in Jakarta, Indonesia	Setiawati S, Sutadi H, Rahardjo A, Bachtiar A, Maharani DA	Journal of International Dental and Medical Research	
38	2017	Cross-Cultural Adaptation and Psychometric Properties of The Indonesian Version of Servqual For Assessing Oral Health Service Quality	Tebai Y, Maharani DA, Rahardjo A	Journal of International Dental and Medical Research	10 / 3
39	2018	The Evaluation of Root Fracture with Cone Beam Computed Tomography (CBCT): An Epidemiological Study	Doğan M, allea M, Kusdhany L, Aras A, Maharani D, Mandasari M, Adiatman M, Yavuz I	Journal of Clinical and Experimental Dentistry	10 / 1
40	2018	Relation between Health Insurance Systems to User Satisfaction in Dental Health Service	Kurniawan A, Setiawati F, Rahardjo A, Maharani DA, Andreas P	Journal of International Dental and Medical Research	10 / S
41	2018	Validity and Reliability of a modified Utian Quality of Life Scale for Indonesian Postmenopausal Women	Wulandari P, Soeroso Y, Maharani DA, Rahardjo A	Journal of International Dental and Medical Research	11 / 1
42	2018	Dental Caries in 12-year-old School Children Living in Jakarta	Agustanti A, Rosalien R, Hutami DF, Septalita A, Rahardjo A, Maharani DA	Journal of International Dental and Medical Research	11 / 1
43	2018	The measurement of fluoride ion in anchovy ( <i>Stolephorus insularis</i> ) using ion selective electrode	Agustanti A, Maharani DA, Gunawan HA, Callea M	Journal of Physics: IOP Conf. Series	1073
44	2018	Effect and impact of silver diamine fluoride application in primary teeth caries on children's quality of life	Caroline J, Maharani DA, Adiatman M, Rahardjo A, Callea M	Journal of Physics: IOP Conf. Series	1073
45	2018	Relationship between oral health status and masticatory performance with nutritional status in the elderly	Yuniendra GG, Rahardjo A, Adiatman M, Maharani DA, Thuy PAV	Journal of Physics: IOP Conf. Series	1073
46	2018	Effect of silver diamine fluoride application on fluoride concentration in saliva	Widianti TA, Bahar A, D A Maharani, Tumen EC, Yavuz I	Journal of Physics: IOP Conf. Series	1073
47	2018	Gingival Health Status of 12-Year-Old School Children in Jakarta: A Cross-Sectional Study	Rosalien R, Hutami DF, Agustanti A, Septalita A, Adiatman M, Maharani DA	Makara Journal Health Research	22 / 2
48	2018	Cross-Cultural Adaptation and Psychometric Properties of the Science Motivation Questionnaire-II: Indonesian Version	Wardhany II, Subita GP, Maharani DA	Pesquisa Brasileira em Odontopediatria e Clinica Integrada	18 / 1
49	2018	An Indonesian Version of Child Oral Impact on Daily Performances (C-OIDP): Assessing Validity and Reliability	Arumrahayu W, Maharani DA, Adiatman M	Journal of International Dental and Medical Research	11 / 3
50	2018	Cross-cultural Adaptation and Psychometric Properties of the Indonesian Version of the Self-Regulation for Dental Home Care Questionnaire	Rachmawati YL, Loster JE, Loster BW, Maharani DA	Journal of Dentistry Indonesia	25 / 3
51	2019	Diagnostic Validity of Self-Perceived Dental Caries in Indonesian Young Adolescents Aged 12-15 Years	Maharani DA, Kurniawan J, Agustanti A, Rosalien R, Rahardjo A, Cavalcanti AL	Pesquisa Brasileira em Odontopediatria e Clinica Integrada	19 / 1

