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LAMPIRAN

Lampiran 1. Data Penelitian

| No | Kelompok | Usia | Jenis Kelamin | Dosis Gabapentin | painDE TECT | NPRS Pre Intervensi | TSS Pre Intervensi | NPRS Post Intervensi | TSS Post Intervensi |
|----|----------|------|---------------|------------------|-------------|---------------------|--------------------|----------------------|---------------------|
| 1 | Kontrol | 49 | Perempuan | 600 mg | 13 | 6 | 7,99 | 4 | 6,66 |
| 2 | Kontrol | 65 | Perempuan | 600 mg | 17 | 8 | 11,98 | 8 | 11,98 |
| 3 | Kontrol | 55 | Perempuan | 300 mg | 17 | 6 | 5,66 | 5 | 5,33 |
| 4 | Kontrol | 51 | Perempuan | 300 mg | 13 | 5 | 5,66 | 2 | 5,33 |
| 5 | Kontrol | 36 | Perempuan | 600 mg | 19 | 8 | 13,31 | 6 | 12,31 |
| 6 | Kontrol | 51 | Perempuan | 300 mg | 14 | 5 | 6,66 | 3 | 6,66 |
| 7 | Kontrol | 44 | Laki-Laki | 600 mg | 21 | 8 | 13,98 | 7 | 13,98 |
| 8 | Kontrol | 48 | Perempuan | 600 mg | 14 | 6 | 7,92 | 3 | 6,32 |
| 9 | Kontrol | 59 | Perempuan | 300 mg | 14 | 5 | 6,99 | 2 | 4 |
| 10 | Kontrol | 50 | Perempuan | 600 mg | 15 | 8 | 9,32 | 7 | 7 |
| 11 | rTMS | 58 | Perempuan | 600 mg | 17 | 6 | 10,65 | 2 | 4 |
| 12 | rTMS | 54 | Laki-Laki | 600 mg | 17 | 7 | 12,31 | 4 | 5,33 |
| 13 | rTMS | 38 | Perempuan | 600 mg | 14 | 7 | 10,98 | 3 | 3,66 |
| 14 | rTMS | 54 | Perempuan | 600 mg | 14 | 7 | 12,65 | 4 | 8,99 |
| 15 | rTMS | 53 | Laki-Laki | 600 mg | 13 | 5 | 9,32 | 0 | 3 |
| 16 | rTMS | 65 | Perempuan | 600 mg | 15 | 6 | 12,65 | 2 | 5,66 |
| 17 | rTMS | 44 | Perempuan | 600 mg | 14 | 5 | 9,32 | 0 | 3 |
| 18 | rTMS | 36 | Perempuan | 600 mg | 14 | 5 | 8,99 | 0 | 2 |
| 19 | rTMS | 44 | Perempuan | 600 mg | 15 | 5 | 9,99 | 2 | 5 |
| 20 | rTMS | 64 | Perempuan | 600 mg | 21 | 8 | 13,98 | 0 | 3 |

Data Domain TSS pada Kelompok rTMS

| No | Pain Pre interv ensi | Pain Post Interv ensi | Burnin g Pre Interv ensi | Burnin g Post Interv ensi | Parest hesia Pre Interv ensi | Parest hesia Post Interv ensi | Numb ness Pre Interv ensi | Numb ness Post Interv ensi |
|----|----------------------|-----------------------|--------------------------|---------------------------|------------------------------|-------------------------------|---------------------------|----------------------------|
| 1 | 2,33 | 1 | 2,33 | 1 | 2,33 | 1 | 1,33 | 2 |
| 2 | 3,66 | 1 | 2,33 | 2,33 | 3,66 | 1 | 2,66 | 1 |
| 3 | 3,66 | 1 | 0 | 0 | 3,66 | 2 | 3,66 | 2 |
| 4 | 3,33 | 2,33 | 2,33 | 2 | 3,33 | 2,33 | 3,33 | 2,33 |
| 5 | 2,33 | 0 | 0 | 0 | 2,33 | 1,33 | 2,33 | 1,33 |
| 6 | 2,33 | 1 | 2 | 1 | 2,33 | 1 | 2,33 | 1,33 |
| 7 | 2,33 | 0 | 1 | 1 | 2,33 | 1 | 2,33 | 1 |
| 8 | 2,33 | 0 | 0 | 0 | 2,33 | 1 | 2,33 | 1 |
| 9 | 2,33 | 1 | 0 | 0 | 3,33 | 1,33 | 2,33 | 1 |
| 10 | 3,33 | 0 | 3,66 | 1 | 3,66 | 1 | 3,33 | 1 |

