

# **LAMPIRAN**



**UMY** UNIVERSITAS  
MUHAMMADIYAH  
YOGYAKARTA  
Unggul By Islam

FAKULTAS  
KEDOKTERAN DAN  
ILMU KESEHATAN

Nomor : 078/EP-FKIK-UMY/III/2019

**KETERANGAN LOLOS UJI ETIK**  
**ETHICAL APPROVAL**

Komite Etik Penelitian Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta dalam upaya melindungi hak asasi dan kesejahteraan responden/subyek penelitian, telah mengkaji dengan teliti protokol berjudul :

*The Health Research Ethics Committee of the Faculty of Medicine and Health Sciences, University of Muhammadiyah Yogyakarta, with regards of the protection of human rights and welfare in research, has carefully reviewed the research protocol entitled :*

**"Perbedaan Sikap dan Pengetahuan tentang Kesehatan Gigi dan Mulut antara Metode Pembelajaran Kooperatif Jigsaw dengan Metode Pembelajaran Konvensional (Kajian pada Anak Usia 10-11 Tahun di SD Muhammadiyah Suronatan Kota Yogyakarta)"**

Peneliti : Likky Tiara Alphianti  
Investigator : Ariska Mei Wahyu Nirmalasari

Nama Institusi : Program Studi Kedokteran Gigi FKIK UMY

Negara : Indonesia  
Country

Dan menyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

*And declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Consent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard*

Yogyakarta, 01 Maret 2019

Ketua,  
  
Dr. dr. Enek Hidayati, M.Kes.,  
Sp.DLP FISHM., FISCM.

**\*Peneliti Berkewajiban :**

1. Menjaga kerahasiaan identitas subyek penelitian
2. Memberitahukan status penelitian apabila :
  - a. Setelah masa berlakunya keterangan lolos uji etik (1 tahun sejak tanggal terbit), penelitian masih belum selesai, dalam hal ini *ethical clearance* harus diperpanjang
  - b. Penelitian berhenti di tengah jalan
3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*).
4. Peneliti tidak boleh melakukan tindakan apapun pada responden/subyek sebelum penelitian lolos uji etik.

**ADDRESS**

Kampus Terpadu UMY Gd. Siti Walidah LT.3  
Jl. Brawijaya (Lingkar Selatan)  
Tamantirto • Kasihan • Bantul  
D.I.Yogyakarta 55183

**CONTACT**

Phone : (0274) 387656 ext. 213  
Fax : (0274) 387658  
Email : [fkik@umy.ac.id](mailto:fkik@umy.ac.id)  
[www.fkik.umy.ac.id](http://www.fkik.umy.ac.id)

KOMISI ETIK PENELITIAN KESEHATAN  
HEALTH RESEARCH ETHICS COMMITTEE  
UNIVERSITAS MUHAMMADIYAH YOGYAKARTA

**KETERANGAN LAYAK ETIK**  
DESCRIPTION OF ETHICAL APPROVAL  
"ETHICAL APPROVAL"

No.011/EC-KEPK FKIK UMY/I/2019

Protokol penelitian yang diusulkan oleh :  
*The research protocol proposed by*

Peneliti utama : Ariska Mei Wahyu Nirmalasari  
*Principal In Investigator*

Nama Institusi : Universitas Muhammadiyah Yogyakarta  
*Name of the Institution*

Dengan judul:  
*Title*

**"PERBEDAAN SIKAP DAN PENGETAHUAN TENTANG KESEHATAN GIGI DAN MULUT  
ANTARA METODE PEMBELAJARAN KOOPERATIF JIGSAW DENGAN METODE  
PEMBELAJARAN KONVENSIONAL (Kajian Pada Anak Usia 10-11 Tahun di SD  
Muhammadiyah Suronatan Kota Yogyakarta)"**

*"PERBEDAAN SIKAP DAN PENGETAHUAN TENTANG KESEHATAN GIGI DAN MULUT ANTARA  
METODE PEMBELAJARAN KOOPERATIF JIGSAW DENGAN METODE PEMBELAJARAN  
KONVENSIONAL (Kajian Pada Anak Usia 10-11 Tahun di SD Muhammadiyah Suronatan Kota  
Yogyakarta)"*

Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

*Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Consent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard.*

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 04 Februari 2019 sampai dengan tanggal 04 Februari 2020.

