

Lampiran 1 Keterangan Lolos Uji Etik





KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
INSTITUT ILMU KESEHATAN STRADA INDONESIA

KOMISI ETIK PENELITIAN KESEHATAN
HEALTH RESEARCH ETHICS COMMITTEE

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KETERANGAN KELAIKAN ETIK
"ETHICAL CLEARANCE"

Nomor: 001191/EC/KEPK/I/03/2024

Komite Etik Penelitian Kesehatan Institut Ilmu Kesehatan STRADA Indonesia dalam upaya melindungi hak asasi dan kesejahteraan subyek penelitian kesehatan, telah mengkaji dengan teliti protokol berjudul:

The Health Research Ethics Committee Institut Ilmu Kesehatan STRADA Indonesia in the effort to protect the rights and welfare of research subjects of health, has reviewed carefully the protocol entitled: **PENGARUH PENYULUHAN METODE FAST STROKE TERHADAP PENGETAHUAN KELUARGA DAN PASIEN DI RAWAT INAP RUANG HIGH DEPENDENCY UNIT – BRUNEI NEUROSCIENCE STROKE & REHABILITATION CENTRE – PANTAIJERUDONG SPECIALIST CENTRE DI BRUNEI DARUSSALAM**

Peneliti Utama : **Tuti komalasari**
Principal Researcher

Anggota Peneliti :
Members of Researcher :
Nama Institusi : **PROGRAM STUDI S1 KEPERAWATAN FAKULTAS KEPERAWATAN & KEBIDANAN INSTITUT ILMU KESEHATAN (IIK) STRADA INDONESIA KEDIRI**
Name of Institution

Dan telah menyetujui protokol tersebut di atas.
And approved the above mentioned protocol.



Ditetapkan di : Kediri
Specified in
Tanggal : 27 Maret 2024
Date

Ketua,
Chairman

MOH SAHERL, SKM, MPH

Keterangan:
Notes:

Persetujuan etik ini berlaku selama satu tahun sejak tanggal ditetapkan
This ethical clearance is effective for one year from the due date
Pada akhir penelitian, laporan pelaksanaan penelitian harus diserahkan ke Komisi Etik Penelitian Kesehatan
In the end of the research, progress and final summary report should be submitted to the Health Research Ethics Committee
Jika ada perubahan atau penyimpangan protokol dan atau perpanjangan penelitian, harus mengajukan kembali permohonan kajian etik penelitian
If there be any protocol modification or deviation and or extension of the study, the principal investigator is required to resubmit the protocol for approval
Jika ada kejadian serius yang tidak diinginkan (KTD) harus segera dilaporkan ke Komisi Etik Penelitian Kesehatan
If there are Serious Adverse Events (SAE) should be immediately reported to the Health Research Ethics Committee

NIK : 13.07.19.026

Lampiran 2 : Lembar Persetujuan Menjadi Responden Dalam Bahasa Inggris

INFORMED CONSENT CONSENT FORM FOR PARTICIPATION IN RESEARCH

After getting the explanation regarding "The Influence of FAST Method (Face, Arm, Speech, Time) Stroke Counseling on the Knowledge of Families and Patient in High Dependency Unit Hospitalization - Brunei Neuroscience Stroke & Rehabilitation Center - Pantai Jerudong Specialist Center in Brunei Darussalam" which will be done to me, I with this declares:

Agree

To participate as a respondent in conducting this research, during the conduct of the research I have the right not to answer or can withdraw from continuing to be a respondent in the research conducted, if this research disturbs my peace or comfort

Researcher

(Tuti Komalasari)

Jerudong, Februari, 2024

Respondent

(_____)

Lampiran 3: Lembar Persetujuan Menjadi Responden Dalam Bahasa Melayu

INFORMED CONSENT

LEMBARAN PERSETUJUAN UNTUK PENYERTAAN DALAM PENYELIDIKAN

Setelah mendapat penjelasan berkenaan "Pengaruh Penyuluhan Metode Fast (Face, Arm, Speech, Time) Stroke Terhadap Pengetahuan Keluarga Dan Pasien Di Rawat Inap Ruang High Dependency Unit – Brunei Neuroscience Stroke & Rehabilitation Centre – Pantai Jerudong Specialist Centre Di Brunei Darussalam" yang akan dilakukan kepada saya, saya dengan ini mengisytiharkan :