Lampiran 2. Analisis Data

Normality test of TSS Delta

| | | | |
|-------------------------------------|--------|--------|---------|
| Shapiro-Wilk test | | rtms | kontrol |
| W | 0.8628 | 0.8768 | |
| P value | 0.0823 | 0.1200 | |
| Passed normality test (alpha=0.05)? | Yes | Yes | |
| P value summary | ns | ns | |

Normality Test of TSS Delta

| | | | |
|-------------------------------------|--------|--------|---------|
| Shapiro-Wilk test | | rTMS | kontrol |
| W | 0.8152 | 0.8946 | |
| P value | 0.0222 | 0.1910 | |
| Passed normality test (alpha=0.05)? | No | Yes | |
| P value summary | * | ns | |

Normality test of TSS intervensi pre post

| | | |
|-------------------------------------|--------|--------|
| W | 0.8805 | 0.8424 |
| P value | 0.1321 | 0.0471 |
| Passed normality test (alpha=0.05)? | Yes | No |
| P value summary | ns | * |

Normality Test of NPRS Kontrol pre post

| | | |
|-------------------------------------|--------|--------|
| W | 0.7840 | 0.9152 |
| P value | 0.0093 | 0.3187 |
| Passed normality test (alpha=0.05)? | No | Yes |
| P value summary | ** | ns |

Normality Test of Pain Pre Post

| | | |
|-------------------------------------|--------|--------|
| Shapiro-Wilk test | | |
| W | 0.7024 | 0.7934 |
| P value | 0.0009 | 0.0121 |
| Passed normality test (alpha=0.05)? | No | No |
| P value summary | *** | * |

Normality Test of paresthesia pre post

| | | |
|-------------------------------------|--------|--------|
| Shapiro-Wilk test | | |
| W | 0.7308 | 0.6919 |
| P value | 0.0021 | 0.0007 |
| Passed normality test (alpha=0.05)? | No | No |
| P value summary | ** | *** |

Normality test of numbness pre post

| | | | |
|-------------------------------------|--------|--------|----|
| Shapiro-Wilk test | | | |
| W | 0.8845 | 0.7725 | |
| P value | 0.1470 | 0.0067 | |
| Passed normality test (alpha=0.05)? | Yes | No | |
| P value summary | ns | | ** |

Normality Test of TSS Intervensi Pre Post

| | | | |
|-------------------------------------|--------|--------|----|
| Shapiro-Wilk test | | | |
| W | 0.9218 | 0.8796 | |
| P value | 0.3721 | 0.1291 | |
| Passed normality test (alpha=0.05)? | Yes | Yes | |
| P value summary | ns | | ns |

Normality Test of NPRS Intervensi Pre Post

| | | | |
|-------------------------------------|--------|---------------|---|
| Shapiro-Wilk test | | | |
| W | 0.8553 | 0.8400 | |
| P value | 0.0672 | 0.0441 | |
| Passed normality test (alpha=0.05)? | Yes | No | |
| P value summary | ns | | * |
| Mann whitney thest of NPRS delta | | | |
| Mann Whitney test | | | |
| P value | | 0.0002 | |
| Exact or approximate P value? | | Exact | |
| P value summary | | *** | |
| Significantly different (P < 0.05)? | | Yes | |
| One- or two-tailed P value? | | Two-tailed | |
| Sum of ranks in column A,B | | 150.5 , 59.50 | |
| Mann-Whitney U | | 4.500 | |
| Difference between medians | | | |
| Median of column A | | 4.000, n=10 | |
| Median of column B | | 2.000, n=10 | |
| Difference: Actual | | -2.000 | |
| Difference: Hodges-Lehmann | | -2.000 | |

Wilcoxon test of nprs intervensi pre post

| | | | |
|---|--|------------|--|
| Wilcoxon matched-pairs signed rank test | | | |
| P value | | 0.0020 | |
| Exact or approximate P value? | | Exact | |
| P value summary | | ** | |
| Significantly different (P < 0.05)? | | Yes | |
| One- or two-tailed P value? | | Two-tailed | |
| Sum of positive, negative ranks | | 0.000 , - | |
| Sum of signed ranks (W) | | 55.00 | |
| | | -55.00 | |

| | |
|--|--------|
| Number of pairs | 10 |
| Number of ties (ignored) | 0 |
| Median of differences | |
| Median | -4.000 |
| How effective was the pairing? | |
| rs (Spearman) | 0.5100 |
| P value (one tailed) | 0.0702 |
| P value summary | ns |
| Was the pairing significantly effective? | No |

Paired t test of TSS intervensi pre post

| | |
|--|------------------|
| Paired t test | |
| P value | <0.0001 |
| P value summary | **** |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |
| t, df | t=11.38, df=9 |
| Number of pairs | 10 |
| How big is the difference? | |
| Mean of differences (B - A) | -6.720 |
| SD of differences | 1.868 |
| SEM of differences | 0.5907 |
| 95% confidence interval | -8.056 to -5.384 |
| R squared (partial eta squared) | 0.9350 |
| How effective was the pairing? | |
| Correlation coefficient (r) | 0.5074 |
| P value (one tailed) | 0.0672 |
| P value summary | ns |
| Was the pairing significantly effective? | No |

Mann whitney test of nprs delta

| | |
|---|--------------|
| Mann Whitney test | |
| P value | <0.0001 |
| Exact or approximate P value? | Exact |
| P value summary | **** |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |
| Sum of ranks in column A,B | 155 , 55 |
| Mann-Whitney U | 0 |
| Difference between medians | |
| Median of column A | 6.815, n=10 |
| Median of column B | 0.6650, n=10 |
| Difference: Actual | -6.150 |
| Difference: Hodges-Lehmann | -5.850 |

Wilcoxon Test of TSS control pre post

| | |
|--|----------------|
| Wilcoxon matched-pairs signed rank test | |
| P value | 0.0156 |
| Exact or approximate P value? | Exact |
| P value summary | * |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |
| Sum of positive, negative ranks | 0.000 , -28.00 |
| Sum of signed ranks (W) | -28.00 |
| Number of pairs | 10 |
| Number of ties (ignored) | 3 |
| Median of differences | |
| Median | -0.6650 |
| How effective was the pairing? | |
| rs (Spearman) | 0.8869 |
| P value (one tailed) | 0.0006 |
| P value summary | *** |
| Was the pairing significantly effective? | Yes |

Wilcoxon Test of NPRS Kontrol pre post

| | |
|--|----------------|
| Wilcoxon matched-pairs signed rank test | |
| P value | 0.0039 |
| Exact or approximate P value? | Exact |
| P value summary | ** |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |
| Sum of positive, negative ranks | 0.000 , -45.00 |
| Sum of signed ranks (W) | -45.00 |
| Number of pairs | 10 |
| Number of ties (ignored) | 1 |
| Median of differences | |
| Median | -2.000 |
| How effective was the pairing? | |
| rs (Spearman) | 0.9331 |
| P value (one tailed) | 0.0005 |
| P value summary | *** |
| Was the pairing significantly effective? | Yes |

Normality Test of Burning Pre Post

| | | |
|---|--------|--------|
| Shapiro-Wilk test | | |
| W | 0.8958 | 0.6921 |
| P value | 0.3499 | 0.0051 |
| Passed normality test (alpha=0.05)? | Yes | No |
| P value summary | ns | ** |
| Wilcoxon test of Burning pre post | | |
| Wilcoxon matched-pairs signed rank test | | |
| P value | 0.1250 | |

| | |
|---|------------|
| Exact or approximate P value? | Exact |
| P value summary | ns |
| Significantly different ($P < 0.05$)? | No |
| One- or two-tailed P value? | Two-tailed |
| | 0.000 , - |
| Sum of positive, negative ranks | 10.00 |
| Sum of signed ranks (W) | -10.00 |
| Number of pairs | 6 |
| Number of ties (ignored) | 2 |

