

### DAFTAR PUSTAKA

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## LAMPIRAN

### 1. Biodata Peneliti



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### 2. Riwayat Pendidikan

| Tingkat | Nama Institusi                                | Tahun           |
|---------|-----------------------------------------------|-----------------|
| SD      | SD Inpres Benteng 2                           | 2008 – 2015     |
| SMP     | SMP Negeri 1 Selayar                          | 2015 – 2018     |
| SMA     | SMA Negeri 1 Selayar                          | 2018 – 2021     |
| S1      | Fakultas Kedokteran<br>Universitas Hasanuddin | 2021 – sekarang |

Semua data yang saya isikan dan tercantum dalam biodata ini adalah benar dan dapat dipertanggungjawabkan secara hukum. Demikian biodata ini saya buat dengan sebenar-benarnya untuk dipergunakan sebagaimana mestinya

Makassar, 19 Desember 2024

Sabina Febryantie

### 3. Data Penelitian

#### Data Kasus Fraktur Depressed Cranial Periode 2023-2024

| NO | NO RM   | NAMA | USIA | JK | GCS | L. FRAKTUR & A/T F. BASIS CRANII                                             | DN | K. INTRACRANIAL LAINNYA            | JF | LPRS | HOPRS | KEMATIAN       | KH    |
|----|---------|------|------|----|-----|------------------------------------------------------------------------------|----|------------------------------------|----|------|-------|----------------|-------|
| 1  | 1011654 | S    | 41   | P  | 15  | FRAKTUR TEMPORAL DEXTRA + FRAKTUR BASIS CRANII                               | 2  | SUBDURAL HEMATOM                   | 2  | 8    | 1     | IJINKAN PULANG | TMH   |
| 2  | 1012522 | M    | 10   | L  | 15  | CLOSED FRACTURE DEPRESSED OS PARIETAL SINISTRA                               | 2  | SUBDURAL HEMATOM                   | 2  | 6    | 1     | IJINKAN PULANG | TMH   |
| 3  | 1013051 | T    | 78   | L  | 15  | FRONTOTEMPOROPARIETOOCIPITAL SINISTRA                                        | 2  | SUBDURAL HEMATOM, MULTIPLE HEMATOM | 2  | 2    | 1     | IJINKAN PULANG | MH    |
| 4  | 1013961 | I    | 30   | L  | 15  | TEMPORAL DEXTRA & LINEAR OS TEMPOROPARIETAL DEXTRA                           | 2  | EPIDURAL HEMATOM, SUBDURAL HEMATOM | 2  | 3    | 1     | IJINKAN PULANG | TMH   |
| 5  | 1014141 | I    | 17   | L  | 15  | FRAKTUR DEPRES REGIO FRONTAL SINISTRA                                        | 2  | SUBDURAL HEMATOM                   | 2  | 6    | 1     | IJINKAN PULANG | MH    |
| 6  | 1014330 | Y    | 17   | P  | 13  | > 2 KOMBINASI FRAKTUR DENGAN FRAKTUR BASIS CRANII ANTERIOR                   | 1  | EPIDURAL HEMATOM                   | 2  | 14   | 1     | IJINKAN PULANG | TMH   |
| 7  | 1015511 | S    | 20   | P  | 13  | CLOSED FRAKTUR DEPRESSED OS FRONTAL POST CRANIEKTOMI REMOVE SEGMENT FRAKTUR  | 1  | EPIDURAL HEMATOM                   | 2  | 13   | 1     | IJINKAN PULANG | TMH   |
| 8  | 1017864 | I    | 23   | L  | 15  | FRACTURE DEPRESSED OS FRONTAL                                                | 2  | SUBDURAL HEMATOM                   | 2  | 8    | 1     | IJINKAN PULANG | MH    |
| 9  | 1019725 | R    | 10   | L  | 9   | FRAKTUR DEPRESSED OS PARIETAL SINISTRA + FRAKTUR BASIS CRANII                | 1  | EPIDURAL HEMATOM                   | 2  | 12   | 1     | IJINKAN PULANG | TMH   |
| 10 | 1025517 | W    | 16   | L  | 15  | FRAKTUR DEPRESSED OS PARIETAL DEXTRA                                         | 2  | SUBDURAL HEMATOM                   | 2  | 4    | 1     | IJINKAN PULANG | TMH   |
| 11 | 1056856 | M    | 23   | L  | 15  | FRAKTUR DEPRESSED OS FRONTAL SINISTRA                                        | 2  | EPIDURAL HEMATOM                   | 2  | 4    | 1     | IJINKAN PULANG | MH    |
| 12 | 1058774 | A    | 8    | L  | 15  | FRACTURE DEPRESSED OS PARIETAL DEXTRA                                        | 2  | EPIDURAL HEMATOM                   | 2  | 7    | 1     | IJINKAN PULANG | TMH   |
| 13 | 1068209 | A    | 15   | L  | 15  | FRACTURE DEPRESSED OS PARIETAL DEXTRA                                        | 2  | EPIDURAL HEMATOM                   | 2  | 7    | 1     | IJINKAN PULANG | MH    |
| 14 | 1092831 | M    | 9    | P  | 15  | FRAKTUR OS TEMPORAL SINISTRA & OS PARIETALIS SINISTRA                        | 2  | EPIDURAL HEMATOM                   | 2  | 7    | 1     | IJINKAN PULANG | TMH   |
| 15 | 1121696 | S    | 32   | P  | 15  | FRAKTUR LINEAR OS PARIETAL SINISTRA + FRAKTUR BASIS CRANII ANTERIOR ET MEDIA | 2  | EPIDURAL HEMATOM                   | 2  | 3    | 1     | IJINKAN PULANG | TMH   |
| 16 | 1125658 | T    | 4    | L  | 9   | FRAKTUR DEPRESSED OS PARIETAL ET TEMPORAL DEXTRA + FRAKTUR BASIS CRANII      | 1  | EPIDURAL HEMATOM                   | 2  | 6    | 1     | IJINKAN PULANG | TMH   |
| 17 | 1005053 | A    | 19   | L  | 15  | FRAKTUR DEPRESSED OS FRONTALIS                                               | 2  | EPIDURAL HEMATOM                   | 2  | 19   | 1     | IJINKAN PULANG | TMH   |
| 18 | 1007387 | A    | 12   | L  | 15  | FRAKTUR DEPRESSED OS FRONTAL SINISTRA                                        | 2  | EPIDURAL HEMATOM                   | 2  | 5    | 1     | IJINKAN PULANG | JATUH |
| 19 | 1011077 | N    | 49   | L  | 10  | FRAKTUR OS FRONTAL DEXTRA                                                    | 1  | EPIDURAL HEMATOM                   | 1  | 10   | 1     | IJINKAN PULANG | MH    |
| 20 | 1013974 | F    | 19   | L  | 15  | FRAKTUR ORBITOZYGOMADEXTRA                                                   | 2  | SUBDURAL HEMATOM                   | 2  | 5    | 1     | IJINKAN PULANG | TMH   |

|    |         |   |    |   |    |                                                                       |   |                                    |   |    |   |                |            |
|----|---------|---|----|---|----|-----------------------------------------------------------------------|---|------------------------------------|---|----|---|----------------|------------|
| 21 | 1015528 | S | 24 | L | 15 | FRAKTUR DEPRESSED OS PARIETAL DEXTRA                                  | 2 | \$9 EPIDURAL HEMATOM               | 2 | 4  | 1 | IJINKAN PULANG | MH         |
| 22 | 1017134 | D | 13 | L | 15 | FRAKTUR DEPRESSED OS FRONTAL                                          | 2 | EPIDURAL HEMATOM                   | 2 | 7  | 1 | IJINKAN PULANG | TMH        |
| 23 | 1017159 | G | 16 | L | 10 | FRAKTUR DEPRESSED OS OCCIPITAL                                        | 1 | EPIDURAL HEMATOM                   | 2 | 14 | 1 | IJINKAN PULANG | MH         |
| 24 | 1018730 | Y | 34 | L | 12 | FRAKTUR DEPRESSED FRONTAL DEXTRA                                      | 1 | SUBDURAL HEMATOM                   | 1 | 10 | 1 | IJINKAN PULANG | TMH        |
| 25 | 1024217 | E | 10 | L | 14 | FRAKTUR DEPRESSED OS FRONTAL SINISTRA                                 | 2 | SUBDURAL HEMATOM                   | 2 | 9  | 1 | IJINKAN PULANG | TMH        |
| 26 | 1026361 | K | 23 | L | 15 | FRAKTUR DEPRESSED FRONTAL DEXTRA                                      | 2 | SUBDURAL HEMATOM                   | 1 | 5  | 1 | IJINKAN PULANG | MH         |
| 27 | 1026947 | A | 15 | P | 15 | FRAKTUR DEPRESSED OS FRONTAL                                          | 2 | EPIDURAL HEMATOM                   | 1 | 7  | 1 | IJINKAN PULANG | MH         |
| 28 | 1028895 | P | 10 | L | 15 | FRAKTUR DEPRESSED PARIETAL                                            | 2 | EPIDURAL HEMATOM                   | 2 | 8  | 1 | IJINKAN PULANG | TMH        |
| 29 | 1029266 | M | 34 | L | 10 | FRAKTUR DEPRESSED FRONTAL DEXTRA                                      | 1 | SUBDURAL HEMATOM                   | 1 | 7  | 1 | IJINKAN PULANG | KLL        |
| 30 | 1032089 | R | 19 | L | 10 | FRAKTUR DEPRESSED OS TEMPORAL SINISTRA                                | 1 | EPIDURAL HEMATOM                   | 2 | 22 | 1 | IJINKAN PULANG | TMH        |
| 31 | 1032239 | G | 12 | L | 15 | FRAKTUR DEPRESSED OS PARIETAL DEXTRA                                  | 2 | EPIDURAL HEMATOM                   | 2 | 5  | 1 | IJINKAN PULANG | TMH        |
| 32 | 1032530 | M | 25 | P | 15 | FRAKTUR DEPRESSED OS FRONTALIS DEXTRA, ZYGOMATICUM                    | 2 | SUBDURAL HEMATOM                   | 2 | 8  | 1 | IJINKAN PULANG | MH         |
| 33 | 1036036 | A | 8  | L | 15 | FRAKTUR DEPRESSED OS PARIETAL OS TEMPOROCCIPITAL SINISTRA             | 2 | SUBDURAL HEMATOM                   | 2 | 4  | 1 | IJINKAN PULANG | JATUH      |
| 34 | 1037827 | M | 28 | L | 2  | FRAKTUR TEMPORAL SINISTRA, FRONTALIS, OCCIPITAL                       | 1 | SUBDURAL HEMATOM                   | 2 | 2  | 1 | MENINGGA L = 1 | MH         |
| 35 | 1041083 | Y | 20 | L | 15 | FRAKTUR DEPRESSED FRONTAL + BASIS CRANII ANTERIOR                     | 2 |                                    | 1 | 12 | 1 | IJINKAN PULANG | JATUH      |
| 36 | 1041915 | I | 12 | P | 15 | FRAKTUR DEPRESSED OS PARIETAL SINISTRA                                | 2 | EPIDURAL HEMATOM                   | 1 | 4  | 1 | IJINKAN PULANG | JATUH, TMH |
| 37 | 1044864 | W | 21 | L | 14 | FRAKTUR DEPRESSED OS FRONTAL                                          | 2 | EPIDURAL HEMATOM                   | 1 | 4  | 1 | IJINKAN PULANG | MH         |
| 38 | 924221  | N | 22 | L | 15 | FRAKTUR DEPRESSED OS FRONTAL                                          | 2 | EPIDURAL HEMATOM                   | 1 | 7  | 1 | IJINKAN PULANG | TMH        |
| 39 | 1046384 | N | 22 | P | 15 | FRAKTUR TEMPOROPARIETAL DEXTRA                                        | 2 | EPIDURAL HEMATOM, SUBDURAL HEMATOM | 2 | 13 | 1 | IJINKAN PULANG | MH         |
| 40 | 1052948 | F | 15 | L | 6  | FRAKTUR DEPRESSED OS FRONTO-PARIETAL SINISTRA + BASIS CRANII ANTERIOR | 1 | SUBDURAL HEMATOM                   | 1 | 19 | 1 | IJINKAN PULANG | TMH        |
| 41 | 1071905 | Z | 18 | P | 8  | COMPOUND FRAKTUR DEPRESSED OS FRONTAL DEXTRA                          | 1 | EPIDURAL HEMATOM                   | 1 | 21 | 1 | IJINKAN PULANG | MH         |
| 42 | 1073470 | R | 17 | L | 15 | FRAKTUR DEPRESSED PARIETAL DEXTRA                                     | 2 | EPIDURAL HEMATOM                   | 1 | 8  | 1 | IJINKAN PULANG | TMH        |
| 43 | 1092843 | U | 41 | L | 15 | FRAKTUR DEPRESI OS FRONTAL SINISTRA + BASIS CRANII ANTERIOR           | 2 | EPIDURAL HEMATOM                   | 1 | 14 | 1 | IJINKAN PULANG | MH         |
| 44 | 1113006 | R | 21 | L | 15 | FRAKTUR DEPRESSED OS FRONTAL                                          | 2 | EPIDURAL HEMATOM                   | 1 | 9  | 1 | IJINKAN PULANG | MH         |
| 45 | 1115402 | A | 7  | L | 15 | FRAKTUR DEPRESSED OS PARIETAL DEXTRA                                  | 2 | EPIDURAL HEMATOM                   | 1 | 5  | 1 | IJINKAN PULANG | TMH        |
| 46 | 1121504 | V | 8  | L | 14 | FRAKTUR DEPRESSED PARIETAL DEXTRA                                     | 1 | SUBDURAL HEMATOM                   |   | 3  | 1 | IJINKAN PULANG | TMH        |
| 47 | 1125842 | F | 12 | L | 11 | FRAKTUR DEPRESSED OS PARIEROCCIPITAL EXTRA                            | 1 | SUBDURAL HEMATOM                   | 2 | 5  | 1 | IJINKAN PULANG | TMH        |
| 48 | 1025514 | F | 29 | L | 15 | FRAKTUR DEPRESSED OS FRONTAL + MANDIBULA                              | 2 | EPIDURAL HEMATOM                   | 1 | 16 | 1 | IJINKAN PULANG | MH         |
| 49 | 1030652 | H | 15 | L | 15 | FRAKTUR DEPRESSED OS FRONTALIS                                        | 2 | SUBDURALL HEMATOM                  | 1 | 16 | 1 | IJINKAN PULANG | TMH        |

|    |         |   |    |   |    |                                                     |   |                        |   |   |   |                   |     |
|----|---------|---|----|---|----|-----------------------------------------------------|---|------------------------|---|---|---|-------------------|-----|
| 50 | 1006000 | A | 27 | L | 15 | FRAKTUR LINEAR<br>TEMPOROPARIETAL DEXTRA            | 2 | 60 EPIDURAL<br>HEMATOM | 1 | 6 | 1 | IJINKAN<br>PULANG | TMH |
| 51 | 1017376 | S | 37 | L | 15 | FRAKTUR FRONTAL SINISTRA +<br>BASIS CRANII ANTERIOR | 2 | SUBDURAL<br>HEMATOM    | 1 | 8 | 2 | IJINKAN<br>PULANG | MH  |
| 52 | 1084219 | Y | 42 | L | 15 | FRAKTUR OS FRONTAL + BASIS<br>CRANII                | 2 | EPIDURAL<br>HEMATOM    | 1 | 5 | 1 | IJINKAN<br>PULANG | TMH |

#### 4. Surat Permohonan Rekomendasi Etik

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>KEMENTERIAN PENDIDIKAN KEBUDAYAAN,<br/>RISET DAN TEKNOLOGI</b></p> <p><b>UNIVERSITAS HASANUDDIN</b></p> <p><b>FAKULTAS KEDOKTERAN</b></p> <p>JL. PERINTIS KEMERDEKAAN KM. 10, MAKASSAR 90245<br/>         TELEPON (0411) 586200, (6 SALURAN), 584200, FAX (0411) 585188<br/>         Laman: <a href="http://www.unhas.ac.id">www.unhas.ac.id</a></p> |                                                                                                                                |                         |
| <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;"> <p>Nomor : 20288/UN4.6.8/KP.06.05/2024</p> <p>Hal : Pengantar Untuk Mendapatkan Rekomendasi Etik An.<br/>Sabina Febryantie</p> </td> <td style="width: 40%; text-align: right; vertical-align: top;"> <p>4 September 2024</p> </td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                            | <p>Nomor : 20288/UN4.6.8/KP.06.05/2024</p> <p>Hal : Pengantar Untuk Mendapatkan Rekomendasi Etik An.<br/>Sabina Febryantie</p> | <p>4 September 2024</p> |
| <p>Nomor : 20288/UN4.6.8/KP.06.05/2024</p> <p>Hal : Pengantar Untuk Mendapatkan Rekomendasi Etik An.<br/>Sabina Febryantie</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>4 September 2024</p>                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                |                         |
| <p>Yth. Ketua Komisi Etik Penelitian Kesehatan FK Unhas</p> <p>Dengan hormat, disampaikan bahwa mahasiswa Program Studi Sarjana Kedokteran Fakultas Kedokteran Universitas Hasanuddin di bawah ini :</p> <p style="text-align: center;">N a m a : Sabina Febryantie<br/>N i m : C011211175</p> <p>bermaksud melakukan penelitian dengan Judul "Karakteristik Pasien Fraktur Depressed Cranial di RSUP Wahidin Sudirohusodo Tahun 2023-2024"</p> <p>Untuk maksud tersebut di atas, kami mohon kiranya yang bersangkutan dapat diberikan surat rekomendasi etik dalam rangka penyelesaian studinya.</p> <p>Demikian permohonan kami, atas bantuan dan kerjasamanya disampaikan terima kasih.</p> |                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                |                         |
| <p>Ketua Program Studi S1<br/>Pendidikan Dokter<br/>Fakultas Kedokteran</p> <div style="text-align: center;">  </div> <p>dr. Ririn Nislawati, M.Kes.,Sp.M<br/>NIP 198101182009122003</p>                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                |                         |



## 5. Surat Permohonan Izin Penelitian



**KEMENTERIAN PENDIDIKAN KEBUDAYAAN,  
RISET DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN  
FAKULTAS KEDOKTERAN**

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Nomor : 20287/UN4.6.8/PT.01.04/2024 4 September 2024  
Hal : Permohonan Izin Penelitian An. Sabina Febryantie

Yth. Direktur RSUP Dr. Wahidin Sudirohusodo

Dengan hormat, disampaikan bahwa mahasiswa Program Studi Pendidikan Dokter Fakultas Kedokteran Universitas Hasanuddin di bawah ini :

N a m a : Sabina Febryantie  
N i m : C011211175

bermaksud melakukan penelitian di RSUP Dr. Wahidin Sudirohusodo dengan judul penelitian "Karakteristik Pasien Fraktur Depressed Cranial di RSUP Wahidin Sudirohusodo Tahun 2023-2024"

Sehubungan hal tersebut kiranya yang bersangkutan dapat diberi izin untuk melakukan Penelitian dalam rangka penyelesaian studinya.

Demikian permohonan kami, atas bantuan dan kerjasamanya disampaikan terima kasih.

Ketua Program Studi S1  
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Fakultas Kedokteran



dr. Ririn Nislawati, M.Kes.,Sp.M  
NIP 198101182009122003



## 6. Surat Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI  
 UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN  
 KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN  
 RSPTN UNIVERSITAS HASANUDDIN  
 RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR  
 Sekretariat : Lantai 2 Gedung Laboratorium Terpadu  
 JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.  
 Contact Person: dr. Agussalim Bukhari, MMed, PhD, SpGK, TELP. 081241850858, 0411 5780103, Fax : 0411-581431



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**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 747/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 17 September 2024

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

|                                       |                                                                                                                                  |                                                                                                    |                           |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------|
| No Protokol                           | UH24090700                                                                                                                       | No Sponsor                                                                                         |                           |
| Peneliti Utama                        | Sabina Febryantie                                                                                                                | Sponsor                                                                                            |                           |
| Judul Peneliti                        | KARAKTERISTIK PASIEN FRAKTUR DEPRESSED CRANIAL DI RSUP DR WAHIDIN SUDIROHUSODO TAHUN 2023-2024                                   |                                                                                                    |                           |
| No Versi Protokol                     | 1                                                                                                                                | Tanggal Versi                                                                                      | 13 September 2024         |
| No Versi PSP                          | 1                                                                                                                                | Tanggal Versi                                                                                      | 13 September 2024         |
| Tempat Penelitian                     | RSUP Dr. Wahidin Sudirohusodo Makassar                                                                                           |                                                                                                    |                           |
| Jenis Review                          | <input checked="" type="checkbox"/> Exempted<br><input type="checkbox"/> Expedited<br><input type="checkbox"/> Fullboard Tanggal | Masa Berlaku 17 September 2024 sampai 17 September 2025                                            | Frekuensi review lanjutan |
| Ketua KEP Universitas Hasanuddin      | Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)                                                                            | Tanda tangan  |                           |
| Sekretaris KEP Universitas Hasanuddin | dr. Firdaus Hamid, PhD, SpMK(K)                                                                                                  | Tanda tangan  |                           |

Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan