

ATTACHMENT

Attachment 1 Application to Become a Respondent

APPLICATION TO BECOME A RESPONDENT

To: Mr/Mrs

In Ngudi Waluyo Regional General Hospital

Blitar

With faithfully

I, the undersigned, am a student of the Applied Nursing Undergraduate Study Program, Nursing Department, Poltekkes Kemenkes Malang

Name: Tiami Feby Ayuningtyas

Student ID: P17211217144

Will conduct research with the title “Analysis of Factors Affecting Pain Based on the Critical Care Pain Observation Tool in Patients on Mechanical Ventilation at Ngudi Waluyo Wlingi Regional General Hospital”.

Therefore, I would like to request your consent, as the patient's family, to allow me to observe the family members being treated for this research. All information will be kept confidential and used solely for research purposes. If you do not consent, there is no threat to you.

That is my request, for your willingness as a respondent I would like to thank you.

Blitar, Juni 2025

Peneliti

Tiami Feby Ayuningtyas

Attachment 2 Informed Consent

RESPONDENT APPROVAL (INFORMED CONSENT)

I, the undersigned below:

Name :

Date of birth :

Address :

No phone :

I hereby agree to allow my family to be observed for data collection in the research conducted by Tiarni Feby Ayuningtyas as a Bachelor of Applied Nursing student at the Ministry of Health Polytechnic of Malang with the title "Analysis of Factors Affecting Pain Based on the Critical Care Pain Observation Tool in Patients on Mechanical Ventilation at Ngudi Waluyo Wlingi Regional General Hospital" voluntarily and without coercion from anyone.

This research will not harm me or have any bad consequences for me and my family, so I am willing to be a respondent.

Thus, I have made this letter of approval to be used as it should.

Blitar,2025

Researchers

Respondents

(TIAMI FEBY AYUNINGTYAS) (.....)

Attachment 3 Observation Sheet

OBSERVATION SHEET**A. Respondent Characteristics**

1. Name (Initials):
2. Gender: M/F *cross the unnecessary ones
3. Age:

B. Disease Complications

How many complications does the patient suffer from?	
--	--

C. Surgical History

Has the patient recently undergone a surgical procedure or is post-op?	
--	--

D. Duration of ETT (Endotracheal Tube) Use

	1 day	2 days	More than 2 days
How long to use ETT			

Attachment 4 Level of Consciousness GCS (Glase Scale Comma)

GCS (Glass Scale Comma) Level of Consciousness

GCS components and responses	Score
Eye	
Spontaneous	4
By order	3
With pain	2
No response	1
Verbal	
Good orientation	5
Confused	4
Messy words	3
Making a sound without meaning	2
There isn't any	1
Motoric	
Obey orders	6
Localizing pain	5
Normal flexion avoids pain	4
Abnormal flexion	3
Extension	2
No response	1
Amount	
Level of Consciousness	Compos Mentis (15-14) Apathy (13-12) Delirium (11-10) Somnolence (9-7) Stupor (6-5)
Description: Circle the results	

Attachment 5 Assessment CPOT (Critical Care Pain Observation Tools)

Assessment CPOT (Critical Care Pain Observation Tools)

Indicator	Description	Score	
Facial expressions	No muscle tension was observed	Relaxed, neutral	0
	There are wrinkles on the face, drooping eyebrows, tense eyeball muscles and contraction of the elevator muscles.	Tense	1
	All of the above plus tightly closed eyelids	Grimace	2
Body movements	Not moving at all	Not moving	0
	Move slowly, touch or rub the painful area, seek attention through movement	Protection	1
	Pulling ETT, trying to sit up, moving limbs, not following orders, fighting against staff, trying to get out of the patient's bed	Restless/Anxious	2
Ventilator compatibility (intubated patients)	The alarm does not sound, ventilation can be done easily	Can tolerate ventilator	0
	Alarm stops spontaneously	Coughing, but can tolerate ventilator	1
	Out of sync, ventilation blocked	Fighting the ventilator	2
Muscle tension	No resistance to passive movement, relaxed	Relax	0
	There is resistance to passive movement. Tense and stiff.	Tense and stiff	1
	There is very strong resistance to passive movement, unable to complete the movement, very tense/stiff	Very tense and stiff	2
Total Score			
Pain Category		No Pain (0) Mild Pain (1-2) Moderate Pain (3-4) Severe pain (5-6) Very severe pain (7-8)	
Description: Circle the results			