Wilcoxon test of Pain pre Post

| | |
|---|------------|
| Wilcoxon matched-pairs signed rank test | |
| P value | 0.0020 |
| Exact or approximate P value? | Exact |
| P value summary | ** |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |
| | 0.000 , - |
| Sum of positive, negative ranks | 55.00 |
| Sum of signed ranks (W) | -55.00 |
| Number of pairs | 10 |
| Number of ties (ignored) | 0 |

Wilcoxon Test of Paresthesia Pre Post

| | |
|---|----------------|
| Wilcoxon matched-pairs signed rank test | |
| P value | 0.0020 |
| Exact or approximate P value? | Exact |
| P value summary | ** |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |
| | 0.000 , -55.00 |
| Sum of positive, negative ranks | -55.00 |
| Sum of signed ranks (W) | |
| Number of pairs | 10 |
| Number of ties (ignored) | 0 |

Wilcoxon Test of Numbness pre post

| | |
|---|------------|
| Wilcoxon matched-pairs signed rank test | |
| P value | 0.0039 |
| Exact or approximate P value? | Exact |
| P value summary | ** |
| Significantly different ($P < 0.05$)? | Yes |
| One- or two-tailed P value? | Two-tailed |

| | |
|---------------------------------|----------------|
| Sum of positive, negative ranks | 1.000 , -54.00 |
| Sum of signed ranks (W) | -53.00 |
| Number of pairs | 10 |
| Number of ties (ignored) | 0 |

Lampiran 3. Naskah penjelasan

NASKAH PENJELASAN PADA SUBJEK

Selamat pagi Bapak/Ibu, Assalamualaikum wr.wb

Perkenalkan saya dr.Johannes, dari Departemen Ilmu Penyakit Saraf Fakultas Kedokteran *Universitas Hasanuddin*, akan melakukan penelitian tentang pengaruh repetitive transcranial magnetic stimulation terhadap intensitas nyeri pada pasien nyeri punggung bawah kronik kepada bapak/ibu, dalam bentuk pengambilan data secara langsung meliputi mencatat identitas (nama, alamat, umur, jenis kelamin, pendidikan), wawancara, pemeriksaan neurologis, pemeriksaan pencitraan tulang belakang (MRI), dan pemeriksaan skala nyeri yang diambil sebanyak 2 (dua) kali yaitu pada sebelum dan sesudah tindakan terhadap Bapak/Ibu.

Setelah pengambilan data pertama, bapak/ibu akan mendapatkan dua kemungkinan perlakuan. Yang pertama adalah Tindakan repetitive transcranial magnetic stimulation (stimulasi magnetik terhadap kepala yang berulang) dimana pada prosedur ini akan diletakkan alat stimulasi pada kepala bapak/ibu yang memancarkan gelombang elektromagnetik sehingga mempengaruhi kerja otak dan yang kedua adalah sham protocol dimana bapak/ibu mendapatkan perlakuan berupa peletakkan alat stimulasi di kepala bapak tetapi dengan posisi yang berbeda sehingga stimulasi yang diberikan tidak mempengaruhi tubuh bapak/ibu.

