**KUESIONER PENGETAHUAN TENTANG RADANG GUSI**

**PADA IBU HAMIL**

**Identitas Responden**

Nama Lengkap :

Nama Suami :

Alamat :

Usia Ibu :

Usia Kehamilan :

Kehamilan Anak Ke- :

Pendidikan Terakhir : Tidak Sekolah/SD/SMP/SMA-sederajat/Sarjana-Diploma\*

Status Pekerjaan : Bekerja/Ibu Rumah Tangga\*

Penghasilan : a. <1.000.000 b. 1.000.000-2.000.000 c. >2.000.000\*

Nomor Hp Ibu :

Nomor Hp Suami :

\*Coret yang tidak perlu

**Petunjuk: Berilah tanda centang (✓) pada kolom jawaban yang dianggap paling benar!**

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| --- | --- | --- | --- |
| **Pertanyaan** | **Benar** | | **Salah** |
| **Definisi radang gusi** | | | |
| 1. Gingivitis adalah radang jaringan lunak yang melibatkan jaringan gusi. |  | |  |
| 1. Radang gusi mulai terjadi pada bulan kedua kehamilan. |  | |  |
| 1. Gusi tidak berwarna merah kebiruan berarti gusi sehat. |  | |  |
| 1. Gusi berserat dan lunak adalah ciri gusi radang. |  | |  |
| 1. Kontur tepi gusi yang tajam seperti pisau menandakan gusi sehat. |  | |  |
| 1. Tekstur gusi radang ialah tidak ada gambaran titik-titik seperti kulit jeruk. |  |  | |
| 1. Tampilan gusi yang mengkilat menandakan bahwa gusi tersebut tidak sehat. |  |  | |
| **Penyebab radang gusi pada ibu hamil** | | | |
| 1. Susunan gigi yang tidak beraturan dapat menyebabkan terjadinya radang gusi. |  | |  |
| 1. Tambalan gigi yang tidak rata dapat menyebabkan gusi menjadi meradang. |  | |  |
| 1. Mual menjadi salah satu faktor pendukung terjadinya radang gusi. |  | |  |
| 1. Takut menyikat gigi merupakan faktor pendukung terjadinya gingivitis. |  | |  |
| **Risiko radang gusi pada ibu hamil dan janin** | | | |
| 1. Radang gusi dapat berisiko menyebabkan ibu hamil melahirkan bayi prematur. |  | |  |
| **Pertanyaan** | **Benar** | | **Salah** |
| 1. Penyakit pernapasan merupakan risiko akibat terjadinya radang gusi pada ibu hamil. |  | |  |
| 1. Radang gusi dapat berdampak menjadi penyakit kardiovaskular pada ibu hamil. |  | |  |
| 1. Gingivitisdapat mengakibatkan terjadinya penyakit stroke pada ibu hamil. |  | |  |
| **Pencegahan risiko yang timbul akibat radang gusi** | | | |
| 1. Ibu hamil boleh mengonsumsi permen karet yang mengandung xylitol 4-5x sehari sebab akan mengurangi kadar asam pada mulut. |  | |  |
| 1. Bila ibu hamil mengalami muntah, maka lakukan penyikatan gigi 1 jam setelah muntah. |  | |  |
| 1. Ketika usia kehamilan menginjak usia 14 minggu, ibu hamil boleh membersihkan karang gigi ke dokter gigi. |  | |  |
| 1. Perawatan gigi dan mulut pada trimester pertama tidak dianjurkan karena dapat berisiko cacat lahir pada bayi. |  | |  |
| 1. Waktu ideal untuk pengobatan masalah kesehatan gigi dan mulut selama kehamilan adalah pada trimester kedua. |  | |  |
| Skor |  | |  |
| Total Skor |  | | |

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| --- |
| Responden |
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| ( ) |

**DESAIN MEDIA BOOKLET**

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**ETHICAL CLEARANCE**

**Data Penelitian Kelompok Eksperimen**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Responden** | **Usia Ibu** | **Usia Kandungan (Minggu)** | **Kehamilan Anak Ke-** | **Pendidikan Terakhir** | **Pekerjaan** | **Penghasilan** |
| 1 | 25 | 14 | 2 | SMA | Bekerja | 1.000.000-2.000.000 |
| 2 | 27 | 28 | 3 | SMA | IRT | <1.000.000 |
| 3 | 27 | 35 | 1 | Sarjana | IRT | <1.000.000 |
| 4 | 22 | 34 | 1 | SMA | IRT | <1.000.000 |
| 5 | 28 | 30 | 1 | Sarjana | IRT | 1.000.000-2.000.000 |
| 6 | 29 | 32 | 2 | SMA | IRT | <1.000.000 |
| 7 | 28 | 37 | 4 | SMA | IRT | <1.000.000 |
| 8 | 19 | 23 | 1 | SMA | IRT | <1.000.000 |
| 9 | 25 | 36 | 1 | SMA | Bekerja | 1.000.000-2.000.000 |
| 10 | 38 | 32 | 3 | SMA | IRT | <1.000.000 |
| 11 | 21 | 16 | 2 | SMP | IRT | <1.000.000 |
| 12 | 21 | 14 | 1 | SMP | IRT | <1.000.000 |
| 13 | 27 | 22 | 1 | D3 | IRT | >2.000.000 |
| 14 | 31 | 18 | 2 | SMP | IRT | 1.000.000-2.000.000 |
| 15 | 37 | 26 | 2 | SD | IRT | <1.000.000 |
| 16 | 17 | 24 | 1 | SMP | IRT | <1.000.000 |
| 17 | 41 | 32 | 2 | SMA | Bekerja | >2.000.000 |
| 18 | 36 | 32 | 3 | SMA | IRT | <1.000.000 |
| 19 | 24 | 33 | 1 | Sarjana | IRT | 1.000.000-2.000.000 |
| 20 | 29 | 14 | 1 | Sarjana | Bekerja | >2.000.000 |
| 21 | 32 | 37 | 3 | Sarjana | Bekerja | >2.000.000 |
| 22 | 24 | 33 | 1 | SMA | IRT | >2.000.000 |
| 23 | 23 | 17 | 3 | SMA | Bekerja | 1.000.000-2.000.000 |
| 24 | 24 | 19 | 3 | SMA | IRT | 1.000.000-2.000.000 |
| 25 | 33 | 33 | 3 | SMP | IRT | <1.000.000 |
| 26 | 21 | 19 | 1 | SMA | IRT | <1.000.000 |
| 27 | 38 | 33 | 3 | Sarjana | Bekerja | >2.000.000 |
| 28 | 37 | 33 | 3 | SMA | Bekerja | 1.000.000-2.000.000 |
| 29 | 28 | 37 | 3 | SMA | IRT | <1.000.000 |
| 30 | 23 | 24 | 1 | SMA | IRT | <1.000.000 |

**Data Penelitian Kelompok Kontrol**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Responden** | **Usia Ibu** | **Usia Kandungan (Minggu)** | **Kehamilan Anak Ke-** | **Pendidikan Terakhir** | **Pekerjaan** | **Penghasilan** |
| 1 | 28 | 23 | 2 | SMA | IRT | 1.000.000-2.000.000 |
| 2 | 24 | 28 | 1 | SMK | IRT | <1.000.000 |
| 3 | 27 | 26 | 1 | SMA | IRT | <1.000.000 |
| 4 | 29 | 34 | 2 | Sarjana | IRT | >2.000.000 |
| 5 | 35 | 16 | 6 | Sarjana | Bekerja | >2.000.000 |
| 6 | 23 | 18 | 1 | SMA | Bekerja | 1.000.000-2.000.000 |
| 7 | 25 | 24 | 1 | SMK | IRT | <1.000.000 |
| 8 | 33 | 28 | 2 | SMP | IRT | <1.000.000 |
| 9 | 39 | 39 | 4 | SMP | IRT | <1.000.000 |
| 10 | 23 | 33 | 1 | Sarjana | Bekerja | 1.000.000-2.000.000 |
| 11 | 27 | 19 | 3 | SMP | IRT | 1.000.000-2.000.000 |
| 12 | 27 | 20 | 1 | SMA | Bekerja | >2.000.000 |
| 13 | 26 | 35 | 2 | SMA | IRT | >2.000.000 |
| 14 | 29 | 17 | 3 | SMK | IRT | 1.000.000-2.000.000 |
| 15 | 20 | 36 | 1 | SMA | IRT | <1.000.000 |
| 16 | 15 | 27 | 1 | SD | IRT | <1.000.000 |
| 17 | 42 | 15 | 3 | Sarjana | Bekerja | >2.000.000 |
| 18 | 35 | 16 | 2 | SMA | IRT | <1.000.000 |
| 19 | 25 | 31 | 1 | Sarjana | IRT | 1.000.000-2.000.000 |
| 20 | 29 | 17 | 3 | Sarjana | IRT | >2.000.000 |
| 21 | 37 | 33 | 3 | Sarjana | IRT | >2.000.000 |
| 22 | 27 | 25 | 2 | Sarjana | IRT | 1.000.000-2.000.000 |
| 23 | 21 | 34 | 1 | SMA | IRT | 1.000.000-2.000.000 |
| 24 | 27 | 22 | 2 | SMA | IRT | <1.000.000 |
| 25 | 34 | 29 | 2 | Sarjana | Bekerja | >2.000.000 |
| 26 | 29 | 32 | 2 | Sarjana | IRT | 1.000.000-2.000.000 |
| 27 | 23 | 14 | 1 | SMA | IRT | <1.000.000 |
| 28 | 24 | 36 | 1 | SMA | IRT | <1.000.000 |
| 29 | 21 | 26 | 1 | SMA | Bekerja | >2.000.000 |
| 30 | 27 | 30 | 2 | Sarjana | Bekerja | >2.000.000 |

**TABULASI DATA KUESIONER**

Kelompok eksperimen sebelum diberi perlakuan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 13 | 65 |
| 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 15 |
| 5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 6 | 30 |
| 6 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 75 |
| 7 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 9 | 45 |
| 8 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 17 | 85 |
| 9 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 13 | 65 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 19 | 95 |
| 11 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 12 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 8 | 40 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 15 | 75 |
| 14 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 10 | 50 |
| 15 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 11 | 55 |
| 16 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 9 | 45 |
| 17 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 70 |
| 18 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 | 80 |
| 19 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 14 | 70 |
| 20 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 7 | 35 |
| 21 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 13 | 65 |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 22 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 13 | 65 |
| 23 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 14 | 70 |
| 24 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 7 | 35 |
| 25 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 15 | 75 |
| 26 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 7 | 35 |
| 27 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 15 | 75 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 30 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 8 | 40 |
| Total Benar | 23 | 15 | 23 | 20 | 14 | 18 | 8 | 19 | 22 | 20 | 20 | 16 | 15 | 16 | 9 | 19 | 23 | 24 | 20 | 21 |  | |

Kelompok eksperimen setelah diberi pelakuan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 13 | 65 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 12 | 60 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 4 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 11 | 55 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 18 | 90 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 7 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 9 | 45 |
| 8 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 17 | 85 |
| 9 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 13 | 65 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 19 | 95 |
| 11 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 12 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 8 | 40 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 15 | 75 |
| 14 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 10 | 50 |
| 15 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 12 | 60 |
| 16 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 9 | 45 |
| 17 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 11 | 55 |
| 18 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 | 80 |
| 19 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 14 | 70 |
| 20 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 7 | 35 |
| 21 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 13 | 65 |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 22 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 23 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 16 | 80 |
| 24 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 15 | 75 |
| 25 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 75 |
| 26 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 27 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 75 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 | 100 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 | 100 |
| Total Benar | 26 | 19 | 26 | 22 | 18 | 23 | 18 | 22 | 25 | 20 | 24 | 21 | 17 | 20 | 16 | 19 | 25 | 24 | 22 | 26 |  | |

Kelompok kontrol sebelum diberi perlakuan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 9 | 45 |
| 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 11 | 55 |
| 3 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 17 | 85 |
| 4 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 10 | 50 |
| 5 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 7 | 35 |
| 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 30 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 15 | 75 |
| 8 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 13 | 65 |
| 9 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 70 |
| 10 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 | 80 |
| 11 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 6 | 30 |
| 12 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 7 | 35 |
| 13 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 14 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 19 | 95 |
| 15 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 7 | 35 |
| 16 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 10 | 50 |
| 17 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 13 | 65 |
| 18 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 19 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 7 | 35 |
| 20 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 21 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 11 | 55 |
| 22 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 6 | 30 |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 23 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 10 | 50 |
| 24 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 11 | 55 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 15 | 75 |
| 26 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 9 | 45 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 60 |
| 28 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 5 | 25 |
| 29 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 9 | 45 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 10 | 50 |
| Total Benar | 25 | 12 | 24 | 19 | 8 | 17 | 13 | 19 | 23 | 14 | 22 | 15 | 15 | 11 | 8 | 15 | 19 | 23 | 13 | 23 |  | |

Kelompok kontrol setelah diberi perlakuan

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 11 | 55 |
| 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 12 | 60 |
| 3 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 15 | 75 |
| 4 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 10 | 50 |
| 5 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 10 | 50 |
| 6 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 14 | 70 |
| 7 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 13 | 65 |
| 8 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 12 | 60 |
| 9 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 70 |
| 10 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 11 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 7 | 35 |
| 12 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 40 |
| 13 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 14 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 19 | 95 |
| 15 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 7 | 35 |
| 16 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 10 | 50 |
| 17 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 12 | 60 |
| 18 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 19 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 9 | 45 |
| 20 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 21 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 11 | 55 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 15 | 75 |
| **No.** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** | **P13** | **P14** | **P15** | **P16** | **P17** | **P18** | **P19** | **P20** | **Total Benar** | **Skor** |
| 23 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 | 90 |
| 24 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 85 |
| 25 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 11 | 55 |
| 26 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 9 | 45 |
| 27 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 40 |
| 28 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 25 |
| 29 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 45 |
| 30 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 10 | 50 |
| Total Benar | 28 | 22 | 21 | 16 | 12 | 18 | 16 | 20 | 19 | 15 | 22 | 18 | 12 | 18 | 15 | 17 | 19 | 21 | 16 | 22 |  | |