**Bersedia/A
gree**

Untuk mengambil bahagian sebagai responden dalam menjalankan penyelidikan ini, semasa menjalankan penyelidikan saya berhak untuk tidak menjawab atau boleh menarik diri daripada terus menjadi responden dalam penyelidikan yang dijalankan, sekiranya kajian ini mengganggu ketenangan atau keselesaan saya

Peneliti

(Tuti Komalasari)

Jerudong, Februari 2024

Responden

(_____)

Lampiran 4 : Kisi – Kisi Pertanyaan dalam Bahasa Inggris

QUESTIONNAIRE FOR EARLY DETECTION OF STROKE SIGNS AND SYMPTOMS WITH FAST (FACE, ARM, SPEECH AND TIME) METHOD

DATE :

RESPONDENT CODE :

Fill in the data according to the items requested below

A. General data

Name initials :

Gender :

Age :

Family/patient :

work :

Education :

Knowledge of the FAST stroke method

1. Did you know about FAST stroke method from
 - a. MOH event
 - b. Tv/newspaper
 - c. Internet
 - d. Never know about it
2. Have you ever heard about term of stroke
 - o y e s
 - o n o
3. Do you know anyone who had stroke
 - o y e s
 - o n o
4. How do you identify the warning signs and symptoms stroke (please answer 'yes' or 'no', if you are unsure, answer 'I don't know') with checklist

No	QUESTION	ANSWER		
		YES	No	I don't know
4.a	Do you think sudden confusion, trouble speaking or understanding speech is a stroke?			
4.b	Do you think sudden nose bleeding is a stroke symptom?			
4.c	Do you think sudden numbness or weakness of face, arm or leg is a symptom of stroke?			
4.d	Do you think sudden trouble seeing in one or both eyes is a stroke symptom?			
4.e	do you think sudden vomiting is a stroke			

	symptom?			
4.f	do you think sudden trouble walking, dizziness, loss balance or coordination are stroke symptom?			
4.g	do you think sudden severe headache with no known cause is a stroke symptom?			
4.h	do you think high temperature is stroke symptom?			

5. How do you identify the risk factors of stroke (please answer 'yes' or 'no', if you are unsure, answer 'I don't know') with checklist

No	QUESTION	ANSWER		
		YES	No	I don't know
5.a	Smoking			
5.b	Cough			
5.c	Lack of exercise			
5.d	High blood pressure			
5.e	Heart disease			
5.f	Family history			
5.g	High level of cholesterol			
5.h	Obesity or overweight			
5.i	diabetes			
5.j	Unhealthy diet			
5.k	Stress			
5.l	Alcohol			
5.m	Atrial fibrillation			

6. Do you think stroke requires a prompt treatment?
 o yes
 o no
7. If someone shows sign and symptom stroke, what do you think you should do first? (choose just one)
- Give them aspirin
 - Contact her/his family
 - Take them to hospital
 - Call ambulance
 - Call health care provider

Lampiran 5 : Kisi – Kisi Pertanyaan dalam Bahasa Melayu



**SOAL SELIDIK UNTUK PENGESANAN AWAL TANDA-TANDA
DAN GEJALA STROK DENGAN KAEDAH CEPAT (MUKA,
LENGAN, PERTUTURAN DAN MASA)**

TARIKH :

KOD RESPONDEN :

Isikan data mengikut item yang diminta di bawah

A. Data umum

Nama inisial :

Jantina :

Umur :

Keluarga/pesakit :

Pekerjaan :

Pendidikan :

Pengetahuan tentang kaedah strok FAST

1. Adakah anda tahu mengenai kaedah strok FAST dari

- a. Majlis KKM
- b. Tv/akhbar
- c. Internet
- d. Tidak pernah tahu mengenainya

2. Pernahkah anda mendengar tentang tempoh strok

- o ya
- o tidak

3. Adakah anda mengenali sesiapa yang mengalami strok

- o ya
- o tidak

4. Bagaimana anda mengenal pasti tanda-tanda amaran dan gejala strok (sila jawab 'ya' atau 'tidak', jika anda tidak pasti, jawab 'Saya tidak tahu')