Kami akan mengambil data yang berasal dari ibu/bapak dan mencatat identitas (nama, umur, jenis kelamin, pendidikan, riwayat penyakit, riwayat pengobatan). Selanjutnya akan dilakukan pengambilan data melalui pemeriksaan yang telah disebutkan di atas. Data yang diambil sebanyak 2 (dua) kali yaitu data awal dan setelah dilakukan Tindakan repetitive transcranial magnetic stimulation atau sham protocol. Penelitian ini dilakukan untuk memperoleh pengetahuan dan kontribusi terhadap neuroscience dan khususnya pengaruh repetitive transcranial magnetic stimulation terhadap intensitas nyeri, dapat dijadikan sebagai alternatif terapi non obat-obatan pada kasus nyeri punggung bawah kronik, menjadi sumber referensi bagi peneliti lain dalam melakukan

penelitian selanjutnya terkait dengan pengaruh repetitive transcranial magnetic stimulation terhadap intensitas nyeri. Tindakan ini cenderung aman tetapi dapat terjadi efek samping yang ringan seperti nyeri kepala dan pingsan atau efek samping yang jarang terjadi yakni kejang, gangguan kognitif, gangguan pendengaran, kulit kepala terbakar. Untuk mencegah hal ini maka kami akan melakukan seleksi yang ketat. Dan apabila terjadi efek samping akan kami berikan pengobatan berupa pemberian obat-obatan bila muncul efek samping ringan seperti nyeri kepala dan perawatan di Rumah sakit bila muncul efek samping yang berat seperti kejang dan pingsan. Semua biaya selama terjadi efek samping akan ditanggung oleh pihak peneliti hingga pengobatan tuntas. Selama penelitian Bapak/ibu tidak dikenakan biaya. Dan pada akhir tindakan penelitian pada bapak/ibu, akan diberikan kompensasi biaya transportasi berupa uang tunai sejumlah Rp 200.000,-.

Keikutsertaan Bapak/Ibu dalam penelitian ini bersifat sukarela tanpa paksaan, karena itu bila Bapak/Ibu menolak ikut atau berhenti ikut pada penelitian ini jangan takut akan kehilangan hak untuk mendapatkan pelayanan kesehatan standar rutin.

Data dikumpulkan dalam penelitian ini akan disimpan dalam data komputer tanpa nama Bapak/Ibu/saudara. Hanya peneliti yang mengetahui data-data Bapak/Ibu/saudara. Hasil penelitian ini akan dipublikasikan di forum ilmiah terbatas dan jurnal nasional tanpa menampilkan identitas Bapak/ibu/saudara.

Sehubungan dengan penelitian ini, bila timbul pertanyaan lebih lanjut diharapkan dapat menghubungi: dr. Aayuh Khaeranah, nomor telepon: 082259315997.

Identitas Peneliti :

Nama : Johannes

Alamat : Taman Dataran Indah Blok D 176B

Telepon : 085262227550

DISETUJUI OLEH

KOMISI ETIK PENELITIAN

KESEHATAN

FAK. KEDOKTERAN UNHAS

Tgl.....

Lampiran 4. Form Persetujuan Tertulis

FORMULIR PERSETUJUAN MENGIKUTI PENELITIAN

Saya yang bertanda tangan di bawah ini :

Nama :

Umur :

Alamat :

setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai tujuan, manfaat apa yang akan dilakukan pada penelitian ini, menyatakan setuju untuk ikut berpatisipasi pada penelitian ini.

Saya tahu bahwa keikutsertaan saya ini bersifat sukarela tanpa paksaan, sehingga saya bisa menolak ikut atau mengundurkan diri dari penelitian ini tanpa kehilangan hak saya untuk mendapat pelayanan kesehatan kedepannya. Juga saya berhak bertanya atau meminta penjelasan pada peneliti bila masih ada hal yang belum jelas atau masih ada hal yang ingin saya ketahui tentang penelitian ini.

Saya juga mengerti bahwa semua biaya yang dikeluarkan sehubungan dengan penelitian ini, akan ditanggung oleh peneliti. Saya percaya bahwa keamanan dan kerahasiaan data penelitian akan terjamin dan saya dengan ini menyetujui semua data saya yang dihasilkan pada penelitian ini untuk disajikan dalam bentuk lisan maupun tulisan.