*This declaration of ethics applies during the period February 04, 2019 until February 04, 2020.*

February 04, 2019  
\_\_\_\_\_  
and Chairperson,  
Dr. Hidayati, M. Kes.  
FAKULTAS KEDOKTERAN DAN ILMU KESEHATAN



**MAJELIS PENDIDIKAN DASAR DAN MENENGAH  
PIMPINAN DAERAH MUHAMMADIYAH KOTA YOGYAKARTA**

Jalan Sultan Agung 14, Telepon (0274)375917, Faks. (0274) 411947, Yogyakarta 55151  
e-mail: dikdasmenpdm\_yk@yahoo.com

**IZIN PENELITIAN/SKRIPSI/OBSERVASI/TESIS/DISERTASI**

No. : 75/REK/III.4/F/2019

Setelah membaca surat dari : **Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta**

No. : 4654/C.2-II/PSKG FKIK-UMY/I/2019 Tgl. 16 Januari 2019

Perihal : **Surat Izin Penelitian**

dan berdasar Putusan Sidang Majelis Dikdasmen PDM Kota Yogyakarta, hari **Kamis** tanggal **25 Jumadil Awwal 1440 H**, bertepatan tanggal **31 Januari 2019 M** yang salah satu agenda sidangnya membahas pemberian izin penelitian/praktek kerja/observasi, maka dengan ini kami memberikan **izin** kepada:

Nama Terang : **ARISKA MEI WAHYU NIRMALASARI** NIM. 20150340010  
Pekerjaan : Mahasiswa pada **prodi Kedokteran Gigi Universitas Muhammadiyah Yogyakarta**  
Alamat : **Lingkar Selatan, Tamantirto, Kasihan, Bantul**  
Pembimbing : **drg. Likky Tiara Alphianti, MDSc., Sp.KGA**

**untuk melakukan observasi/penelitian/pengumpulan data dalam rangka menyusun Skripsi :**

Judul : **PERBEDAAN SIKAP DAN PENGETAHUAN TENTANG KESEHATAN GIGI DAN MULUT ANTARA METODE PEMBELAJARAN KOOPERATIF JIGSAW DENGAN METODE PEMBELAJARAN KONVENSIONAL (KAJIAN PADA ANAK USIA 10-11 TAHUN DI SD MUHAMMADIYAH SURONATAN KOTA YOGYAKARTA)**

Lokasi : **SD Muhammadiyah Suronatan Yogyakarta**

dengan ketentuan sebagai berikut:

1. Menyerahkan tembusan surat ini kepada pejabat yang dituju.
2. Wajib menjaga tata tertib dan menaati ketentuan-ketentuan yang berlaku di sekolah/setempat.
3. Wajib memberi laporan hasil penelitian/praktek kerja/observasi dalam bentuk CD kepada Majelis Pendidikan Dasar dan Menengah Pimpinan Daerah Muhammadiyah Kota Yogyakarta.
4. Izin ini tidak disalagunakan untuk tujuan tertentu yang dapat mengganggu kestabilan Persyarikatan dan hanya diperlukan untuk keperluan ilmiah.
5. Surat izin ini dapat diajukan kembali untuk mendapat perpanjangan bila di-perlukan.
6. Surat izin ini dapat dibatalkan sewaktu-waktu bila tidak dipenuhi ketentuan-ketentuan tersebut di atas.

**MASA BERLAKU3 (TIGA) BULAN :**

**01-02-2019 sampai dengan 01-05-2019**

Tanda tangan dan pegang Izin,

**Ariska Mei Wahyu Nirmalasari**

Yogyakarta, 01 Februari 2019

Ketua,

**Dr. H. Ariswan, M.Si., DEA**  
NBM. 820.325

Sekretaris,

**Buana, S.Pd., M.Eng**  
NBM. 728.558

Tembusan:

1. PDM Kota Yogyakarta
2. Fak.Kedokteran & Ilmu Kesehatan UMY
3. Kepala SD Muh. Suronatan Yk

1. Uji validitas sikap

Correlations

	s1	s2	s3	s4	s5	s6	s7	s8	s9	s10	s11	s12	s13	s14	s15	s16	s17	s18	s19	s20	Skor	
s Pearson 1 Correlation	1	.513**	.324*	.277	.158	.261	.314*	.263	.450**	-.154	.405**	.507**	.435**	.533**	.125	.235	.345*	.090	.366*	.337*	.683**	
Sig. (2-tailed)		.001	.039	.080	.322	.100	.045	.097	.003	.338	.009	.001	.004	.000	.435	.139	.027	.576	.018	.031	.000	
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 2 Correlation	.513**	1	.256	.329*	.204	.178	.373*	-.009	.342*	-.286	.232	.467**	.308	.276	.114	.104	.001	.139	.159	.308*	.503**	
Sig. (2-tailed)	.001		.106	.036	.200	.266	.016	.956	.028	.070	.144	.002	.050	.081	.476	.519	.995	.385	.321	.050	.001	
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 3 Correlation	.324*	.256	1	.461**	.186	.115	.189	.046	.281	-.365*	.383*	.214	.174	.000	.028	-.186	.141	-.064	.203	-.025	.354*	
Sig. (2-tailed)	.039	.106		.002	.244	.475	.238	.775	.075	.019	.013	.179	.277	.997	.861	.243	.379	.693	.204	.876	.023	
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 4 Correlation	.277	.329*	.461**	1	.064	-.194	.315*	.042	.097	-.161	.141	.160	.283	.077	-.035	-.046	-.098	-.126	.331*	.217	.319*	
Sig. (2-tailed)	.080	.036	.002		.691	.224	.045	.795	.547	.315	.378	.317	.073	.633	.827	.774	.542	.432	.034	.173	.042	
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 5 Correlation	.158	.204	.186	.064	1	.038	.331*	.210	.259	.015	.505**	.273	.357*	.242	.382*	.108	.268	.490**	.393*	.591**	.603**	
Sig. (2-tailed)	.322	.200	.244	.691		.816	.035	.187	.102	.925	.001	.084	.022	.127	.014	.503	.091	.001	.011	.000	.000	

N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 6 Correlation	.261	.178	.115	-.194	.038	1	.078	.335*	.203	-.024	.195	.013	.260	-.076	.110	-.297	.484**	.037	-.033	-.034	.261
Sig. (2-tailed)	.100	.266	.475	.224	.816		.627	.033	.202	.883	.222	.935	.101	.637	.493	.059	.001	.817	.838	.832	.100
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 7 Correlation	.314*	.373*	.189	.315*	.331*	.078	1	.283	.277	.005	.475**	.260	.283	.342*	.312*	.098	.154	.396*	.345*	.317*	.604**
Sig. (2-tailed)	.045	.016	.238	.045	.035	.627		.073	.080	.977	.002	.101	.073	.029	.047	.541	.338	.010	.027	.044	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 8 Correlation	.263	-.009	.046	.042	.210	.335*	.283	1	.335*	-.009	.242	.294	.288	.279	.177	.161	.285	.092	.249	.230	.479**
Sig. (2-tailed)	.097	.956	.775	.795	.187	.033	.073		.032	.953	.128	.062	.068	.078	.268	.315	.071	.569	.117	.147	.002
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 9 Correlation	.450**	.342*	.281	.097	.259	.203	.277	.335*	1	-.093	.353*	.476**	.187	.217	.152	-.053	.297	.257	.549**	.457**	.635**
Sig. (2-tailed)	.003	.028	.075	.547	.102	.202	.080	.032		.563	.024	.002	.243	.172	.342	.744	.060	.105	.000	.003	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 10 Correlation	-.154	-.286	-.365*	-.161	.015	-.024	.005	-.009	-.093	1	-.183	-.163	-.033	.014	.157	.278	-.061	-.020	.145	.195	.017
Sig. (2-tailed)	.338	.070	.019	.315	.925	.883	.977	.953	.563		.251	.307	.839	.930	.327	.078	.704	.900	.366	.222	.918

N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.405**	.232	.383*	.141	.505**	.195	.475**	.242	.353*	-.183	1	.385*	.607**	.529**	.470**	.147	.258	.246	.223	.304	.670**
<sup>1</sup> Sig. (2-tailed)	.009	.144	.013	.378	.001	.222	.002	.128	.024	.251		.013	.000	.000	.002	.358	.104	.122	.162	.054	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.507**	.467**	.214	.160	.273	.013	.260	.294	.476**	-.163	.385*	1	.306	.554**	.390*	.361*	-.059	.125	.191	.391*	.613**
<sup>2</sup> Sig. (2-tailed)	.001	.002	.179	.317	.084	.935	.101	.062	.002	.307	.013		.052	.000	.012	.020	.713	.436	.231	.012	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.435**	.308	.174	.283	.357*	.260	.283	.288	.187	-.033	.607**	.306	1	.501**	.497**	.223	.236	.192	.420**	.418**	.653**
<sup>3</sup> Sig. (2-tailed)	.004	.050	.277	.073	.022	.101	.073	.068	.243	.839	.000	.052		.001	.001	.160	.137	.230	.006	.006	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.533**	.276	.000	.077	.242	-.076	.342*	.279	.217	.014	.529**	.554**	.501**	1	.585**	.556**	.035	.445**	.210	.472**	.636**
<sup>4</sup> Sig. (2-tailed)	.000	.081	.997	.633	.127	.637	.029	.078	.172	.930	.000	.000	.001		.000	.000	.829	.004	.187	.002	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.125	.114	.028	-.035	.382*	.110	.312*	.177	.152	.157	.470**	.390*	.497**	.585**	1	.325*	-.050	.357*	.211	.477**	.526**
<sup>5</sup> Sig. (2-tailed)	.435	.476	.861	.827	.014	.493	.047	.268	.342	.327	.002	.012	.001	.000		.038	.754	.022	.185	.002	.000