No	pertanyaan	Jawaban		
		ya	tidak	Tidak tahu
4.a	Anda fikir kekeliruan secara tiba-tiba, masalah bercakap atau memahami pertuturan adalah strok?			
4.b	Anda fikir pendarahan hidung secara tiba-tiba adalah gejala strok?			
4.c	Anda fikir kebas secara tiba-tiba atau kelemahan muka, lengan atau kaki adalah gejala strok?			
4.d	Anda fikir masalah tiba-tiba melihat dalam satu atau kedua-dua mata adalah gejala strok?			
4.e	Anda fikir muntah secara tiba-tiba adalah gejala			

	strok?			
4.f	Anda fikir masalah tiba-tiba berjalan, pening, keseimbangan kehilangan atau koordinasi adalah gejala strok?			
4.g	Anda fikir sakit kepala yang teruk secara tiba-tiba tanpa couse yang diketahui adalah gejala strok?			
4.h	Anda fikir suhu tinggi adalah spmtom strok?			

5. Bagaimana anda mengenal pasti faktor risiko strok (sila jawab 'ya' atau 'tidak', jika anda tidak pasti, jawab 'Saya tidak tahu')

No	QUESTION	ANSWER		
		YES	No	I don't know
5.a	Merokok/sigup			
5.b	Batuk			
5.c	Kurang bersenam/exercise			
5.d	Tekanan darah tinggi			
5.e	Penyakit jantung			
5.f	Riwayat / Sejarah keluarga			
5.g	Colesterol yang tinggi			
5.h	Obesiti ataw berlebihan berat badan			
5.i	Diabetes/ kencing manis			
5.j	Diet tidak sihat			
5.k	Stress			
5.l	Alcohol			
5.m	Atrial fibrilation			

6. Do anda fikir strok memerlukan rawatan segera?
- o ya
 - o tidak
7. Jika seseorang menunjukkan tanda dan gejala strok, apa yang anda fikir anda perlu lakukan terlebih dahulu? (pilih satu sahaja)
- a. Beri mereka aspirin
 - b. Hubungi beliau / keluarganya
 - c. Bawa mereka ke hospital
 - d. Panggil ambulans
 - e. Hubungi penyedia penjagaan kesihatan

Lampiran 6 : Leaflet Dalam Bahasa Inggris



COMMON EFFECTS OF STROKE

- Pain
- Depression
- Changes in cognition
- Communication difficulties
- Spasticity

1 in 4 OF US

Control high blood pressure.
High blood pressure is the leading risk factor for stroke. It can often be controlled with medication and lifestyle changes.

Exercise 150 minutes per week.
Regular exercise helps to control blood pressure, cholesterol, and weight. It also improves mood and cognitive function.

Eat a healthy balanced diet.
A diet rich in fruits, vegetables, whole grains, and lean proteins can help reduce the risk of stroke. Limit salt and saturated fat.

Reduce your cholesterol.
High cholesterol can lead to plaque buildup in the arteries, increasing the risk of stroke. Medication and diet can help manage cholesterol.

Maintain a healthy weight.
Being overweight or obese increases the risk of stroke. Maintaining a healthy weight through diet and exercise can reduce this risk.

Stop smoking and avoid smoky environments.
Smoking is a major risk factor for stroke. Quitting smoking now can significantly reduce the risk. Avoid secondhand smoke.

Reduce your alcohol intake.
Excessive alcohol consumption can increase blood pressure and the risk of stroke. Limiting intake can help reduce this risk.

Identify and treat atrial fibrillation.
Atrial fibrillation is an irregular heart rhythm that can lead to blood clots and stroke. If diagnosed, treatment can reduce the risk.

Manage diabetes.
Diabetes increases the risk of stroke. Proper management through medication, diet, and exercise can help control blood sugar levels.

Manage stress and depression.
Chronic stress and depression can contribute to the development of stroke. Managing these conditions through therapy, medication, and lifestyle changes is important.

**DON'T BE
THE ONE**



Stroke is a leading cause of death and disability in Australia. It's important to know the signs and symptoms and to act quickly if you suspect someone is having a stroke.



**PANTAI JERUDONG
SPECIALIST CENTRE**

STROKE



LEARN ABOUT STROKE

1 in 4 of us will have a stroke in our lifetime. Knowing more about prevention and symptoms of stroke could save millions of lives, including yours.

Stroke happens when the blood supply to part of the brain is cut off. Without blood, brain cells can be damaged or die.

The signs of stroke



TYPES OF STROKE

Ischemic Stroke



Obstruction blocks blood flow to part of the brain

Hemorrhagic Stroke



Disrupted vessel wall ruptures, causing bleeding in the brain

- **Transient Ischemic Attack (TIA or mini-stroke)**

A TIA is caused by a temporary disruption in the blood supply to an area of the brain. It can cause symptoms similar to a stroke, but unlike a stroke these symptoms pass quickly and usually fully resolve within 24 hours.



6 KEY FACTS ABOUT STROKE TREATMENT

1. Early recognition makes a big difference.
2. Around 1 in 10 more people make an excellent recovery when cared for in a specialized stroke unit.
3. Clot-busting drugs (tPA or thrombolysis) increase the chance of a good outcome by 30%.
4. Clot retrieval treatment increases the chance of a good outcome by more than 50%.
5. Rehabilitation is a critical step in the treatment process.
6. One in four survivors will have another stroke.

Lampiran 7 : Leaflet Dalam Bahasa Melayu

6. Satu daripada empat yang terselamatkan akan diserang strok lagi.

KESAN BIASA DARIPADA STROK

- Sakit
- Kemurungan
- Perubahan kognisi
- Kesukaran berkomunikasi
- spastik

- Mengawal tekanan darah
- Bersenam 5 kali seminggu
- Amalkan pemakanan selimbang yang sihat
- Kurangkan kolesterol awda
- Mengekalkan berat badan yang sihat
- Berhenti merokok dan elakkan persekitaran yang berasap
- Kurangkan pengambilan alcohol
- Mengenal pasti dan merawat penyakit jantung
- Mengawal kevirng manis
- Mengawal masalah tekanan dan kemurungan

PISC/BNSRC/STROKE/L3/10.11.2011

1 IN 4 OF US

- Control high blood pressure.**
High blood pressure is a major risk factor for stroke. It can often be controlled with medication and lifestyle changes.
- Exercise 30 minutes per week.**
Regular exercise helps to control blood pressure, cholesterol, and weight, and improves overall health.
- Eat a healthy balanced diet.**
A diet rich in fruits, vegetables, and whole grains, and low in saturated fats, sodium, and sugar, can help reduce the risk of stroke.
- Reduce your cholesterol.**
High cholesterol can lead to the buildup of plaque in the arteries, which can increase the risk of stroke.
- Maintain a healthy weight.**
Being overweight or obese increases the risk of stroke. Maintaining a healthy weight can help reduce this risk.
- Stop smoking and avoid risky work situations.**
Smoking is a major risk factor for stroke. Quitting smoking now can significantly reduce the risk. Avoiding risky work situations can also help.
- Reduce your alcohol intake.**
Excessive alcohol consumption can increase the risk of stroke. Limiting intake can help reduce this risk.
- Identify and treat atrial fibrillation.**
Atrial fibrillation is a heart condition that can increase the risk of stroke. Identifying and treating it can help reduce the risk.
- Manage diabetes.**
Diabetes is a major risk factor for stroke. Managing blood sugar levels can help reduce the risk.
- Manage stress and depression.**
Stress and depression can increase the risk of stroke. Managing these conditions can help reduce the risk.

DON'T BE
THE ONE

Ministry of Health
Malaysia

PANTAI JERUDONG
SPECIALIST CENTRE

STROKE

www.pjcs.com

BELAJAR MENGENAI STROK

Satu dalam 4 daripada kita akan di serang stro dalam hidup kita. Mengetahui lebih lanjut tentang pencegahan dan gejala strok boleh menyelamatkan berjuta-juta nyawa, termasuk nyawa awda.

Stroke berlaku apabila bekalan darah ke bahagian otak terputus. Tanpa darah, sel-sel otak boleh rosak atau mati.

TANDA- TANDA STROK



TYPES OF STROKE



• Transient Ischemic Attack (TIA or mini-stroke)

TIA disebabkan oleh gangguan sementara dalam bekalan darah ke kawasan otak. Ia boleh menyebabkan simptom yang serupa dengan strok, tetapi tidak seperti strok, gejala ini berlaku dengan cepat dan biasanya hilang sepenuhnya dalam masa 24 jam.

FAKTOR RISIKO STROK

- Obesiti
- Diabetes
- Apnea tidur
- Penggunaan alcohol berat
- Merokok dan penggunaan dadah
- Kurang bersenam
- Penyakit cardiovascular



6 FAKTA UTAMA MENGENAI RAWATAN STROK

1. Pengiktirafan awal membuat perbezaan besar.
2. Kira-kira 1 dalam 10 lagi orang mencapai pemulihan yang sangat baik apabila dijaga dalam unit strok khusus.
3. Ubat penghapus bekuan (tPA atau trombolisis) meningkatkan peluang hasil yang baik sebanyak 30%.
4. Rawatan pengambilan semula bekuan darah meningkatkan peluang hasil yang baik daripada 50%.
5. Pemulihan adalah Langkah kritikal dalam proses rawatan.

Lampiran 8 : Hasil Data Penelitian Pre Test

PRE TEST

nama	p1	p2	p3	p4	p5	p6	p7	p8	p9	p10	p11	p12	p13	p14	p15	p16	p17	p18	p19	p20	p21	p22	p23	p24	p25	p26	total	%	katg
X1	1	1	1	0	0	1	0	0	0	1	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	12	48	3
X2	4	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X3	2	1	1	0	0	1	0	1	0	0	0	1	0	0	1	0	1	1	1	1	1	0	0	0	1	1	12	48	3
X4	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	7	28	3
X5	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X6	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X7	4	1	0	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	1	11	44	3
X8	2	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	0	1	1	12	48	3
X9	3	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	1	1	11	44	3
X10	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X11	1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	0	1	0	8	32	3
X12	4	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	8	32	3
X13	4	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	1	1	0	1	1	0	1	0	1	1	13	52	3
X14	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1	1	9	36	3
X15	4	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X16	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X17	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	9	36	3
X18	4	1	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	10	40	3
X19	4	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X20	2	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	9	36	3
X21	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	1	1	9	36	3
X22	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	6	12	3
X23	4	1	1	0	1	1	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	1	0	1	1	12	48	3
X24	1	1	0	1	0	1	0	0	1	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	1	1	10	40	3
X25	4	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	9	36	3
X26	4	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3

X27	4	1	1	1	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3	
X28	1	1	1	0	0	1	1	0	1	0	0	0	1	0	1	1	1	1	0	1	1	0	1	0	1	1	15	60	2
X29	4	0	1	0	1	1	1	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3	
X30	4	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	1	7	28	3	
X31	4	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3	
X32	4	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	1	1	12	48	3
X33	2	1	1	0	0	1	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	1	1	11	44	3
X34	4	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	11	44	3	
X35	2	1	0	0	0	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	1	0	10	40	3
X36	4	1	1	1	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	0	1	1	12	48	3	
X37	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	8	32	3	
X38	4	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	1	1	8	32	3	
X39	4	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	1	1	1	0	0	0	1	1	12	48	3
X40	4	1	1	0	0	1	1	0	1	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	12	48	3	
X41	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	7	28	3	
X42	4	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	1	9	36	3	
X43	4	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	9	36	3	
X44	4	1	1	1	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	1	1	12	48	3	
X45	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	0	1	1	11	44	3	
X46	4	0	1	1	0	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	1	0	16	64	2	
X47	4	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	1	0	0	0	0	1	1	10	40	3
X48	4	1	1	0	0	1	1	0	1	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	11	44	3	
X49	2	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	8	32	3	
X50	4	0	1	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3	
X51	1	1	0	1	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3	
X52	4	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	9	36	3	
X53	4	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1	0	1	0	1	1	12	48	3
X54	4	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	0	1	1	0	0	0	1	1	9	36	3
X55	2	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	1	1	11	44	3

X56	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	12	48	3
X57	4	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X58	4	1	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X59	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X60	4	1	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X61	2	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X62	4	1	0	0	1	1	1	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	1	15	60	2
X63	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	1	8	32	3
X64	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X65	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	1	0	10	40	3
X66	4	1	1	0	0	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X67	4	1	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	1	0	1	1	12	48	3
X68	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	1	1	1	11	44	3
X69	4	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	10	40	3
X70	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	0	9	36	3
X71	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	0	0	1	1	10	40	3
X72	4	1	1	0	0	1	0	1	1	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	11	44	3
X73	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X74	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	1	9	36	3
X75	4	1	1	0	1	1	1	0	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	12	48	3
X76	2	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	1	1	1	0	0	0	1	1	10	40	3
X77	4	1	1	1	0	1	0	1	0	1	0	0	0	0	1	1	1	1	0	1	1	1	0	0	1	1	15	60	2
X78	4	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	1	0	12	48	3
X79	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	9	36	3
X80	4	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	8	32	3
X81	4	1	1	0	0	1	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	1	12	48	3
X82	4	1	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	1	1	11	44	3
X83	1	0	1	0	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	11	44	3
X84	4	0	0	1	0	1	1	1	0	1	0	1	1	0	1	0	1	1	0	1	1	0	1	0	1	1	15	60	2
X85	4	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	1	1	11	44	3

X86	4	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	0	7	28	3
X87	2	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	10	40	3
X88	4	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	1	9	36	3



Lampiran 9 : Hasil Data Penelitian Post Test

POST TEST

nama	JK	usia	TP	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	total	%	katg
X1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	22	88	1
X2	2	3	2	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	20	80	1
X3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	23	84	1
X4	1	2	2	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	0	1	1	1	1	19	76	1
X5	2	2	3	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	20	80	1
X6	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	22	88	1
X7	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	1	0	1	1	19	76	1
X8	2	3	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	22	88	1
X9	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	0	1	0	1	0	0	1	17	68	2
X10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X11	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	0	1	1	21	84	1
X12	1	3	3	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	0	1	1	19	72	2
X13	2	3	2	1	1	1	1	1	1	0	1	1	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	20	80	1
X14	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	0	1	0	1	1	20	80	1
X15	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X16	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X18	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	1	0	1	1	20	76	1
X19	2	3	3	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X20	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	0	1	1	20	80	1
X21	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	0	1	0	1	1	20	80	1
X22	1	3	2	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1	1	1	0	1	0	1	1	18	72	2
X23	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	21	84	1
X24	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	0	1	0	1	1	20	76	1
X25	1	3	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	20	80	1
X26	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1

X27	2	3	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X28	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X29	1	2	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	20	80	1
X30	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	0	1	0	1	1	19	76	1
X31	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X32	1	2	3	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X33	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	1	1	21	84	1
X34	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	1	0	1	1	20	80	1
X35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	22	88	1
X36	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	22	88	1
X37	1	3	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	0	1	1	1	0	1	1	20	80	1
X38	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	0	1	0	1	1	20	80	1
X39	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	23	92	1
X40	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X41	1	1	2	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	20	80	1
X42	1	3	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	1	0	1	1	19	76	1
X43	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X44	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	22	84	1
X45	1	3	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	22	88	1
X46	1	3	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	0	0	1	1	0	1	1	18	72	2
X47	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	0	1	1	21	84	1
X48	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	0	1	1	20	80	1
X49	1	3	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	1	0	1	1	19	76	1
X50	1	3	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	20	80	1
X51	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X52	1	3	2	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	0	1	0	0	1	1	0	0	1	16	64	2
X53	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	23	88	1
X54	1	3	3	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	1	20	80	1
X55	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	22	88	1

X56	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	22	88	1	
X57	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	21	84	1	
X58	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X59	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X60	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	21	84	1
X61	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	22	88	1
X62	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	23	92	1
X63	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	0	0	1	1	18	72	2
X64	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X65	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	1	1	21	84	1
X66	1	2	3	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X67	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	1	1	20	76	1
X68	1	2	2	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	19	76	1
X69	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	19	76	1
X70	2	3	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X71	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	0	0	1	1	20	80	1
X72	1	3	3	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	19	72	1
X73	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	0	1	1	21	84	1
X74	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	19	76	1
X75	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X76	1	2	2	1	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	20	80	1
X77	1	1	3	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X78	2	2	1	1	1	1	1	1	1	0	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	1	0	1	17	68	2
X79	1	3	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X80	2	2	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	0	1	18	72	2
X81	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	0	1	1	21	80	1
X82	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X83	2	3	2	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	19	76	1
X84	1	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1
X85	1	3	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	1	1	20	80	1

X86	2	2	2	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	18	72	2
X87	1	3	2	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	0	1	1	0	0	1	1	19	76	1
X88	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	1	1	20	80	1



Lampiran 10 : Contoh Kuesioner Yang Sudah Dikerjakan Oleh Responden

4.1	do you think sudden trouble walking, dizziness, loss balance or coordination are stroke symptoms?	☒	☐	☐
4.2	do you think sudden severe headache with no known cause is a stroke symptom?	☒	☐	☐
4.3	do you think high temperature is stroke symptom?	☒	☐	☐

5. How do you identify the risk factors of stroke (please answer 'yes' or 'no', if you are unsure, answer 'I don't know') (with check)

No	QUESTION	YES	No	I don't know
1.1	Smoking	☒	☐	☐
1.2	Drink	☒	☐	☐
1.3	Lack of exercise	☒	☐	☐
1.4	High blood pressure	☒	☒	☐
1.5	Heart disease	☒	☐	☐
1.6	Family history	☒	☐	☐
1.7	High level of cholesterol	☒	☐	☐
1.8	Obesity or overweight	☒	☐	☐
1.9	diabetes	☒	☒	☐
1.10	Unhealthy diet	☒	☐	☐
1.11	Stress	☒	☐	☐
1.12	Alcohol	☒	☐	☐
1.13	Atrial fibrillation	☒	☒	☐

6. Do you think stroke requires a prompt treatment?

☒ yes

☐ no

7. If someone shows sign and symptom stroke, what do you think you should do first? (choose just one)

- a. Give them aspirin
b. Contact her/his family
c. Take them to hospital
d. Call ambulance
e. Call health care provider

SOAL SELIDIK UNTUK PENGESANAN AWAL TANDA-TANDA DAN GEJALA STROK DENGAN KAEDAH CEPAT (MUKA, LENGAN, PERTUTURAN DAN MASA)

TARIKH : 28 Feb 2017

KOD RESPONDEN :

Isikan data mengikut item yang diminta di bawah

A. Data umum

Nama insidat : P. B. H. M.

Jantina : Perempuan

Umur : 41

Keluarga/pesakit : suami

Pekerjaan : guru

Pendidikan : Diploma

Pengalaman stroke/kadaluhan stroke FAST

1. Adakah anda tahu mengenai kaedah stroke FAST dari

a. Media KKM

b. Tv/radio

c. Internet

d. Tidak pernah tahu mengenainya

2. Pernahkah anda mendengar tentang tempoh stroke

a. ya

b. tidak

3. Adakah anda mengenali orang yang mengalami stroke

a. ya

b. tidak

4. Bagaimanakah anda mengenal pasti tanda-tanda amaran dan gejala stroke (sila jawab 'ya' atau 'tidak', jika anda tidak pasti, jawab 'Saya tidak tahu')

No	pertanyaan	ya	tidak	Tidak tahu
4.a	Anda fikir kekejutan secara tiba-tiba, terutama kekejap atau memandu, mungkin adalah stroke?	☒	☒	☐
4.b	Anda fikir pendengaran hilang secara tiba-tiba adalah gejala stroke?	☒	☐	☐
4.c	Anda fikir kebas secara tiba-tiba atau kelutuhan (muka, tangan atau kaki) adalah gejala stroke?	☒	☐	☐
4.d	Anda fikir masalah bicara meluher di dalam satu atau kedua-dua mata adalah gejala stroke?	☒	☐	☐
4.e	Anda fikir masalah secara tiba-tiba adalah gejala	☒	☐	☐

QUESTIONNAIRE FOR EARLY DETECTION OF STROKE SIGNS AND SYMPTOMS WITH FAST (FACE, ARM, SPEECH AND TIME) METHOD

DATE : 2 March 2017

RESPONDENT CODE :

Fill in the data according to the items requested below

A. General data

Name initials : —

Gender : —

Age : —

Family/status : —

work : —

Education : —

Knowledge of the FAST stroke method

1. Did you know about FAST stroke method from

a. MOH event

b. TV/newspaper

c. Internet

d. Never know about it

2. Have you ever heard about term of stroke

a. yes

b. no

3. Do you know anyone who had stroke

a. yes

b. no

4. How do you identify the warning signs and symptoms stroke (please answer 'yes' or 'no', if you are unsure, answer 'I don't know') with checklist

No	QUESTION	YES	No	I don't know
4.a	Do you think sudden confusion, trouble speaking or understanding speech is a stroke?	☒	☐	☐
4.b	Do you think sudden nose bleeding is a stroke symptoms?	☒	☐	☐
4.c	Do you think sudden numbness or weakness of face, arm or leg is a symptom of stroke?	☒	☐	☐
4.d	Do you think sudden trouble seeing in one or both eyes is a stroke symptom?	☒	☐	☐
4.e	Do you think sudden vomiting is a stroke	☒	☐	☐

Lampiran 11 : Hasil Uji Statistik

Jenis Kelamin * kategori tingkat pengetahuan Crosstabulation

			kategori tingkat pengetahuan		Total
			baik	cukup	
Jenis Kelamin	laki - laki	Count	46	5	51
		% within Jenis Kelamin	90.2%	9.8%	100.0%
	perempuan	Count	33	4	37
		% within Jenis Kelamin	89.2%	10.8%	100.0%
Total	Count		79	9	88
	% within Jenis Kelamin		89.8%	10.2%	100.0%

Jenis Kelamin * kategori tingkat pengetahuan Crosstabulation

			kategori tingkat pengetahuan		Total
			baik	cukup	
Jenis Kelamin	laki - laki	Count	46	5	51
		% within Jenis Kelamin	90.2%	9.8%	100.0%
	perempuan	Count	33	4	37
		% within Jenis Kelamin	89.2%	10.8%	100.0%
Total	Count		79	9	88
	% within Jenis Kelamin		89.8%	10.2%	100.0%

pendidikan * kategori tingkat pengetahuan Crosstabulation

			kategori tingkat pengetahuan		Total
			cukup	kurang	
pendidikan	perguruan tinggi	Count	1	36	37
		% within pendidikan	2.7%	97.3%	100.0%
	SMA,Olevel,Alevel	Count	2	40	42
		% within pendidikan	4.8%	95.2%	100.0%
	SD	Count	2	7	9
		% within pendidikan	22.2%	77.8%	100.0%
Total	Count	5	83	88	
	% within pendidikan	5.7%	94.3%	100.0%	

pendidikan * kategori tingkat pengetahuan Crosstabulation

			kategori tingkat pengetahuan		Total
			baik	cukup	
pendidikan	perguruan tinggi	Count	35	2	37
		% within pendidikan	94.6%	5.4%	100.0%
	SMA,Olevel,Alevel	Count	37	5	42
		% within pendidikan	88.1%	11.9%	100.0%
	SD	Count	7	2	9
		% within pendidikan	77.8%	22.2%	100.0%
	Total	Count	79	9	88
		% within pendidikan	89.8%	10.2%	100.0%

Ranks

		N	Mean Rank	Sum of Ranks
post test - pre test	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	88 ^b	44.50	3916.00
	Ties	0 ^c		
	Total	88		

a. post test < pre test

b. post test > pre test

c. post test = pre test

Test Statistics^a

	posttest- pre test
Z	-8.203 ^b
Asymp. Sig. (2-tailed)	<.001

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.



Lampiran 12: Dokumentasi