## Research Grants

No.	Year	Titles	Grants	
			Sources	Amount
1	2009 - 2012	The Improvement of Indonesia's Public Health Dentistry - International Collaboration with TMDU	Ministry of Education	Rp300.000.000
2	2010	Is the utilisation of dental care based on need or socioeconomic status? A study of dental care in Indonesia from 1999 to 2009 <i>Awal. research grant No. 2502/H2.R12/PPM.00.01/2010</i>	Universitas Indonesia	Rp 24.848.485
3	2011	Efficacy of a Commercially Available Hydroxyapatitecontaining Toothpaste in Reducing Dentin Hypersensitivity	PT. Unilever TBK	Rp40.000.000
4	2011	Measurement of the normal toothbrushing frequency of Adults and Children in Jakarta, Indonesia (ORL-BHC-0414).	Unilever Research and Development Port Sunlight UK	USD 11,977
5	2011	Mouthwash efficacy to overcome halitosis	PT. Orang Tua (Formula)	Rp70.000.000
6	2012	A Study to measure the effect of behavior change messages on improving toothbrushing frequency amongst children and adults in Jakarta, Indonesia. (ORL-BHC-0415).	Unilever Research and Development Port Sunlight UK	USD 19,262
7	2012	A study to measure the impact toothpaste packaging has on toothbrushing frequency amongst families living in Jakarta, Indonesia (ORL-BHC-0536).	Unilever Research and Development Port Sunlight UK	USD 24,322
8	2012	Caries--preventive Effect of 1300ppm Fluoride and Carrageenan Containing Toothpaste	PT. Lion-Wings	Rp30.000.000
9	2013	The impact of toothbrushing habit on oral health amongst families living in Jakarta, Indonesia ORL-BHC-0536-Extended	PT. Unilever TBK	Rp185.497.059
10	2013	A consumer study to measure of personalized feedback to individual and family members on toothbrushing frequency amongst families living in Jakarta, Indonesia. (BCH-PFS-0536) & Social Interaction: A consumer study to measure the impact of peer influence on female individuals with poor brushing behaviors in Jakarta, Indonesia. (ORL-SSI-1013).	Unilever Research and Development Port Sunlight UK	USD 35,420
11	2013	A controlled study to evaluate a Behavioral Change Intervention programme to establish twice daily toothbrushing in children within an Adopted Village in Indonesia and to determine relationships between child oral health, self esteem, school performance and employability.	Unilever, Singapore	USD 65,704
12	2013	Efficacy of a toothpaste on the control of plaque and gingivitis	PT. Lion-Wings	Rp55.810.000
13	2013 - 2014	Silver Diamine Fluoride treatment for early Childhood Caries	Ministry of Education	Rp153.000.000
14	2014	Efficacy of Toothpaste Containing Nano Calcium in Repairing Early Dental Cariers	PT. Lion-Wings	Rp82.293.750
15	2015	Efficacy Test of Ciptadent Maxi Relief Toothpaste in Desensitizing Dentin Hypersensitivity	PT. Lion-Wings	Rp 49.225.000
16	2015	Efficacy Test of Systema Pro Sensitive Toothpaste in Desensitizing Dentin Hypersensitivity	PT. Lion-Wings	Rp 40.562.500
17	2015	Silver Diamine Fluoride	Universitas Indonesia	Rp 216.714.000
18	2015 - 2016	Oral Health Literacy (Grant No. 0510/UN2.R12/HKP.05.00/2015)	Ministry of Higher Education	Rp 435.000.000
19	2015	Sample Size Estimation with G*Power	Universitas Indonesia	Rp 30.000.000
20	2015	Efficacy of a mouth rinse formulation based on Cetyl Pyridinium Chloride in the control of plaque as an early onset of dental calculus built up	PT. Tempo Research	Rp 272.692.500

No.	Year	Titles	Grants	
			Sources	Amount
21	2016	A multifactorial analysis of factors associated with dental erosion in 12 years old School Children Living in Jakarta	Universitas Indonesia	Rp 90.000.000
22	2016	Efficacy Test of Zact Stain Fighter Toothpaste in Reducing Extrinsic Dental Stain	PT. Lion-Wings	Rp 79.200.000
23	2017	Psychometric properties of the SOHO-5, Orofacial Esthetic Scale and SMQ II Indonesian version	Universitas Indonesia	Rp 90.000.000
24	2017	A multifactorial analysis of factors associated with dental erosion in 5 years old School Children Living in Jakarta	Universitas Indonesia	Rp 90.000.000
25	2018	Analysis of the Motivational Interviewing, Attitude-Awareness, and Self-Perceived Oral Health	Universitas Indonesia	Rp 90.000.000