Attachment 6 Guidance Sheet









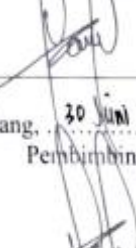
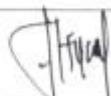


LEMBAR BIMBINGAN SKRIPSI
PRODI SARJANA TERAPAN KEPERAWATAN MALANG
JURUSAN KEPERAWATAN POLTEKKES KEMENKES MALANG

Nama Mahasiswa : **TIAMI FEBY AYUNINGTYAS**
 NIM : **P17211217144**
 Nama Pembimbing : **Taufan Arif, S.Kep., Ns.,M.Kep**
 Judul Skripsi : **"Analisa Faktor Yang Mempengaruhi Nyeri Pada Pasien Yang Terpasang Ventilator Berdasarkan *Critical Care Pain Observation Tool* Di RSUD Ngudi Waluyo Wlingi"**

NO	TANGGAL	REKOMENDASI PEMBIMBING	TANDA TANGAN	
			PEMBIMBING	MAHASISWA
1.	3 Januari 2025	Konsultasi judul, "Analisa Faktor Yang Mempengaruhi Nyeri berdasarkan <i>Critical Care Pain Observation Tool</i> Pada Pasien Yang Terpasang Ventilator" diubah menjadi "Analisa Faktor Yang Mempengaruhi Nyeri Pada Pasien Yang Terpasang Ventilator Berdasarkan <i>Critical Care Pain Observation Tool</i> Di Rsup I.G.N.G Ngoerah Bali"		
2.	6 Januari 2022	Bimbingan Bab I 1. Lebih tonjolkan lagi Problem Statement 2. Pada awal paragraf gunakan definisi ventilator 3. Perhatikan lagi struktur MSKS 4. Pada manfaat praktis urutkan daripihak rumah sakit, institusi terakhir peneliti selanjutnya		
3.	10 Januari 2025	Bimbingan BAB I 1. Bagian masalah bisa dikurangi 2. Bagian solusi perlu ditambahkan lagi 3. Rapikan lagi sitasi		

NO	TANGGAL	REKOMENDASI PEMBIMBING	TANDA TANGAN	
			PEMBIMBING	MAHASISWA
4.	10 Januari 2025	Bimbingan BAB II 1. Tambahkan dampak atau respon pemakaian ventilator 2. Tambah kriteria penilaian <i>Critical Care Pain Observation Tool (CPOT)</i> 3. Tambahkan judul tabel dan gambar 4. Konsep penelitian harus mencakup <i>input, output, toughput</i> 5. Rapikan numbering 6. Hipotesis yang digunakan hipotesis satu atau hipotesis nol, tuliskan		
5.	14 Januari 2025	Bimbingan BAB III 1. Pada tabel, <i>font</i> boleh diperkecil, dan <i>space</i> antar paragraph 1,0 2. Etika penelitian ditambahkan prinsip-prinsip lainnya 3. Tambahkan deskripsi pada penentuan faktor dominan		
6.	17 Januari 2025	Bimbingan BAB III 1. Definisi pada tabel definisi operasional harus sesuai dengan operasional judul 2. Populasi yang digunakan harus dijelaskan secara rinci berapa bulan yang digunakan 3. Pada analisa bivariat rincikan lagi variable independent yang digunakan		
7.	17 Januari 2025	1. Tambahkan lembar observasi yang digunakan, 2. Lengkapi lampiran mengenai informed consent, surat persetujuan 3. Instrumen yang digunakan lebih spesifik lagi nilai yang digunakan		
8.	20 Januari 2025	1. ACC Proposal 2. Rencanakan jadwal uji proposal		
9.	20 Juni 2025	Bimbingan BAB IV 1. Konsultasi hasil olah data SPSS 2. Penulisan frekuensi hasil disesuaikan dengan intrepretasi di bab III 3. Pada tabel crosstab opsi jawaban dengan frekuensi 0 dihapuskan saja dari table crosstab		

NO	TANGGAL	REKOMENDASI PEMBIMBING	TANDA TANGAN	
			PEMBIMBING	MAHASISWA
10.	23 Juni 2025	Bimbingan BAB IV 1. Pada tabel crosstab presentase frekuensi ke kanan harus 100% 2. Pembahasan berdasarkan fakta, teori, dan opini 3. Pembahasan harus menjawab tujuan khusus 4. Pembahasan harus sesuai dengan hasil penelitian		
11.	24 Juni 2025	Bimbingan BAB IV 1. Pertajam dan kembangkan opini penulis 2. Pada bagian keterbatasan penelitian, ambil berdasarkan fakta yang lebih spesifik di lapangan		
12.	25 Juni 2025	Bimbingan BAB V 1. Jumlah Kesimpulan harus sama dengan jumlah tujuan khusus 2. Kesimpulan harus menjawab tujuan khusus 3. Tambahkan arah koefisien korelasi 4. Hapuskan bagian p value 0.05		
13.	26 Juni 2025	Bimbingan Abstrak 1. Sesuaikan dengan format penulisan kampus 2. Tidak boleh lebih dari 200 kata 3. Kesimpulan harus menjawab tujuan penelitian 4. Margins keseluruhan harus sesuai panduan		
14.	30 Juni 2025	1. Skripsi ACC 2. Rencanakan jadwal ujian seminar hasil		

Mengetahui,
Ketua Program Studi
Sarjana Terapan Keperawatan Malang



Dr. Arief Bachtiar, S.Kep., Ns., M.Kep.
NIP. 197407281998031002

Malang, 30 Juni 2025
Pembimbing

(Taufan Arif, S.Kep., Ns., M.Kep)
NIP. 199006072022031001

Attachment 14 Data Collection Permit Letter



Kementerian Kesehatan
Direktorat Jenderal
Sumber Daya Manusia Kesehatan
 Politeknik Kesehatan Malang
 Jalan Besar Jlen 77C
 Malang, Jawa Timur 65112
 (0341) 566075
<https://poltekkes-malang.ac.id>

Nomor : PP.06.02/F.XIII/2860/2025 3 Juni 2025
 Hal : Permohonan Ijin Pengambilan Data untuk Penyusunan Skripsi Mahasiswa
 Jurusan Keperawatan Poltekkes Kemenkes Malang

Kepada Yth:
 Direktur RSUD Ngudi Waluyo Wlingi
 Jl. Dokter Sucipto No.5, Beru, Kec. Wlingi
 di –

Tempat

Bersama ini kami mohon bantuan demi terlaksananya kegiatan Pengambilan Data untuk bahan penyusunan Skripsi bagi Mahasiswa Jurusan Keperawatan Poltekkes Kemenkes Malang di wilayah kerja Direktur RSUD Ngudi Waluyo Wlingi. Pengambilan data yang dimaksud akan dilaksanakan mulai tanggal 09 - 21 Juni 2025.

Adapun mahasiswa yang akan melaksanakan Pengambilan Data adalah:

Nama : Tiami Feby Ayuningtyas
 NIM/Semester : P17211217144 / VIII
 Asal Program Studi : Sarjana Terapan Keperawatan Malang
 Judul Skripsi : Analisa Faktor yang Mempengaruhi Nyeri pada Pasien yang Terpasang Ventilator Berdasarkan Critical Care Pain Observation Tool di RSUD Ngudi Waluyo Blitar
 No. HP : 0815545522751

Demikian atas perhatian dan kerjasamanya disampaikan terima kasih.

a.n. Direktur
 Ketua Jurusan Keperawatan Poltekkes Kemenkes
 malang,



Dr. Erlina Suci Astuti, S.Kep, Ns, M.Kep
 NIP. 197608102002122001

Kementerian Kesehatan tidak menerima suap dan/atau gratifikasi dalam bentuk apapun. Jika terdapat potensi suap atau gratifikasi silahkan laporkan melalui HALO KEMENKES 1500567 dan <https://wbs.kemkes.go.id>. Untuk verifikasi keaslian tanda tangan elektronik, silahkan unggah dokumen pada laman <https://tte.kominfo.go.id/verifyPDF>.



Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh Balai Besar Sertifikasi Elektronik (BSrE), Badan Siber dan Sandi Negara

Attachment 18 Ethical Letter

	<p>PEMERINTAH KABUPATEN BLITAR RUMAH SAKIT UMUM DAERAH "NGUDI WALUYO" WLINGI Jalan Dokter Sucipto Nomor 5 Beru Wlingi Blitar, Telepon (0342) 691006, Laman rsudngudiwaluyo.blitarkab.go.id Pos-el : rsudngudiwaluyo@blitarkab.go.id</p>	
<p>KOMITE ETIK PENELITIAN KESEHATAN HEALTH RESEARCH ETHICS COMMITTEE RUMAH SAKIT UMUM DAERAH "NGUDI WALUYO" WLINGI "NGUDI WALUYO" WLINGI REGIONAL GENERAL HOSPITAL KETERANGAN LAYAK KAJI ETIK "ETHICAL APPROVAL" No : B/070/2275/409.52.4/2025</p>		
<p>Protokol penelitian yang diusulkan oleh: <i>The research protocol proposed by</i></p>		
<p>Peneliti utama <i>Principal in Investigator</i></p>	<p>: <i>Tiami Feby Ayuningtyas</i></p>	
<p>Nama Institusi <i>Name of the Institution</i></p>	<p>: <i>Poltekkes Kemenkes Malang</i> <i>Poltekkes of Kemenkes Malang</i></p>	
<p>Dengan judul <i>Title</i></p>	<p>: <i>Analisa Faktor Yang Mempengaruhi Nyeri Pada Pasien yang Terpasang Ventilator Berdasarkan Critical Care Pain Observation Tool di RSUD "Ngudi Waluyo" Wlingi (Analysis of Factors Affecting Pain in Patients with Ventilators Based on the Critical Care Pain Observation Tool at "Ngudi Waluyo" Wlingi Regional Hospital)</i></p>	
<p>Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu 1)Nilai Sosial, 2)Nilai Ilmiah, 3)Pemerataan Beban dan Manfaat, 4)Risiko, 5)Rujukan/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</p> <p><i>Declared ethically appropriate according to 7 (seven) WHO 2011 Standards, namely 1) Social Value, 2) Scientific Value, 3) Equalization of Burden and Benefits, 4) Risk, 5) Referral/Exploitation, 6) Confidentiality and Privacy, and 7) Consent After explanation, which refers to the CIOMS 2016 Guidelines. This is as shown by the fulfillment of the indicators for each standard</i></p>		
<p>Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 10 Juni s.d. 10 Juli 2025</p> <p><i>This Statement of Ethics is valid for the period 10 June to 10 July 2025</i></p>		
<p>DIREKTUR DIRECTOR RSUD"NGUDI WALUYO" WLINGI</p>	<p style="text-align: center;">Wlingi, 10 Juni 2025</p> <p>KETUA KEPK CHIEF OF KEPK RSUD "NGUDI WALUYO" WLINGI</p>	
		
<p><u>dr. Endah Woro Utami, MMRS</u> Pembina Utama Muda/IVc NIP. 197202022002122004</p>	<p><u>dr. HESTI PURWANTI, SpPD</u> Penata /Ilic NIP. 198003172009012005</p>	

Attachment 19 Research Permit Reply Letter



PEMERINTAH KABUPATEN BLITAR
RUMAH SAKIT UMUM DAERAH
"NGUDI WALUYO" WLINGI
 Jalan Dokter Sucipto Nomor 5 Beru Wlingi Blitar,
 Telepon (0342) 691006, Laman rsudngudiwaluyo.blitarkab.go.id
 Pos-el : rsungudiwaluyo@blitarkab.go.id



Wlingi, 10 Juni 2025

No : 43 /SP/DIKLAT/X/2024
 Lampiran : -
 Perihal : Surat Penghadapan peserta
 penelitian

Kepada

Yth. Kepala Ruang Puntadewa

Di

RSUD "Ngudi Waluyo" Wlingi

Bersama ini menghadapkan Poltekkes Kemenkes Malang untuk melaksanakan penelitian di Ruang Puntadewa RSUD "Ngudi Waluyo" Wlingi mulai tanggal 10 Juni s.d. 10 Juli 2025. Untuk itu mohon bimbingan/arahan agar tercapainya tujuan yang diinginkan. Adapun nama Peneliti tersebut adalah sbb :

No	NAMA	NIP	JUDUL
1.	Tiami Feby Ayuningtyas	P17211217144	Analisa Faktor Yang Mempengaruhi Nyeri Pada Pasien yang Terpasang Ventilator Berdasarkan Critical Care Pain Observation Tool di RSUD "Ngudi Waluyo" Wlingi

Sebagai Pendamping CI unt

uk peneliti tersebut diatas adalah sbb :

No	NAMA CI	NIP	JABATAN
1	Ns.Lean Widya Suryanto,S.Kep	197707311997031004	Ka.Ruang Puntadewa

Demikian atas bantuan dan kerjasamanya sekaligus mohon ditempatkan di ruang praktek dimaksud.

Kepala Ruang Puntadewa Diklitbang
 RSUD "Ngudi Waluyo" Wlingi



TA'ADIL SKM MKes
 NIP. 196007281993031005

KETERANGAN :

Pembayaran tersebut mohon ditransfer ke rekening :
 No.Rekening : 0461006033 (untuk pembayaran diluar RS /transfer)

Attachment 20 Letter of Completion of Research



PEMERINTAH KABUPATEN BLITAR
RUMAH SAKIT UMUM DAERAH
"NGUDI WALUYO" WLINGI

Jalan Dokter Sucipto Nomor 5 Beru Wlingi Blitar,
 Telepon (0342) 891008, Laman rsudngudiwaluyo.blitarkab.go.id
 Pos-el : rsungudiwaluyo@blitarkab.go.id

**SURAT KETERANGAN**

Nomor : B/070/2365/409.52.4/2025

Yang bertanda tangan dibawah ini :

Direktur Rumah Sakit Umum Daerah "Ngudi Waluyo" Wlingi.

Dengan ini menerangkan bahwa :

NAMA : Tiami Feby Ayuningtyas
 NIM : P17211217144
 JUDUL : Analisa Faktor Yang Mempengaruhi Nyeri Pada Pasien yang Terpasang Ventilator Berdasarkan Critical Care Pain Observation Tool di RSUD "Ngudi Waluyo" Wlingi
 INSTITUSI : Poltekkes Kemenkes Malang

Telah melaksanakan penelitian di Rumah Sakit Umum Daerah "Ngudi Waluyo" Wlingi pada tanggal **10 Juni s.d. 10 Juli 2025** di Ruang Puntadewa. Selama melaksanakan penelitian di RSUD "Ngudi Waluyo" Wlingi yang bersangkutan memiliki prestasi baik.

Demikian surat keterangan ini diberikan untuk dapat dipergunakan sebagaimana mestinya.

Wlingi 31 Juni 2025
 A.n Direktur
 RSUD "Ngudi Waluyo" Wlingi
 Plt.Wakil Direktur Umum dan Keuangan



dr. TRI WAHYUNING RAHMAWATI, MMRS
 Pembina/IVa
 NIP. 197707062006042038

Attachment 21 Data Tabulation

No Respondents	Age	Gender	Number of Diseases	Post-Operation	GCS	ETT	CPOT
1	3	1	3	0	1	3	2
2	2	1	2	1	2	3	2
3	1	2	3	0	2	2	2
4	3	1	2	1	2	3	2
5	3	2	3	1	2	3	2
6	2	1	1	0	1	3	1
7	2	1	3	0	1	1	1
8	3	2	1	1	2	3	2
9	3	1	2	0	1	3	1
10	3	2	3	1	3	2	2
11	3	1	2	0	2	2	1
12	2	2	2	1	1	1	1
13	3	1	2	0	1	3	1
14	3	2	2	1	2	3	2
15	2	2	2	1	1	2	1
16	2	1	2	1	2	1	1
17	1	1	1	0	1	3	1
18	3	2	3	1	2	3	3
19	2	1	3	0	2	2	1
20	1	1	2	1	1	2	2
21	3	1	2	1	2	2	2
22	3	1	2	1	2	1	2
23	2	2	3	1	2	3	2
24	3	2	3	1	2	3	3
25	2	1	1	0	1	2	1
26	3	2	3	1	3	3	3
27	2	2	2	1	2	3	2
28	3	2	2	1	2	3	2

Information :

- a. Age
 - 1 : 18-25 years
 - 2 : 26-54 years
 - 3 : 55-74 years
- b. Gender
 - 1 : Male
 - 2 : Women
- c. Disease
 - 1 : 1 type of disease

- 2 : 2 types of disease
 3 : more than 2 diseases

d. *PostOperation*

- 0 : No
 1 : Yes

e. Level of Consciousness

- 1 : Support (5-6)
 2 : Somnolence (7-9)
 3 : Derilium (10-11)
 4 : Apathy (12-13)
 5 : Compost Mentis (14-15)

f. Duration of use of the endotracheal tube

- 1 : 1 day
 2 : 2 days
 3 : more than 2 days

g. Painful

- 0 : No pain (0)
 1 : Mild pain (1-2)
 2 : Moderate pain (3-4)
 3 : Severe pain (5-6)
 4 : Very severe pain (7-8)

No Respondents	Facial expressions	Body Movement	Venti Compatibility	Muscle Tension	SCORE CPOT
1	2	1	0	1	4
2	1	1	1	1	4
3	1	1	0	1	3
4	1	2	0	1	4
5	1	0	0	2	3
6	1	0	1	0	2
7	1	0	0	1	2
8	2	0	0	1	3
9	0	1	0	1	2
10	1	0	1	1	3
11	0	0	1	0	1
12	1	0	0	0	1
13	0	0	1	0	1
14	1	2	0	1	4
15	0	0	1	1	2
16	1	1	0	0	2
17	0	0	0	1	1
18	1	2	1	1	5
19	0	0	1	1	2
20	2	1	0	1	4

No Respondents	Facial expressions	Body Movement	Venti Compatibility	Muscle Tension	SCORE CPOT
21	1	1	0	1	3
22	1	1	0	1	3
23	1	1	0	2	4
24	2	1	0	2	5
25	1	0	0	1	2
26	1	2	1	2	6
27	2	0	1	1	4
28	0	0	1	2	3

Score Description:

- a. Facial expressions
 - 0: relaxed, neutral
 - 1: tense
 - 2: grimace
- b. Body Movement
 - 0: not moving
 - 1: protection
 - 2: restless/anxious
- c. Ventilator Compatibility
 - 0: can tolerate ventilator
 - 1: cough, but can tolerate ventilation
 - 2: against the ventilator
- d. Muscle Tension
 - 0: relax
 - 1: tense and stiff
 - 2: very tense and stiff

Attachment 22 Frequency Distribution

Statistics

		Usia	Jenis Kelamin	Penyakit	Pembedahan	GCS	ETT
N	Valid	28	28	28	28	28	28
	Missing	0	0	0	0	0	0

Statistics

		CPOT
N	Valid	28
	Missing	0

Frequency Table**Usia**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18-25 tahun	3	10.7	10.7	10.7
	26-54 tahun	6	21.4	21.4	32.1
	55-75 tahun	19	67.9	67.9	100.0
Total		28	100.0	100.0	

Jenis Kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	14	50.0	50.0	50.0
	Perempuan	14	50.0	50.0	100.0
Total		28	100.0	100.0	

Penyakit

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 jenis penyakit	6	21.4	21.4	21.4
	2 jenis penyakit	15	53.6	53.6	75.0
	lebih dari 2 jenis penyakit	7	25.0	25.0	100.0
Total		28	100.0	100.0	

Pembedahan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Ya	9	32.1	32.1	32.1
	Tidak	19	67.9	67.9	100.0
	Total	28	100.0	100.0	

GCS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Somnolen	12	42.9	42.9	42.9
	Soppor	16	57.1	57.1	100.0
	Total	28	100.0	100.0	

ETT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 hari	6	21.4	21.4	21.4
	2 hari	14	50.0	50.0	71.4
	lebih dari 2 hari	8	28.6	28.6	100.0
	Total	28	100.0	100.0	

CPOT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak Nyeri	3	10.7	10.7	10.7
	Nyeri Ringan	17	60.7	60.7	71.4
	Nyeri Sedang	7	25.0	25.0	96.4
	Nyeri Berat	1	3.6	3.6	100.0
	Total	28	100.0	100.0	

Attachment 23 Spearman Rank Test

Correlations

			CPOT
Spearman's rho	Usia	Correlation Coefficient	.409*
		Sig. (2-tailed)	.031
		N	28
	Jenis Kelamin	Correlation Coefficient	.516**
		Sig. (2-tailed)	.005
		N	28
	Penyakit	Correlation Coefficient	.453*
		Sig. (2-tailed)	.015
		N	28
	Pembedahan	Correlation Coefficient	.614**
		Sig. (2-tailed)	.001
		N	28
	GCS	Correlation Coefficient	.642**
		Sig. (2-tailed)	.000
		N	28
	ETT	Correlation Coefficient	.412*
		Sig. (2-tailed)	.029
		N	28
	CPOT	Correlation Coefficient	1.000
		Sig. (2-tailed)	.
		N	28

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

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

Attachment 24 *Crosstabulation***Usia * CPOT Crosstabulation**

		CPOT			Total	
		Nyeri Ringan	Nyeri Sedang	Nyeri Berat		
Usia	18-25 tahun	Count	1	2	0	3
		Expected Count	1.2	1.5	.3	3.0
		% within Usia	33.3%	66.7%	0.0%	100.0%
		% within CPOT	9.1%	14.3%	0.0%	10.7%
		% of Total	3.6%	7.1%	0.0%	10.7%
26-54 tahun	Count	Count	7	3	0	10
		Expected Count	3.9	5.0	1.1	10.0
		% within Usia	70.0%	30.0%	0.0%	100.0%
		% within CPOT	63.6%	21.4%	0.0%	35.7%
		% of Total	25.0%	10.7%	0.0%	35.7%
55-74 tahun	Count	Count	3	9	3	15
		Expected Count	5.9	7.5	1.6	15.0

Usia * CPOT Crosstabulation

		CPOT			Total	
		Nyeri Ringan	Nyeri Sedang	Nyeri Berat		
	% within Usia	20.0%	60.0%	20.0%	100.0%	
	% within CPOT	27.3%	64.3%	100.0%	53.6%	
	% of Total	10.7%	32.1%	10.7%	53.6%	
Total	Count	Count	11	14	3	28
		Expected Count	11.0	14.0	3.0	28.0
	% within Usia	39.3%	50.0%	10.7%	100.0%	
	% within CPOT	100.0%	100.0%	100.0%	100.0%	
	% of Total	39.3%	50.0%	10.7%	100.0%	

Jenis Kelamin * CPOT Crosstabulation

			CPOT		
			Nyeri Ringan	Nyeri Sedang	Nyeri Berat
Jenis Kelamin	Laki-laki	Count	9	6	0
		Expected Count	5.9	7.5	1.6
		% within Jenis Kelamin	60.0%	40.0%	0.0%
		% within CPOT	81.8%	42.9%	0.0%
		% of Total	32.1%	21.4%	0.0%
	Perempuan	Count	2	8	3
		Expected Count	5.1	6.5	1.4
		% within Jenis Kelamin	15.4%	61.5%	23.1%
		% within CPOT	18.2%	57.1%	100.0%
		% of Total	7.1%	28.6%	10.7%
Total	Count	11	14	3	
	Expected Count	11.0	14.0	3.0	
	% within Jenis Kelamin	39.3%	50.0%	10.7%	
	% within CPOT	100.0%	100.0%	100.0%	
	% of Total	39.3%	50.0%	10.7%	

Jenis Kelamin * CPOT Crosstabulation

		Total	
Jenis Kelamin	Laki-laki	Count	15
		Expected Count	15.0
		% within Jenis Kelamin	100.0%
		% within CPOT	53.6%
		% of Total	53.6%
	Perempuan	Count	13
		Expected Count	13.0
		% within Jenis Kelamin	100.0%
		% within CPOT	46.4%
		% of Total	46.4%
Total	Count	28	
	Expected Count	28.0	
	% within Jenis Kelamin	100.0%	
	% within CPOT	100.0%	
	% of Total	100.0%	

Penyakit * CPOT Crosstabulation

		CPOT		
		Nyeri Ringan	Nyeri Sedang	
Penyakit	1 jenis penyakit	Count	3	1
		Expected Count	1.6	2.0
		% within Penyakit	75.0%	25.0%
		% within CPOT	27.3%	7.1%
		% of Total	10.7%	3.6%
	2 jenis penyakit	Count	6	8
		Expected Count	5.5	7.0
		% within Penyakit	42.9%	57.1%
		% within CPOT	54.5%	57.1%
		% of Total	21.4%	28.6%
	lebih dari 2 jenis penyakit	Count	2	5
		Expected Count	3.9	5.0

Penyakit * CPOT Crosstabulation

		CPOT		
		Nyeri Berat	Total	
Penyakit	1 jenis penyakit	Count	0	4
		Expected Count	.4	4.0
		% within Penyakit	0.0%	100.0%
		% within CPOT	0.0%	14.3%
		% of Total	0.0%	14.3%
	2 jenis penyakit	Count	0	14
		Expected Count	1.5	14.0
		% within Penyakit	0.0%	100.0%
		% within CPOT	0.0%	50.0%
		% of Total	0.0%	50.0%
	lebih dari 2 jenis penyakit	Count	3	10
		Expected Count	1.1	10.0

Penyakit * CPOT Crosstabulation

		CPOT	
		Nyeri Ringan	Nyeri Sedang
	% within Penyakit	20.0%	50.0%
	% within CPOT	18.2%	35.7%
	% of Total	7.1%	17.9%
Total	Count	11	14
	Expected Count	11.0	14.0
	% within Penyakit	39.3%	50.0%
	% within CPOT	100.0%	100.0%
	% of Total	39.3%	50.0%

Penyakit * CPOT Crosstabulation

		CPOT	
		Nyeri Berat	Total
	% within Penyakit	30.0%	100.0%
	% within CPOT	100.0%	35.7%
	% of Total	10.7%	35.7%
Total	Count	3	28
	Expected Count	3.0	28.0
	% within Penyakit	10.7%	100.0%
	% within CPOT	100.0%	100.0%
	% of Total	10.7%	100.0%

Pembedahan * CPOT Crosstabulation

		CPOT			
			Nyeri Ringan	Nyeri Sedang	Nyeri Berat
Pembedahan	Tidak	Count	8	2	0
		Expected Count	3.9	5.0	1.1
		% within Pembedahan	80.0%	20.0%	0.0%
		% within CPOT	72.7%	14.3%	0.0%
		% of Total	28.6%	7.1%	0.0%
	Ya	Count	3	12	3
		Expected Count	7.1	9.0	1.9
		% within Pembedahan	16.7%	66.7%	16.7%
		% within CPOT	27.3%	85.7%	100.0%
		% of Total	10.7%	42.9%	10.7%
Total	Count	11	14	3	
	Expected Count	11.0	14.0	3.0	
	% within Pembedahan	39.3%	50.0%	10.7%	
	% within CPOT	100.0%	100.0%	100.0%	
	% of Total	39.3%	50.0%	10.7%	

Pembedahan * CPOT Crosstabulation

		Total	
Pembedahan	Tidak	Count	10
		Expected Count	10.0
		% within Pembedahan	100.0%
		% within CPOT	35.7%
		% of Total	35.7%
	Ya	Count	18
		Expected Count	18.0
		% within Pembedahan	100.0%
		% within CPOT	64.3%
		% of Total	64.3%
Total	Count	28	
	Expected Count	28.0	
	% within Pembedahan	100.0%	
	% within CPOT	100.0%	
	% of Total	100.0%	

GCS * CPOT Crosstabulation

		CPOT			Total	
		Nyeri Ringan	Nyeri Sedang	Nyeri Berat		
GCS	Soppor	Count	8	2	0	10
		Expected Count	3.9	5.0	1.1	10.0
		% within GCS	80.0%	20.0%	0.0%	100.0%
		% within CPOT	72.7%	14.3%	0.0%	35.7%
		% of Total	28.6%	7.1%	0.0%	35.7%
	Somnolen	Count	3	11	2	16
		Expected Count	6.3	8.0	1.7	16.0
		% within GCS	18.8%	68.8%	12.5%	100.0%
		% within CPOT	27.3%	78.6%	66.7%	57.1%
		% of Total	10.7%	39.3%	7.1%	57.1%
	Delirium	Count	0	1	1	2
		Expected Count	.8	1.0	.2	2.0
		% within GCS	0.0%	50.0%	50.0%	100.0%
		% within CPOT	0.0%	7.1%	33.3%	7.1%
		% of Total	0.0%	3.6%	3.6%	7.1%
Total	Count	11	14	3	28	
	Expected Count	11.0	14.0	3.0	28.0	
	% within GCS	39.3%	50.0%	10.7%	100.0%	
	% within CPOT	100.0%	100.0%	100.0%	100.0%	
	% of Total	39.3%	50.0%	10.7%	100.0%	

ETT * CPOT Crosstabulation

		CPOT			Total	
		Nyeri Ringan	Nyeri Sedang	Nyeri Berat		
ETT	1 hari	Count	3	1	0	4
		Expected Count	1.6	2.0	.4	4.0
		% within ETT	75.0%	25.0%	0.0%	100.0%
		% within CPOT	27.3%	7.1%	0.0%	14.3%
		% of Total	10.7%	3.6%	0.0%	14.3%
	2 hari	Count	4	4	0	8
		Expected Count	3.1	4.0	.9	8.0
		% within ETT	50.0%	50.0%	0.0%	100.0%
		% within CPOT	36.4%	28.6%	0.0%	28.6%
		% of Total	14.3%	14.3%	0.0%	28.6%
	lebih dari 2 hari	Count	4	9	3	16
		Expected Count	6.3	8.0	1.7	16.0
		% within ETT	25.0%	56.3%	18.8%	100.0%
		% within CPOT	36.4%	64.3%	100.0%	57.1%
		% of Total	14.3%	32.1%	10.7%	57.1%
Total	Count	11	14	3	28	
	Expected Count	11.0	14.0	3.0	28.0	
	% within ETT	39.3%	50.0%	10.7%	100.0%	
	% within CPOT	100.0%	100.0%	100.0%	100.0%	
	% of Total	39.3%	50.0%	10.7%	100.0%	

Attachment 25 Research Documentation



Recording of respondents' medical records includes age, gender, post-operative history, length of ETT use, and disease



Pain measurement with the Critical Care Pain Observation Tool

Description: The image above is a sample of documentation when researchers collected pain data on patients on ventilators at Ngudi Waluyo Regional Hospital for the period 9-21 July 2025.

Attachment 30 Plagiarism Check

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