Bila terjadi perbedaan pendapat dikemudian hari kami akan menyelesaiakannya secara kekeluargaan.

| NAMA | HUBUNGAN | TANDA TANGAN | TGL/BLN/THN |
|---------------|----------|--------------|-------------|
| DENGAN SUBJEK | | | |
| Klien | | | |
| Saksi 1 | | | |
| Saksi 2 | | | |

| | |
|---|--|
| <p>Penanggung Jawab Penelitian</p> <p>Nama : Johannes Alamat : Taman Dataran Indah Blok D 176B Makassar Telepon : 085262227550</p> | <p>Penanggung Jawab Medis</p> <p>Nama: Dr. dr. Audry Devisanty Wuysang, M.Si, Sp.S (K) Alamat: Jalan Gunung Salahutu No.24 Makassar Telepon: 085342473456</p> |
|---|--|

Lampiran 5. Form Data Penelitian

PENGARUH REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION
TERHADAP INTENSITAS NYERI PADA PASIEN NYERI PUNGGUNG
BAWAH KRONIK

I. IDENTITAS PASIEN

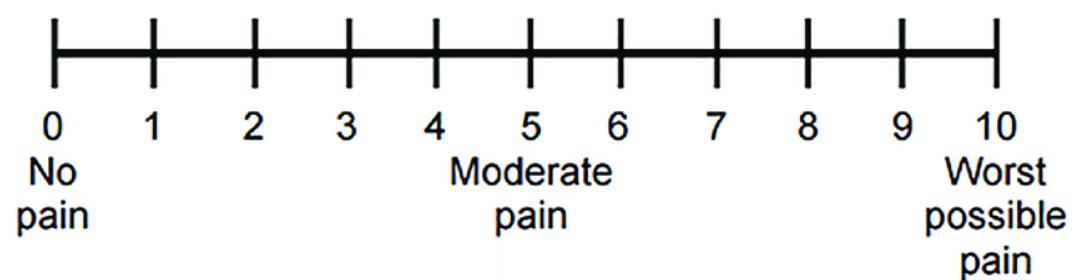
1. Nama :
2. Jenis Kelamin :
3. Tanggal pemeriksaan :
4. Pendidikan :
5. No. HP/ telp :
6. Alamat :

II. DATA PEMERIKSAAN PASIEN

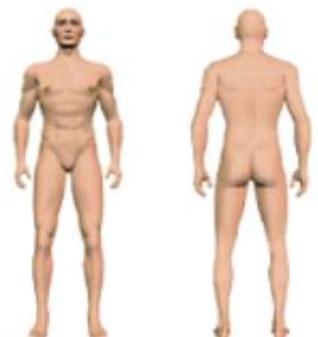
1. Hasil painDETECT :
2. Hasil preTest Numeric Pain Rating Scale :
3. Hasil postTest Numeric Pain Rating Scale :
4. Hasil preTest Total Symptom Score :
5. Hasil postTest Total Symptom Score :