N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.235	.104	-.186	-.046	.108	-.297	.098	.161	-.053	.278	.147	.361*	.223	.556**	.325*	1	-.005	.139	.041	.308	.327*
<sup>6</sup> Sig. (2-tailed)	.139	.519	.243	.774	.503	.059	.541	.315	.744	.078	.358	.020	.160	.000	.038		.978	.385	.798	.050	.037
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.345*	.001	.141	-.098	.268	.484**	.154	.285	.297	-.061	.258	-.059	.236	.035	-.050	-.005	1	.113	.318*	.159	.403**
<sup>7</sup> Sig. (2-tailed)	.027	.995	.379	.542	.091	.001	.338	.071	.060	.704	.104	.713	.137	.829	.754	.978		.481	.043	.322	.009
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.090	.139	-.064	-.126	.490**	.037	.396*	.092	.257	-.020	.246	.125	.192	.445**	.357*	.139	.113	1	.363*	.553**	.455**
<sup>8</sup> Sig. (2-tailed)	.576	.385	.693	.432	.001	.817	.010	.569	.105	.900	.122	.436	.230	.004	.022	.385	.481		.020	.000	.003
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 1 Correlation	.366*	.159	.203	.331*	.393*	-.033	.345*	.249	.549**	.145	.223	.191	.420**	.210	.211	.041	.318*	.363*	1	.598**	.639**
<sup>9</sup> Sig. (2-tailed)	.018	.321	.204	.034	.011	.838	.027	.117	.000	.366	.162	.231	.006	.187	.185	.798	.043	.020		.000	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 2 Correlation	.337*	.308*	-.025	.217	.591**	-.034	.317*	.230	.457**	.195	.304	.391*	.418**	.472**	.477**	.308	.159	.553**	.598**	1	.718**
<sup>10</sup> Sig. (2-tailed)	.031	.050	.876	.173	.000	.832	.044	.147	.003	.222	.054	.012	.006	.002	.002	.050	.322	.000	.000		.000





N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson e Correlation	.324*	.256	1	.461**	.186	.115	.189	.046	.281	-.365*	.383*	.214	.174	.000	.028	-.186	.141	-.064	.203	-.025	.354*
Sig. (2-tailed)	.039	.106		.002	.244	.475	.238	.775	.075	.019	.013	.179	.277	.997	.861	.243	.379	.693	.204	.876	.023
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 4 Correlation	.277	.329*	.461**	1	.064	-.194	.315*	.042	.097	-.161	.141	.160	.283	.077	-.035	-.046	-.098	-.126	.331*	.217	.319*
Sig. (2-tailed)	.080	.036	.002		.691	.224	.045	.795	.547	.315	.378	.317	.073	.633	.827	.774	.542	.432	.034	.173	.042
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 5 Correlation	.158	.204	.186	.064	1	.038	.331*	.210	.259	.015	.505**	.273	.357*	.242	.382*	.108	.268	.490**	.393*	.591*	.603**
Sig. (2-tailed)	.322	.200	.244	.691		.816	.035	.187	.102	.925	.001	.084	.022	.127	.014	.503	.091	.001	.011	.000	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 6 Correlation	.261	.178	.115	-.194	.038	1	.078	.335*	.203	-.024	.195	.013	.260	-.076	.110	-.297	.484*	.037	-.033	-.034	.261
Sig. (2-tailed)	.100	.266	.475	.224	.816		.627	.033	.202	.883	.222	.935	.101	.637	.493	.059	.001	.817	.838	.832	.100
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
s Pearson 7 Correlation	.314*	.373*	.189	.315*	.331*	.078	1	.283	.277	.005	.475**	.260	.283	.342*	.312*	.098	.154	.396*	.345*	.317*	.604**
Sig. (2-tailed)	.045	.016	.238	.045	.035	.627		.073	.080	.977	.002	.101	.073	.029	.047	.541	.338	.010	.027	.044	.000

N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson 8Correlation	.263	-.009	.046	.042	.210	.335*	.283	1	.335*	-.009	.242	.294	.288	.279	.177	.161	.285	.092	.249	.230	.479**
Sig. (2-tailed)	.097	.956	.775	.795	.187	.033	.073		.032	.953	.128	.062	.068	.078	.268	.315	.071	.569	.117	.147	.002
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson 9Correlation	.450**	.342*	.281	.097	.259	.203	.277	.335*	1	-.093	.353*	.476**	.187	.217	.152	-.053	.297	.257	.549**	.457*	.635**
Sig. (2-tailed)	.003	.028	.075	.547	.102	.202	.080	.032		.563	.024	.002	.243	.172	.342	.744	.060	.105	.000	.003	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson 10Correlation	-.154	-.286	-.365*	-.161	.015	-.024	.005	-.009	-.093	1	-.183	-.163	-.033	.014	.157	.278	-.061	-.020	.145	.195	.017
Sig. (2-tailed)	.338	.070	.019	.315	.925	.883	.977	.953	.563		.251	.307	.839	.930	.327	.078	.704	.900	.366	.222	.918
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson 11Correlation	.405**	.232	.383*	.141	.505**	.195	.475**	.242	.353*	-.183	1	.385*	.607**	.529**	.470**	.147	.258	.246	.223	.304	.670**
Sig. (2-tailed)	.009	.144	.013	.378	.001	.222	.002	.128	.024	.251		.013	.000	.000	.002	.358	.104	.122	.162	.054	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson 12Correlation	.507**	.467**	.214	.160	.273	.013	.260	.294	.476**	-.163	.385*	1	.306	.554**	.390*	.361*	-.059	.125	.191	.391*	.613**
Sig. (2-tailed)	.001	.002	.179	.317	.084	.935	.101	.062	.002	.307	.013		.052	.000	.012	.020	.713	.436	.231	.012	.000

N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.435**	.308	.174	.283	.357*	.260	.283	.288	.187	-.033	.607**	.306	1	.501**	.497**	.223	.236	.192	.420**	.418*	.653**
zSig. (2-tailed)	.004	.050	.277	.073	.022	.101	.073	.068	.243	.839	.000	.052		.001	.001	.160	.137	.230	.006	.006	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.533**	.276	.000	.077	.242	-.076	.342*	.279	.217	.014	.529**	.554**	.501**	1	.585**	.556*	.035	.445**	.210	.472*	.636**
zSig. (2-tailed)	.000	.081	.997	.633	.127	.637	.029	.078	.172	.930	.000	.000	.001		.000	.000	.829	.004	.187	.002	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.125	.114	.028	-.035	.382*	.110	.312*	.177	.152	.157	.470**	.390*	.497**	.585**	1	.325*	-.050	.357*	.211	.477*	.526**
zSig. (2-tailed)	.435	.476	.861	.827	.014	.493	.047	.268	.342	.327	.002	.012	.001	.000		.038	.754	.022	.185	.002	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.235	.104	-.186	-.046	.108	-.297	.098	.161	-.053	.278	.147	.361*	.223	.556**	.325*	1	-.005	.139	.041	.308	.327*
zSig. (2-tailed)	.139	.519	.243	.774	.503	.059	.541	.315	.744	.078	.358	.020	.160	.000	.038		.978	.385	.798	.050	.037
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.345*	.001	.141	-.098	.268	.484**	.154	.285	.297	-.061	.258	-.059	.236	.035	-.050	-.005	1	.113	.318*	.159	.403**
zSig. (2-tailed)	.027	.995	.379	.542	.091	.001	.338	.071	.060	.704	.104	.713	.137	.829	.754	.978		.481	.043	.322	.009

N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.090	.139	-.064	-.126	.490**	.037	.396*	.092	.257	-.020	.246	.125	.192	.445**	.357*	.139	.113	1	.363*	.553*	.455**
gSig. (2-tailed)	.576	.385	.693	.432	.001	.817	.010	.569	.105	.900	.122	.436	.230	.004	.022	.385	.481		.020	.000	.003
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.366*	.159	.203	.331*	.393*	-.033	.345*	.249	.549**	.145	.223	.191	.420**	.210	.211	.041	.318*	.363*	1	.598*	.639**
gSig. (2-tailed)	.018	.321	.204	.034	.011	.838	.027	.117	.000	.366	.162	.231	.006	.187	.185	.798	.043	.020		.000	.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.337*	.308*	-.025	.217	.591**	-.034	.317*	.230	.457**	.195	.304	.391*	.418**	.472**	.477**	.308	.159	.553**	.598**	1	.718**
gSig. (2-tailed)	.031	.050	.876	.173	.000	.832	.044	.147	.003	.222	.054	.012	.006	.002	.002	.050	.322	.000	.000		.000
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
sPearson lCorrelation	.683**	.503**	.354*	.319*	.603**	.261	.604**	.479**	.635**	.017	.670**	.613**	.653**	.636**	.526**	.327*	.403*	.455**	.639**	.718*	1
gSig. (2-tailed)	.000	.001	.023	.042	.000	.100	.000	.002	.000	.918	.000	.000	.000	.000	.000	.037	.009	.003	.000	.000	
N	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41

\*\* . Correlation is significant at the  
0.01 level (2-tailed).

\* . Correlation is significant at the 0.05  
level (2-tailed).

1. Uji Reabilitas sikap

**Case Processing Summary**

		N	%
Cases	Valid	41	100.0
	Excluded <sup>a</sup>	0	.0
	Total	41	100.0

a. . Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	N of Items
.842	20

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
s1	54.59	90.199	.622	.825
s2	54.66	93.830	.420	.835
s3	54.68	96.872	.254	.842
s4	54.61	98.144	.229	.843
s5	55.29	91.062	.526	.829
s6	56.10	99.440	.172	.845
s7	54.46	92.005	.534	.829
s8	55.27	94.601	.395	.836
s9	55.49	88.856	.551	.828
s10	55.66	104.230	-.082	.856
s11	54.49	90.406	.608	.826
s12	54.56	90.652	.535	.829
s13	54.12	95.610	.615	.831
s14	54.22	93.726	.585	.829
s15	54.15	96.828	.476	.834
s16	54.56	97.802	.233	.843
s17	55.41	95.199	.298	.841
s18	54.20	97.211	.394	.836
s19	55.29	90.012	.565	.827
s20	55.10	87.990	.655	.823

2. Uji reabilitas pengetahuan

**Case Processing Summary**

		N	%
Cases	Valid	41	100.0
	Excluded <sup>a</sup>	0	.0
	Total	41	100.0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	N of Items
.742	20

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
s1	46.32	35.172	.278	.734
s2	46.37	34.438	.340	.729
s3	46.27	34.601	.393	.727
s4	46.63	35.588	.214	.739
s5	46.54	33.655	.379	.726
s6	46.76	35.489	.180	.743
s7	46.46	34.205	.338	.729
s8	46.76	32.389	.584	.709
s9	46.34	33.430	.469	.719
s10	46.46	37.055	.023	.754
s11	46.61	34.594	.249	.737
s12	46.61	33.694	.342	.729
s13	46.39	34.244	.360	.728
s14	46.90	35.340	.194	.742
s15	47.05	33.698	.535	.717
s16	46.39	33.944	.354	.728
s17	46.59	33.699	.397	.724
s18	46.37	35.838	.187	.741
s19	46.61	34.744	.296	.733
s20	47.05	37.098	.054	.748

## LEMBAR PERMOHONAN MENJADI RESPONDEN

Kepada Yth.

Orang Tua Siswa/siswi

SD Muhammadiyah Suronatan

Di Kota Yogyakarta

Dengan hormat,

Saya yang betanda tangan dibawah ini adalah mahasiswi Progam Studi Kedokteran Gigi, Fakultas Kedokteran dan Ilmu Kesehatan Universitas Muhammadiyah Yogyakarta.

Nama : Ariska Mei Wahyu Nirmalasari

NIM: 20150340010

Akan melakukan penelitian dengan judul “Perbedaan Sikap dan Pengetahuan Tentang Kesehatan Gigi Mulut antara Metode Pembelajaran Kooperatif *Jigsaw* dengan Metode Pembelajaran Konvensional. Penelitian ini tidak menimbulkan akibat yang merugikan siswa/siswi sebagai responden. Semua informasi yang diberikan akan dijaga kerahasiaannya dan hanya digunakan untuk keperluan penelitian. Apabila siswa/siswi menyetujui maka saya mohon kesediaannya untuk menandatangani surat persetujuan ini dan menjawab pertanyaan yang tersedia.

Demikian surat permohonan ini, atas perhatian dan kesediaan siswa/siswi sebagai responden saya ucapkan terimakasih.

Yogyakarta, 1 April 2019

Peneliti

Ariska Mei Wahyu Nirmalasari



## LEMBAR PERSETUJUAN MENJADI RESPONDEN

Saya, yang bertanda tangan di bawah ini:

Nama :

Umur / Kelamin :tahun, Laki-laki\* / Perempuan\*

Alamat :

Dengan ini saya menyatakan dengan sesungguhnya telah memberikan persetujuan Untuk menjadi responden penelitian yang berjudul “Perbedaan Sikap dan Pengetahuan Tentang Kesehatan Gigi Mulut antara Metode Pembelajaran Kooperatif *Jigsaw* dengan Metode Pembelajaran Konvensional”. Terhadap Surveyor :

Nama: Ariska Mei Wahyu Nirmalasari

NIM: 20150340010

Fakultas / Program Studi: Kedokteran / Program Studi Dokter Gigi

Perguruan Tinggi : Universitas Muhammadiyah Yogyakarta

Demikian persetujuan ini saya buat dengan penuh kesadaran dan tanpa paksaan.

Yogyakarta, 1 April 2019

Responden

\*coret yang tidak perlu (.....)

**KUESIONER PERBEDAAN SIKAP DAN PENGETAHUAN TENTANG  
KESEHATAN GIGI DAN MULUT ANTARA METODE PEMBELAJARAN  
KOOPERATIF *JIGSAW* DENGAN METODE PEMBELAJARAN  
KONVENSIONAL**

**IDENTIFIKASI**

**Nama:**

**Usia:**

**Kelas:**

**Alamat:**

**PENGETAHUAN**

**Berilah tanda checklist (√) pada kolom yang sesuai dengan pernyataan!**

No.	Pernyataan	Benar	Salah	Tidak tahu
1.	Penyebab gigi berlubang adalah sisa makanan yang tidak dibersihkan			
2.	Menyikat gigi menyebabkan gigi berlubang			
3.	Menyikat gigi membuat gigi menjadi lebih putih			
4.	Menyikat gigi dua kali sehari ketika mandi pagi dan mandi sore			
5.	Bentuk bulu sikat gigi yang tepat dengan bulu halus dan ujung kepala sikat mengecil			
6.	Sikat gigi yang tepat dengan bulu yang keras dan kuat			
7.	Sikat gigi sebaiknya diganti tiap 6 bulan sekali			
8.	Makanan manis dan lengket dapat merusak gigi			
9.	Kesehatan gigi dan mulut mempengaruhi kondisi kesehatan secara umum			
10.	Sikat gigi sebaiknya diganti tiap 3 bulan sekali			
11.	Merokok mempengaruhi kesehatan gigi dan mulut			
12.	Gigi ditambal ketika merusak penampilan			
13.	Gigi berlubang dapat ditularkan oleh orang lain			
14.	Kekurangan vitamin dapat mempengaruhi gusi			
15.	Gigi ditambal ketika gigi berlubang dan menimbulkan rasa sakit			
16.	Menggunakan tusuk gigi dapat merusak struktur gigi			

**SIKAP****Berilah tanda checklist (√) pada kolom yang sesuai dengan pernyataan!**

No	Pernyataan	Sangat setuju	Setuju	Kurang setuju	Tidak setuju
1.	Menyikat gigi minimal dua kali sehari				
2.	Gigi berlubang disebabkan konsumsi gula yang berlebihan				
3.	Gigi berlubang akan sembuh sendiri tanpa ditambal				
4.	Kontrol kesehatan gigi ke dokter gigi 6 bulan sekali				
5.	Normalnya gusi memang mudah berdarah saat menyikat gigi				
6.	Menyikat gigi setiap hari sebelum tidur				
7.	Jika belum timbul rasa sakit maka gigi tidak perlu diobati				
8.	Menyikat gigi dua kali saat mandi pagi dan sore				
9.	Bertukar sikat gigi dengan teman/orang lain				
10.	Merokok dapat mempengaruhi kesehatan gigi dan mulut				
11.	Menyikat gigi di seluruh permukaan gigi				
12.	Kekurangan vitamin dapat mempengaruhi kondisi gusi				
13.	Gigi sehat adalah gigi yang kuat dan tidak berlubang				
14.	Kesehatan gigi dan mulut mempengaruhi kondisi kesehatan secara umum				
15.	Gigi dicabut ketika sakit				
16.	Menyikat gigi bagian depan saja, karena gigi tersebut sering dilihat				
17.	Gigi goyang sebaiknya dicabut				
18.	Jika belum timbul rasa sakit maka gigi tidak perlu diobat				

1. Uji Normalitas

Uji Normalitas\_Sikap *Jigsaw*

**Descriptives**

		Statistic	Std. Error
Pre Test	Mean	54.67	.662
	95% Confidence Interval for Mean		
	Lower Bound	53.32	
	Upper Bound	56.01	
	5% Trimmed Mean	54.74	
	Median	54.50	
	Variance	15.771	
	Std. Deviation	3.971	
	Minimum	47	
	Maximum	61	
	Range	14	
	Interquartile Range	7	
	Skewness	-.141	.393
	Kurtosis	-1.158	.768
Post Test	Mean	64.42	.531
	95% Confidence Interval for Mean		
	Lower Bound	63.34	
	Upper Bound	65.49	
	5% Trimmed Mean	64.41	
	Median	65.00	
	Variance	10.136	
	Std. Deviation	3.184	
	Minimum	58	
	Maximum	71	
	Range	13	
	Interquartile Range	5	
	Skewness	-.112	.393
	Kurtosis	-.463	.768

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	df	Sig.
Pre Test	.166	36	.013	.949	36	.095
Post Test	.100	36	.200*	.982	36	.822

\*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Uji Normalitas Sikap Konvensional

### Descriptives

		Statistic	Std. Error
Pre Test	Mean	50.31	.667
	95% Confidence Interval for Mean	48.95	
	Lower Bound		
	Upper Bound	51.67	
	5% Trimmed Mean	50.46	
	Median	51.00	
	Variance	14.222	
	Std. Deviation	3.771	
	Minimum	42	
	Maximum	56	
	Range	14	
	Interquartile Range	6	
	Skewness	-.617	.414
	Kurtosis	-.585	.809
Post Test	Mean	56.28	.784
	95% Confidence Interval for Mean	54.68	
	Lower Bound		
	Upper Bound	57.88	
	5% Trimmed Mean	56.38	
	Median	56.00	
	Variance	19.693	
	Std. Deviation	4.438	
	Minimum	45	
	Maximum	64	
	Range	19	
Interquartile Range	6		

Skewness	-0.256	.414
Kurtosis	-0.006	.809

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre Test	.166	32	.025	.937	32	.062
Post Test	.085	32	.200*	.978	32	.738

\*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Uji normalitas pengetahuan *Jigsaw*

### Descriptives

		Statistic	Std. Error
Pre Test	Mean	38.61	.680
	95% Confidence Interval for Mean		
	Lower Bound	37.23	
	Upper Bound	39.99	
	5% Trimmed Mean	38.70	
	Median	38.50	
	Variance	16.644	
	Std. Deviation	4.080	
	Minimum	31	
	Maximum	45	
	Range	14	
	Interquartile Range	7	
	Skewness	-.237	.393
	Kurtosis	-.710	.768
Post Test	Mean	44.25	.616
	95% Confidence Interval for Mean		
	Lower Bound	43.00	
	Upper Bound	45.50	
	5% Trimmed Mean	44.19	
	Median	44.00	
	Variance	13.679	
	Std. Deviation	3.698	
	Minimum	37	

Maximum	53	
Range	16	
Interquartile Range	5	
Skewness	.207	.393
Kurtosis	-.159	.768

### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre Test	.109	36	.200*	.941	36	.056
Post Test	.086	36	.200*	.987	36	.943

\*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Uji Normalitas

Pengetahuan Konvensional

### Descriptives

		Statistic	Std. Error
Pre Test	Mean	38.69	1.068
	95% Confidence Interval for Mean		
	Lower Bound	36.51	
	Upper Bound	40.87	
	5% Trimmed Mean	38.91	
	Median	40.00	
	Variance	36.480	
	Std. Deviation	6.040	
	Minimum	26	
	Maximum	47	
	Range	21	
	Interquartile Range	9	
	Skewness	-.578	.414
	Kurtosis	-.638	.809
Post Test	Mean	41.06	.852
	95% Confidence Interval for Mean		
	Lower Bound	39.33	
Upper Bound	42.80		

5% Trimmed Mean	41.29	
Median	42.00	
Variance	23.222	
Std. Deviation	4.819	
Minimum	30	
Maximum	48	
Range	18	
Interquartile Range	8	
Skewness	-.694	.414
Kurtosis	-.353	.809



**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre Test	.149	32	.070	.935	32	.054
Post Test	.140	32	.115	.938	32	.065

a. Lilliefors Significance Correction

2. Uji beda

Uji Paired Sampel T-Test sikap metode *jigsaw*

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre Test	54.67	36	3.971	.662
	Post Test	64.42	36	3.184	.531

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Pre Test & Post Test	36	.364	.029

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Pre Test - Post Test	-9.750	4.087	.681	-11.133	-8.367	-14.312	35	.000

Uji Paired Sampel T-Test sikap metode konvensional

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre Test	50.31	32	3.771	.667
	Post Test	56.28	32	4.438	.784

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Pre Test & Post Test	32	.542	.001

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Pre Test - Post Test	-5.969	3.972	.702	-7.401	-4.537	-8.502	31	.000

Uji Paired Sampel T-Test pengetahuan metode jigsaw

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre Test	38.61	36	4.080	.680
	Post Test	44.25	36	3.698	.616

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Pre Test & Post Test	36	.258	.128

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Pre Test - Post Test	-5.639	4.746	.791	-7.245	-4.033	-7.129	35	.000

Uji Paired Sampel T-Test metode konvensional

**Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre Test	38.69	32	6.040	1.068
	Post Test	41.06	32	4.819	.852

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Pre Test & Post Test	32	.557	.001

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Pre Test - Post Test	-2.375	5.222	.923	-4.258	-.492	-2.573	31	.015

Uji Independent Sampel T-Test sikap

**Group Statistics**

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Sikap	Jigsaw	36	64.42	3.184	.531
	Konvensional	32	56.28	4.438	.784

**Independent Samples Test**

	Levene's Test for Equality of Variances		t-test for Equality of Means						
	F	Sig.	T	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
								Lower	Upper
Equal variances assumed	3.350	.072	8.756	66	.000	8.135	.929	6.280	9.990
Sikap Equal variances not assumed			8.590	55.555	.000	8.135	.947	6.238	10.033

Uji Independent Sampel T-Test pengetahuan

**Group Statistics**

	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Pengetahuan	Jigsaw	36	44.25	3.698	.616
	Konvensional	32	41.06	4.819	.852

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	T	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Pengetahuan	Equal variances assumed	2.998	.088	3.079	66	.003	3.188	1.035	1.120	5.255
	Equal variances not assumed			3.031	57.902	.004	3.188	1.051	1.083	5.292

Lampiran Foto Kegiatan Penelitian