Lampiran 6. Form NPRS

0–10 Numeric Pain Rating Scale



Lampiran 7. Form painDETECT

| painDETECT | KUESIONER NYERI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------|------|-------------|--------|----|---|----|-----------|------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|--|--|---|---|---|---|---|---|---|---|---|---|----|-----------|------|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|----|-----------|------|--|--|--|--|--|--|--|--|--|---|
| Tanggal: | Nama Pasien: | Usia: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Catatan : 0=tidak ada nyeri, 1-3= nyeri ringan, 4-7= nyeri sedang, 8-10= nyeri berat Bagaimana penilaian rasa nyeri Anda sekarang, pada saat ini?</p> <table border="1" style="margin-bottom: 5px; width: 100%;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>Tidak ada</td><td colspan="10">maks</td></tr> </table> <p>Seberapa kuat rasa nyeri yang terberat selama 4 minggu terakhir?</p> <table border="1" style="margin-bottom: 5px; width: 100%;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>Tidak ada</td><td colspan="10">maks</td></tr> </table> <p>Seberapa kuat "rata-rata" rasa nyeri selama 4 minggu terakhir?</p> <table border="1" style="margin-bottom: 5px; width: 100%;"> <tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>Tidak ada</td><td colspan="10">maks</td></tr> </table> | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Tidak ada | maks | | | | | | | | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Tidak ada | maks | | | | | | | | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Tidak ada | maks | | | | | | | | | | <p>Tandai lokasi nyeri pada tubuh Anda</p>  <p>Apakah rasa nyeri menjalar kebagian lain dari tubuh Anda? <input type="checkbox"/> Ya <input type="checkbox"/> Tidak Jika ya, gambarkan arah penjalaran itu</p> |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tidak ada | maks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tidak ada | maks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tidak ada | maks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Apakah Anda menderita sensasi seperti terbakar (panas menyengat) di daerah nyeri? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p>Apakah Anda merasa kesemutan, seperti ditusuk-tusuk di daerah nyeri (seperti semut merayap atau kesetrum)? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p>Adakah sentuhan ringan (seperti pakaian/kain atau selimut) memberi rasa nyeri? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p>Apakah Anda merasakan serangan nyeri mendadak seperti sengatan listrik/kesetrum? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p>Apakah (air mandi) yang dingin atau panas dapat menimbulkan rasa nyeri? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p>Apakah Anda menderita ba'ul/rasa tebal atau mati rasa pada daerah nyeri? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p>Apakah tekanan ringan seperti tekanan jari pada area sakit, menimbulkan rasa nyeri? tak pernah <input type="checkbox"/> hampir tidak <input type="checkbox"/> sedikit <input type="checkbox"/> sedang <input type="checkbox"/> kuat <input type="checkbox"/> sangat kuat <input type="checkbox"/> terasa</p> <p style="text-align: right;">(untuk diisi oleh dokter)</p> <table style="margin-top: 5px; width: 100%;"> <tr> <td style="width: 25%;">tak pernah</td> <td style="width: 25%;">hampir tidak</td> <td style="width: 25%;">sedikit</td> <td style="width: 25%;">sedang</td> <td style="width: 25%;">kuat</td> <td style="width: 25%;">sangat kuat</td> </tr> <tr> <td>terasa</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> X0</td> <td><input type="checkbox"/> X1</td> <td><input type="checkbox"/> X2</td> <td><input type="checkbox"/> X3</td> <td><input type="checkbox"/> X4</td> <td><input type="checkbox"/> X5</td> </tr> </table> <p style="text-align: center;">Jumlah skor dari 35</p> | | | tak pernah | hampir tidak | sedikit | sedang | kuat | sangat kuat | terasa | | | | | | <input type="checkbox"/> X0 | <input type="checkbox"/> X1 | <input type="checkbox"/> X2 | <input type="checkbox"/> X3 | <input type="checkbox"/> X4 | <input type="checkbox"/> X5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| tak pernah | hampir tidak | sedikit | sedang | kuat | sangat kuat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| terasa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> X0 | <input type="checkbox"/> X1 | <input type="checkbox"/> X2 | <input type="checkbox"/> X3 | <input type="checkbox"/> X4 | <input type="checkbox"/> X5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Pengembangan / Referensi: R. Freyhagen, R.Baron, U.Gockel, T.R.Tolle/Curr Med Res Opin, Vol.22, No.10 (2006)

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painDETECT

PENILAIAN KUESIONER NYERI

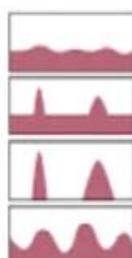
Tanggal:

Nama Pasien:

Usia:

Pindahkan skoring dari kuesioner nyeri
Jumlah skor :

Jumlahkan skor dengan angka berikut, tergantung pada pola dan penjalaran nyeri yang ditandai. Kemudian hitung jumlah skor akhir:



| | |
|---|------------------------|
| Nyeri menetap, terus-menerus, sedikit fluktuasi | 0 |
| Nyeri menetap disertai serangan nyeri yang lebih kuat | -1 Jika ditandai, atau |
| Nyeri hilang dan timbul tanpa ada rasa sakit diantaranya | +1 Jika ditandai, atau |
| Serangan-serangan nyeri diantara rasa nyeri yang ada | +1 Jika ditandai |



Rasa nyeri menjalar? +2 Jika ya

SKOR AKHIR

HASIL SKORING SKOR AKHIR



Lembar ini tidak menggantikan diagnosis medis.

Lembar ini digunakan untuk melakukan skrining adanya komponen nyeri neuropatik.

Pengembangan / Referensi: R. Freyhagen, R. Baron, U.Gockel, T.R Tolle/Curr Med Res Opin., Vol. 22, No.10 (2006)
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Lampiran 8. Form Total Symptom Score

| Symptom | Frequency | Intensity |
|-------------|---|--|
| Pain | <input type="checkbox"/> Occasional | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,00 Mild <input type="checkbox"/> 2,00 Moderate <input type="checkbox"/> 3,00 Severe |
| | <input type="checkbox"/> Frequent | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,33 Mild <input type="checkbox"/> 2,33 Moderate <input type="checkbox"/> 3,33 Severe |
| | <input type="checkbox"/> Continuous (almost) | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,66 Mild <input type="checkbox"/> 2,66 Moderate <input type="checkbox"/> 3,66 Severe |
| Burning | <input type="checkbox"/> Occasional | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,00 Mild <input type="checkbox"/> 2,00 Moderate <input type="checkbox"/> 3,00 Severe |
| | <input type="checkbox"/> Frequent | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,33 Mild <input type="checkbox"/> 2,33 Moderate <input type="checkbox"/> 3,33 Severe |
| | <input type="checkbox"/> Continuous (almost) | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,66 Mild <input type="checkbox"/> 2,66 Moderate <input type="checkbox"/> 3,66 Severe |
| Paresthesia | <input type="checkbox"/> Occasional | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,00 Mild <input type="checkbox"/> 2,00 Moderate <input type="checkbox"/> 3,00 Severe |
| | <input type="checkbox"/> Frequent | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,33 Mild <input type="checkbox"/> 2,33 Moderate <input type="checkbox"/> 3,33 Severe |
| | <input type="checkbox"/> Continuous (almost) | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,66 Mild <input type="checkbox"/> 2,66 Moderate <input type="checkbox"/> 3,66 Severe |
| Numbness | <input type="checkbox"/> Occasional | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,00 Mild <input type="checkbox"/> 2,00 Moderate <input type="checkbox"/> 3,00 Severe |
| | <input type="checkbox"/> Frequent | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,33 Mild <input type="checkbox"/> 2,33 Moderate <input type="checkbox"/> 3,33 Severe |
| | <input type="checkbox"/> Continuous (almost) | <input type="checkbox"/> 0 Absent <input type="checkbox"/> 1,66 Mild <input type="checkbox"/> 2,66 Moderate <input type="checkbox"/> 3,66 Severe |

TSS Total Score :

Lampiran 9. Persetujuan Etik



REKOMENDASI PERSETUJUAN ETIK

Nomor : 415/UN4.6.4.5.31/ PP36/ 2021

Tanggal: 25 Juni 2021

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

| No Protokol | UH21050319 | No Sponsor Protokol | |
|--|---|--|--|
| Peneliti Utama | dr. Johannes | Sponsor | |
| Judul Peneliti | Pengaruh Repetitive Transcranial Magnetic Stimulation Terhadap Intensitas Nyeri Pada Pasien Nyeri Punggung Bawah Kronik | | |
| No Versi Protokol | 2 | Tanggal Versi | 17 Juni 2021 |
| No Versi PSP | 2 | Tanggal Versi | 17 Juni 2021 |
| Tempat Penelitian | RS Dr. Wahidin Sudirohusodo Makassar | | |
| Jenis Review | <input type="checkbox"/> Exempted <input type="checkbox"/> Expedited <input checked="" type="checkbox"/> Fullboard Tanggal 16 Juni 2021 | Masa Berlaku 25 Juni 2021 sampai 25 Juni 2022 | Frekuensi review lanjutan |
| Ketua Komisi Etik Penelitian Kesehatan FKUH | Nama Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K) | <i>[Signature]</i> |  |
| Sekretaris Komisi Etik Penelitian Kesehatan FKUH | Nama dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K) | <i>[Signature]</i> | |

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 protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan