

S2 Table: Sleep study results, demographics, clinical characteristics, and optical study results of every patient measured.

| ID | Positional change | Patient type | AHI (n./hour) | Mean SpO ₂ (%) | ODI4 (%) | CT90 (%) | Male (yes=0) | Age (y.) | Weight (Kg) | Height (m) | Smoking (current/exsmoker=1) | AHT (yes=1) | DM (yes=1) | DLP (yes=1) | Epworth | rCBF (%) |
|----|-------------------|--------------|---------------|---------------------------|----------|----------|--------------|----------|-------------|------------|------------------------------|-------------|------------|-------------|---------|----------|
| 2 | 0° to 30° | severe | 74.8 | 92 | 63 | 19.3 | 0 | 65 | 88.6 | 1.65 | 1 | 1 | 0 | 0 | 8 | -21.03 |
| 2 | 30° to 0° | severe | 74.8 | 92 | 63 | 19.3 | 0 | 65 | 88.6 | 1.65 | 1 | 1 | 0 | 0 | 8 | -9.62 |
| 3 | 0° to 30° | severe | 99.5 | 92 | 73.7 | 22.8 | 1 | 63 | 94 | 1.59 | 0 | 1 | 1 | 0 | 15 | -24.64 |
| 3 | 30° to 0° | severe | 99.5 | 92 | 73.7 | 22.8 | 1 | 63 | 94 | 1.59 | 0 | 1 | 1 | 0 | 15 | 32.74 |
| 4 | 0° to 30° | severe | 82.5 | 91 | 75.8 | 25.8 | 0 | 54 | 87.6 | 1.65 | 1 | 1 | 0 | 0 | 14 | -15.58 |
| 4 | 30° to 0° | severe | 82.5 | 91 | 75.8 | 25.8 | 0 | 54 | 87.6 | 1.65 | 1 | 1 | 0 | 0 | 14 | -4.92 |
| 5 | 0° to 30° | severe | 74.2 | 94 | 78.4 | 10.8 | 0 | 54 | 86.2 | 1.76 | 1 | 1 | 0 | 0 | 7 | -21.3 |
| 5 | 30° to 0° | severe | 74.2 | 94 | 78.4 | 10.8 | 0 | 54 | 86.2 | 1.76 | 1 | 1 | 0 | 0 | 7 | 0.36 |
| 6 | 0° to 30° | severe | 72.8 | 89 | 68.9 | 38 | 0 | 73 | 90 | 1.61 | 0 | 1 | 0 | 0 | 6 | 4.93 |
| 6 | 30° to 0° | severe | 72.8 | 89 | 68.9 | 38 | 0 | 73 | 90 | 1.61 | 0 | 1 | 0 | 0 | 6 | 9.52 |
| 8 | 0° to 30° | severe | 91.1 | 86 | 88 | 58.6 | 0 | 49 | 152 | 1.81 | 1 | 0 | 0 | 0 | 23 | -10.59 |
| 8 | 30° to 0° | severe | 91.1 | 86 | 88 | 58.6 | 0 | 49 | 152 | 1.81 | 1 | 0 | 0 | 0 | 23 | 10.39 |
| 9 | 0° to 30° | severe | 96.2 | 90 | 85.3 | 41.7 | 1 | 47 | 79.4 | 1.6 | 0 | 0 | 0 | 0 | 20 | -7.64 |
| 9 | 30° to 0° | severe | 96.2 | 90 | 85.3 | 41.7 | 1 | 47 | 79.4 | 1.6 | 0 | 0 | 0 | 0 | 20 | 11.85 |
| 11 | 0° to 30° | severe | 79.8 | 92 | 66.2 | 23.1 | 0 | 69 | 100 | 1.73 | 1 | 0 | 1 | 1 | 9 | -16.17 |
| 11 | 30° to 0° | severe | 79.8 | 92 | 66.2 | 23.1 | 0 | 69 | 100 | 1.73 | 1 | 0 | 1 | 1 | 9 | 12.47 |
| 13 | 0° to 30° | severe | 78.1 | 93 | 72.4 | 16.9 | 0 | 58 | 114 | 1.81 | 1 | 1 | 0 | 0 | 9 | -28.33 |
| 13 | 30° to 0° | severe | 78.1 | 93 | 72.4 | 16.9 | 0 | 58 | 114 | 1.81 | 1 | 1 | 0 | 0 | 9 | 6.71 |
| 14 | 0° to 30° | severe | 97.5 | 95 | 96.3 | 14 | 0 | 48 | 110 | 1.79 | 1 | 1 | 0 | 0 | 10 | -28.5 |
| 14 | 30° to 0° | severe | 97.5 | 95 | 96.3 | 14 | 0 | 48 | 110 | 1.79 | 1 | 1 | 0 | 0 | 10 | 35.57 |
| 15 | 0° to 30° | severe | 93.7 | 91 | 31 | 27.4 | 1 | 67 | 118 | 1.62 | 1 | 1 | 0 | 1 | 2 | -24.74 |
| 15 | 30° to 0° | severe | 93.7 | 91 | 31 | 27.4 | 1 | 67 | 118 | 1.62 | 1 | 1 | 0 | 1 | 2 | 7.55 |

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|----|-----------|--------|------|----|------|------|---|----|------|------|---|---|---|---|----|--------|
| 16 | 0° to 30° | severe | 36.1 | 93 | 36.4 | 14 | 0 | 62 | 96.6 | 1.71 | 0 | 1 | 1 | 0 | 13 | -9.1 |
| 16 | 30° to 0° | severe | 36.1 | 93 | 36.4 | 14 | 0 | 62 | 96.6 | 1.71 | 0 | 1 | 1 | 0 | 13 | 4.81 |
| 19 | 0° to 30° | severe | 77.4 | 93 | 73.8 | 26 | 0 | 54 | 137 | 1.71 | 1 | 1 | 1 | 1 | 2 | 1.98 |
| 19 | 30° to 0° | severe | 77.4 | 93 | 73.8 | 26 | 0 | 54 | 137 | 1.71 | 1 | 1 | 1 | 1 | 2 | 14.9 |
| 20 | 0° to 30° | severe | 93.7 | 94 | 85.5 | 8.6 | 0 | 62 | 108 | 1.69 | 1 | 0 | 1 | 0 | 10 | -34.9 |
| 20 | 30° to 0° | severe | 93.7 | 94 | 85.5 | 8.6 | 0 | 62 | 108 | 1.69 | 1 | 0 | 1 | 0 | 10 | -16.73 |
| 25 | 0° to 30° | severe | 46.1 | 96 | 45.9 | 5.2 | 0 | 57 | 89 | 1.65 | 1 | 1 | 0 | 0 | 15 | -16.25 |
| 25 | 30° to 0° | severe | 46.1 | 96 | 45.9 | 5.2 | 0 | 57 | 89 | 1.65 | 1 | 1 | 0 | 0 | 15 | 22.15 |
| 26 | 0° to 30° | severe | 55 | 94 | 54.2 | 3.8 | 0 | 53 | 125 | 1.74 | 1 | 1 | 0 | 0 | 14 | -16.39 |
| 26 | 30° to 0° | severe | 55 | 94 | 54.2 | 3.8 | 0 | 53 | 125 | 1.74 | 1 | 1 | 0 | 0 | 14 | -0.76 |
| 27 | 0° to 30° | severe | 71.2 | 86 | 70.5 | 58.3 | 0 | 53 | 89 | 1.58 | 1 | 1 | 0 | 1 | 23 | -2.85 |
| 27 | 30° to 0° | severe | 71.2 | 86 | 70.5 | 58.3 | 0 | 53 | 89 | 1.58 | 1 | 1 | 0 | 1 | 23 | 35.96 |
| 28 | 0° to 30° | severe | 50 | 94 | 50.4 | 10 | 0 | 47 | 96 | 1.84 | 1 | 0 | 0 | 0 | 16 | -1.45 |
| 28 | 30° to 0° | severe | 50 | 94 | 50.4 | 10 | 0 | 47 | 96 | 1.84 | 1 | 0 | 0 | 0 | 16 | 11.25 |
| 29 | 0° to 30° | severe | 77 | 93 | 55.4 | 15.5 | 1 | 64 | 72 | 1.56 | 0 | 0 | 0 | 0 | 12 | -18.83 |
| 29 | 30° to 0° | severe | 77 | 93 | 55.4 | 15.5 | 1 | 64 | 72 | 1.56 | 0 | 0 | 0 | 0 | 12 | -5.32 |
| 30 | 0° to 30° | severe | 34.2 | 91 | 35.4 | 12.7 | 0 | 57 | 98.2 | 1.78 | 1 | 0 | 1 | 1 | 15 | -15.64 |
| 30 | 30° to 0° | severe | 34.2 | 91 | 35.4 | 12.7 | 0 | 57 | 98.2 | 1.78 | 1 | 0 | 1 | 1 | 15 | 12.76 |
| 32 | 0° to 30° | severe | 35 | 92 | 17.8 | 3.4 | 0 | 62 | 85.6 | 1.65 | 1 | 1 | 0 | 0 | 2 | -11.17 |
| 32 | 30° to 0° | severe | 35 | 92 | 17.8 | 3.4 | 0 | 62 | 85.6 | 1.65 | 1 | 1 | 0 | 0 | 2 | 15.4 |
| 33 | 0° to 30° | severe | 47 | 94 | 42.6 | 8.6 | 0 | 47 | 82 | 1.79 | 0 | 0 | 0 | 0 | 11 | -21.09 |
| 33 | 30° to 0° | severe | 47 | 94 | 42.6 | 8.6 | 0 | 47 | 82 | 1.79 | 0 | 0 | 0 | 0 | 11 | 5.75 |
| 35 | 0° to 30° | severe | 43 | 93 | 39 | 12 | 0 | 58 | 87 | 1.8 | 1 | 0 | 0 | 0 | 15 | -22.48 |
| 35 | 30° to 0° | severe | 43 | 93 | 39 | 12 | 0 | 58 | 87 | 1.8 | 1 | 0 | 0 | 0 | 15 | -2.62 |
| 37 | 0° to 30° | severe | 33 | 94 | 19.1 | 0 | 0 | 73 | 82.6 | 1.6 | 1 | 1 | 1 | 1 | 3 | -8.73 |
| 37 | 30° to 0° | severe | 33 | 94 | 19.1 | 0 | 0 | 73 | 82.6 | 1.6 | 1 | 1 | 1 | 1 | 3 | 7.35 |
| 45 | 0° to 30° | severe | 33.8 | 95 | 19.3 | 0.8 | 1 | 64 | 66 | 1.6 | 0 | 0 | 0 | 0 | 6 | -31.14 |

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|----|-----------|----------|------|----|------|------|---|----|------|------|---|---|---|---|----|--------|
| 45 | 30° to 0° | severe | 33.8 | 95 | 19.3 | 0.8 | 1 | 64 | 66 | 1.6 | 0 | 0 | 0 | 0 | 6 | -5.83 |
| 47 | 0° to 30° | severe | 71.5 | 91 | 64 | 31.4 | 0 | 61 | 118 | 1.66 | 1 | 1 | 1 | 1 | 14 | -1.73 |
| 47 | 30° to 0° | severe | 71.5 | 91 | 64 | 31.4 | 0 | 61 | 118 | 1.66 | 1 | 1 | 1 | 1 | 14 | 11.06 |
| 63 | 0° to 30° | severe | 92.1 | 90 | 92.6 | 43.3 | 0 | 47 | 93.2 | 1.72 | 1 | 0 | 0 | 0 | 22 | -36.02 |
| 63 | 30° to 0° | severe | 92.1 | 90 | 92.6 | 43.3 | 0 | 47 | 93.2 | 1.72 | 1 | 0 | 0 | 0 | 22 | -15.39 |
| 77 | 0° to 30° | severe | 69 | 93 | 59.6 | 21 | 1 | 61 | 75 | 1.6 | 0 | 0 | 0 | 0 | 11 | -15.29 |
| 77 | 30° to 0° | severe | 69 | 93 | 59.6 | 21 | 1 | 61 | 75 | 1.6 | 0 | 0 | 0 | 0 | 11 | 2.12 |
| 17 | 0° to 30° | moderate | 19.5 | 93 | 21.8 | 3 | 0 | 66 | 91 | 1.7 | 0 | 0 | 0 | 0 | 2 | -22.43 |
| 17 | 30° to 0° | moderate | 19.5 | 93 | 21.8 | 3 | 0 | 66 | 91 | 1.7 | 0 | 0 | 0 | 0 | 2 | 1.28 |
| 21 | 0° to 30° | moderate | 20 | 94 | 8.2 | 2 | 0 | 61 | 98 | 1.69 | 1 | 0 | 0 | 0 | 7 | -15.5 |
| 21 | 30° to 0° | moderate | 20 | 94 | 8.2 | 2 | 0 | 61 | 98 | 1.69 | 1 | 0 | 0 | 0 | 7 | 15.01 |
| 22 | 0° to 30° | moderate | 24 | 95 | 24.7 | 7 | 0 | 52 | 61 | 1.57 | 0 | 0 | 0 | 0 | 2 | -16.06 |
| 22 | 30° to 0° | moderate | 24 | 95 | 24.7 | 7 | 0 | 52 | 61 | 1.57 | 0 | 0 | 0 | 0 | 2 | 10.66 |
| 31 | 0° to 30° | moderate | 19 | 93 | 13.5 | 4 | 1 | 50 | 71 | 1.56 | 1 | 0 | 0 | 0 | NA | -18.27 |
| 31 | 30° to 0° | moderate | 19 | 93 | 13.5 | 4 | 1 | 50 | 71 | 1.56 | 1 | 0 | 0 | 0 | NA | 10.17 |
| 38 | 0° to 30° | moderate | 19 | 96 | 17 | 0.1 | 1 | 55 | 75 | 1.58 | 0 | 0 | 0 | 0 | 12 | -19.74 |
| 38 | 30° to 0° | moderate | 19 | 96 | 17 | 0.1 | 1 | 55 | 75 | 1.58 | 0 | 0 | 0 | 0 | 12 | 6.17 |
| 39 | 0° to 30° | moderate | 19.4 | 94 | 4.1 | 0 | 1 | 62 | 65 | 1.58 | 0 | 0 | 0 | 0 | 10 | -23.05 |
| 39 | 30° to 0° | moderate | 19.4 | 94 | 4.1 | 0 | 1 | 62 | 65 | 1.58 | 0 | 0 | 0 | 0 | 10 | 11.7 |
| 41 | 0° to 30° | moderate | 17.8 | 96 | 18.2 | 0.2 | 1 | 48 | 167 | 1.74 | 1 | 1 | 0 | 0 | 7 | -13.39 |
| 41 | 30° to 0° | moderate | 17.8 | 96 | 18.2 | 0.2 | 1 | 48 | 167 | 1.74 | 1 | 1 | 0 | 0 | 7 | 1 |
| 42 | 0° to 30° | moderate | 17.2 | 96 | 8.8 | 0 | 0 | 69 | 81 | 1.79 | 1 | 0 | 1 | 1 | 10 | -18.47 |
| 42 | 30° to 0° | moderate | 17.2 | 96 | 8.8 | 0 | 0 | 69 | 81 | 1.79 | 1 | 0 | 1 | 1 | 10 | 12.04 |
| 44 | 0° to 30° | moderate | 17 | 95 | 10.4 | 0.7 | 0 | 44 | 75 | 1.69 | 1 | 0 | 0 | 0 | 15 | -10.72 |
| 44 | 30° to 0° | moderate | 17 | 95 | 10.4 | 0.7 | 0 | 44 | 75 | 1.69 | 1 | 0 | 0 | 0 | 15 | 22.69 |
| 48 | 0° to 30° | moderate | 15.8 | 95 | 17.1 | 2.2 | 0 | 53 | 76 | 1.74 | 1 | 1 | 0 | 0 | 3 | -10.07 |

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|----|-----------|----------|------|----|------|-----|---|----|------|------|---|---|---|---|----|--------|
| 48 | 30° to 0° | moderate | 15.8 | 95 | 17.1 | 2.2 | 0 | 53 | 76 | 1.74 | 1 | 1 | 0 | 0 | 3 | 13.31 |
| 56 | 0° to 30° | moderate | 19 | 96 | 7 | 0.5 | 0 | 44 | 74 | 1.7 | 1 | 0 | 0 | 1 | 12 | -7.18 |
| 56 | 30° to 0° | moderate | 19 | 96 | 7 | 0.5 | 0 | 44 | 74 | 1.7 | 1 | 0 | 0 | 1 | 12 | 19.41 |
| 75 | 0° to 30° | moderate | 21 | 96 | 19 | 5.4 | 0 | 34 | 73 | 1.74 | 0 | 0 | 0 | 0 | 12 | -38.08 |
| 75 | 30° to 0° | moderate | 21 | 96 | 19 | 5.4 | 0 | 34 | 73 | 1.74 | 0 | 0 | 0 | 0 | 12 | -26.4 |
| 10 | 0° to 30° | mild | 14.3 | 96 | 0 | 0 | 0 | 52 | 65.8 | 1.71 | 1 | 1 | 0 | 0 | 17 | -7.55 |
| 10 | 30° to 0° | mild | 14.3 | 96 | 0 | 0 | 0 | 52 | 65.8 | 1.71 | 1 | 1 | 0 | 0 | 17 | 4.98 |
| 23 | 0° to 30° | mild | 8 | 94 | 5.1 | 0.3 | 0 | 76 | 74 | 1.71 | 1 | 0 | 1 | 1 | 2 | -20.12 |
| 23 | 30° to 0° | mild | 8 | 94 | 5.1 | 0.3 | 0 | 76 | 74 | 1.71 | 1 | 0 | 1 | 1 | 2 | -9.36 |
| 24 | 0° to 30° | mild | 10.9 | 95 | 11.2 | 2.6 | 0 | 69 | 81.1 | 1.71 | 1 | 1 | 1 | 0 | 9 | -30.71 |
| 24 | 30° to 0° | mild | 10.9 | 95 | 11.2 | 2.6 | 0 | 69 | 81.1 | 1.71 | 1 | 1 | 1 | 0 | 9 | 1.91 |
| 36 | 0° to 30° | mild | 9.4 | 96 | 9.3 | 0 | 0 | 50 | 75 | 1.85 | 1 | 0 | 0 | 0 | 10 | -33.13 |
| 36 | 30° to 0° | mild | 9.4 | 96 | 9.3 | 0 | 0 | 50 | 75 | 1.85 | 1 | 0 | 0 | 0 | 10 | -9.57 |
| 40 | 0° to 30° | mild | 13.8 | 93 | 13.6 | 0.3 | 0 | 58 | 91.8 | 1.7 | 1 | 0 | 0 | 1 | 12 | -15.65 |
| 40 | 30° to 0° | mild | 13.8 | 93 | 13.6 | 0.3 | 0 | 58 | 91.8 | 1.7 | 1 | 0 | 0 | 1 | 12 | 34.11 |
| 46 | 0° to 30° | mild | 14 | 91 | 8.5 | 10 | 1 | 53 | 94 | 1.69 | 1 | 0 | 0 | 0 | 11 | -30.47 |
| 46 | 30° to 0° | mild | 14 | 91 | 8.5 | 10 | 1 | 53 | 94 | 1.69 | 1 | 0 | 0 | 0 | 11 | 42.32 |
| 50 | 0° to 30° | mild | 12 | 94 | 4 | 0.2 | 0 | 49 | 92 | 1.79 | 1 | 0 | 0 | 0 | 14 | -26.11 |
| 50 | 30° to 0° | mild | 12 | 94 | 4 | 0.2 | 0 | 49 | 92 | 1.79 | 1 | 0 | 0 | 0 | 14 | 16.83 |
| 51 | 0° to 30° | mild | 5 | 96 | 2.9 | 0 | 0 | 43 | 125 | 1.74 | 1 | 0 | 0 | 0 | 14 | -9.9 |
| 51 | 30° to 0° | mild | 5 | 96 | 2.9 | 0 | 0 | 43 | 125 | 1.74 | 1 | 0 | 0 | 0 | 14 | 4.17 |
| 52 | 0° to 30° | mild | 14.7 | 97 | 13.7 | 0 | 0 | 51 | 87.4 | 1.75 | 0 | 0 | 0 | 0 | 6 | -29.52 |
| 52 | 30° to 0° | mild | 14.7 | 97 | 13.7 | 0 | 0 | 51 | 87.4 | 1.75 | 0 | 0 | 0 | 0 | 6 | -15.12 |
| 53 | 0° to 30° | mild | 13.3 | 97 | 13.3 | 0 | 1 | 51 | 65.6 | 1.63 | 0 | 0 | 1 | 0 | 12 | -13.22 |
| 53 | 30° to 0° | mild | 13.3 | 97 | 13.3 | 0 | 1 | 51 | 65.6 | 1.63 | 0 | 0 | 1 | 0 | 12 | -7.33 |
| 54 | 0° to 30° | mild | 6 | 94 | 6.6 | 0 | 1 | 51 | 50 | 1.64 | 1 | 0 | 0 | 1 | 8 | -17.48 |
| 54 | 30° to 0° | mild | 6 | 94 | 4 | 0 | 1 | 51 | 50 | 1.64 | 1 | 0 | 0 | 1 | 8 | 0.13 |

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|----|-----------|------|------|----|------|-----|---|----|------|------|---|---|---|---|----|--------|
| 55 | 0° to 30° | mild | 10.4 | 97 | 7.7 | 0 | 1 | 69 | 74 | 1.62 | 0 | 0 | 0 | 0 | 6 | -13.95 |
| 55 | 30° to 0° | mild | 10.4 | 97 | 7.7 | 0 | 1 | 69 | 74 | 1.62 | 0 | 0 | 0 | 0 | 6 | 7.94 |
| 57 | 0° to 30° | mild | 9 | 99 | 0.2 | 0 | 1 | 54 | 58 | 1.4 | 0 | 0 | 0 | 0 | 16 | -15.87 |
| 57 | 30° to 0° | mild | 9 | 99 | 0.2 | 0 | 1 | 54 | 58 | 1.4 | 0 | 0 | 0 | 0 | 16 | 1.96 |
| 58 | 0° to 30° | mild | 5.5 | 98 | 0.9 | 0 | 0 | 41 | 73 | 1.64 | 1 | 0 | 0 | 0 | 20 | -20.54 |
| 58 | 30° to 0° | mild | 5.5 | 98 | 0.9 | 0 | 0 | 41 | 73 | 1.64 | 1 | 0 | 0 | 0 | 20 | -12.77 |
| 59 | 0° to 30° | mild | 9.3 | 94 | 1.9 | 0.2 | 1 | 59 | 83.4 | 1.61 | 1 | 0 | 0 | 0 | 17 | -8.1 |
| 59 | 30° to 0° | mild | 9.3 | 94 | 1.9 | 0.2 | 1 | 59 | 83.4 | 1.61 | 1 | 0 | 0 | 0 | 17 | 16.99 |
| 60 | 0° to 30° | mild | 14 | 92 | 4 | 15 | 0 | 69 | 108 | 1.69 | 1 | 0 | 0 | 0 | 10 | -29.31 |
| 60 | 30° to 0° | mild | 14 | 92 | 4 | 15 | 0 | 69 | 108 | 1.69 | 1 | 0 | 0 | 0 | 10 | -4.55 |
| 61 | 0° to 30° | mild | 5 | 95 | 5.1 | 0 | 0 | 72 | 83 | 1.65 | 0 | 0 | 0 | 0 | 8 | -1.19 |
| 61 | 30° to 0° | mild | 5 | 95 | 5.1 | 0 | 0 | 72 | 83 | 1.65 | 0 | 0 | 0 | 0 | 8 | 8.84 |
| 62 | 0° to 30° | mild | 12.5 | 95 | 16 | 0.4 | 0 | 38 | 98 | 1.63 | 1 | 0 | 0 | 0 | 8 | -19 |
| 62 | 30° to 0° | mild | 12.5 | 95 | 16 | 0.4 | 0 | 38 | 98 | 1.63 | 1 | 0 | 0 | 0 | 8 | 1.26 |
| 65 | 0° to 30° | mild | 6 | 96 | 5.7 | 0 | 0 | 41 | 68 | 1.66 | 0 | 0 | 0 | 0 | 14 | -21.54 |
| 65 | 30° to 0° | mild | 6 | 96 | 5.7 | 0 | 0 | 41 | 68 | 1.66 | 0 | 0 | 0 | 0 | 14 | -4 |
| 67 | 0° to 30° | mild | 9.7 | 94 | 1 | 3.2 | 1 | 68 | 71 | 1.63 | 0 | 0 | 0 | 1 | 13 | -23.12 |
| 67 | 30° to 0° | mild | 9.7 | 94 | 1 | 3.2 | 1 | 68 | 71 | 1.63 | 0 | 0 | 0 | 1 | 13 | 16.07 |
| 68 | 0° to 30° | mild | 6 | 94 | 5.1 | 0 | 0 | 31 | 74 | 1.57 | 1 | 0 | 0 | 0 | 2 | -17.45 |
| 68 | 30° to 0° | mild | 6 | 94 | 5.1 | 0 | 0 | 31 | 74 | 1.57 | 1 | 0 | 0 | 0 | 2 | 10.94 |
| 69 | 0° to 30° | mild | 5.6 | 98 | 5.1 | 0 | 0 | 31 | 88 | 1.76 | 1 | 0 | 0 | 0 | 12 | -18.61 |
| 69 | 30° to 0° | mild | 5.6 | 98 | 5.1 | 0 | 0 | 31 | 88 | 1.76 | 1 | 0 | 0 | 0 | 12 | -3.29 |
| 70 | 0° to 30° | mild | 9 | 93 | 5.7 | 0 | 0 | 54 | 98 | 1.85 | 1 | 0 | 0 | 0 | 15 | 4.36 |
| 70 | 30° to 0° | mild | 9 | 93 | 5.7 | 0 | 0 | 54 | 98 | 1.85 | 1 | 0 | 0 | 0 | 15 | -0.75 |
| 71 | 0° to 30° | mild | 8 | 95 | 10.4 | 0 | 1 | 61 | 59.8 | 1.64 | 1 | 0 | 0 | 0 | 5 | -8.73 |
| 71 | 30° to 0° | mild | 8 | 95 | 10.4 | 0 | 1 | 61 | 59.8 | 1.64 | 1 | 0 | 0 | 0 | 5 | 13.22 |
| 73 | 0° to 30° | mild | 10.5 | 96 | 11.1 | 0 | 1 | 60 | 64 | 1.5 | 0 | 0 | 0 | 1 | 15 | -11.31 |

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|----|-----------|---------|------|----|------|----|---|----|------|------|---|---|---|---|----|--------|
| 73 | 30° to 0° | mild | 10.5 | 96 | 11.1 | 0 | 1 | 60 | 64 | 1.5 | 0 | 0 | 0 | 1 | 15 | -5.93 |
| 76 | 0° to 30° | mild | 7.6 | 97 | 0.2 | 0 | 0 | 36 | 65 | 1.71 | 0 | 0 | 0 | 0 | 16 | -31.22 |
| 76 | 30° to 0° | mild | 7.6 | 97 | 0.2 | 0 | 0 | 36 | 65 | 1.71 | 0 | 0 | 0 | 0 | 16 | -10.08 |
| 79 | 0° to 30° | mild | 9.4 | 96 | NA | NA | 0 | 62 | 91 | 1.81 | 0 | 0 | 0 | 0 | 15 | -10.17 |
| 79 | 30° to 0° | mild | 9.4 | 96 | NA | NA | 0 | 62 | 91 | 1.81 | 0 | 0 | 0 | 0 | 15 | 4.89 |
| 87 | 0° to 30° | mild | 10 | 95 | 10 | 0 | 1 | 57 | 57 | 1.53 | 0 | 0 | 0 | 0 | 5 | -23.86 |
| 87 | 30° to 0° | mild | 10 | 95 | 10 | 0 | 1 | 57 | 57 | 1.53 | 0 | 0 | 0 | 0 | 5 | 4.6 |
| 43 | 0° to 30° | control | 3.8 | 96 | 3.2 | 0 | 0 | 57 | 79.4 | 1.67 | 1 | 0 | 0 | 0 | 14 | -28.77 |
| 43 | 30° to 0° | control | 3.8 | 96 | 3.2 | 0 | 0 | 57 | 79.4 | 1.67 | 1 | 0 | 0 | 0 | 14 | -15.01 |
| 72 | 0° to 30° | control | 1 | 95 | 0 | 0 | 1 | 55 | 59 | 1.59 | 0 | 0 | 0 | 0 | 0 | -19.26 |
| 72 | 30° to 0° | control | 1 | 95 | 0 | 0 | 1 | 55 | 59 | 1.59 | 0 | 0 | 0 | 0 | 0 | -2.77 |
| 74 | 0° to 30° | control | 0 | 97 | 1 | 0 | 0 | 41 | 72 | 1.7 | 1 | 0 | 0 | 0 | NA | -8.03 |
| 74 | 30° to 0° | control | 0 | 97 | 1 | 0 | 0 | 41 | 72 | 1.7 | 1 | 0 | 0 | 0 | NA | -2.02 |
| 80 | 0° to 30° | control | 1 | 94 | 1 | 0 | 1 | 46 | 72 | 1.65 | 0 | 0 | 0 | 0 | 5 | -7.85 |
| 80 | 30° to 0° | control | 1 | 94 | 1 | 0 | 1 | 46 | 72 | 1.65 | 0 | 0 | 0 | 0 | 5 | -11.13 |
| 81 | 0° to 30° | control | 1.6 | 96 | 1 | 0 | 1 | 56 | 62 | 1.66 | 1 | 0 | 0 | 0 | 10 | -38.19 |
| 81 | 30° to 0° | control | 1.6 | 96 | 1 | 0 | 1 | 56 | 62 | 1.66 | 1 | 0 | 0 | 0 | 10 | -16.06 |
| 82 | 0° to 30° | control | 4 | 93 | 3.5 | 1 | 0 | 29 | 73 | 1.72 | 0 | 0 | 0 | 0 | 8 | -17.66 |
| 82 | 30° to 0° | control | 4 | 93 | 3.5 | 1 | 0 | 29 | 73 | 1.72 | 0 | 0 | 0 | 0 | 8 | 1.8 |
| 83 | 0° to 30° | control | 2.3 | 95 | 2 | 0 | 1 | 57 | 84 | 1.52 | 1 | 0 | 0 | 0 | 6 | -17.69 |
| 83 | 30° to 0° | control | 2.3 | 95 | 2 | 0 | 1 | 57 | 84 | 1.52 | 1 | 0 | 0 | 0 | 6 | -7.51 |
| 84 | 0° to 30° | control | 4 | 96 | 0.2 | 0 | 1 | 53 | 58 | 1.53 | 0 | 0 | 0 | 0 | 9 | -25.77 |
| 84 | 30° to 0° | control | 4 | 96 | 0.2 | 0 | 1 | 53 | 58 | 1.53 | 0 | 0 | 0 | 0 | 9 | -8.86 |
| 86 | 0° to 30° | control | 1 | 94 | 1 | 0 | 1 | 52 | 59 | 1.57 | 0 | 0 | 0 | 0 | 0 | -20.43 |
| 86 | 30° to 0° | control | 1 | 94 | 1 | 0 | 1 | 52 | 59 | 1.57 | 0 | 0 | 0 | 0 | 0 | -3.74 |
| 88 | 0° to 30° | control | 3 | 95 | 3.4 | 0 | 0 | 55 | 108 | 1.82 | 1 | 0 | 0 | 0 | 8 | 2.79 |
| 88 | 30° to 0° | control | 3 | 95 | 3.4 | 0 | 0 | 55 | 108 | 1.82 | 1 | 0 | 0 | 0 | 8 | 15.3 |

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|----|-----------|---------|-----|----|-----|---|---|----|----|------|---|---|---|---|----|--------|
| 89 | 0° to 30° | control | 1 | 95 | 0.8 | 0 | 0 | 40 | 71 | 1.74 | 0 | 0 | 0 | 0 | 7 | -12.19 |
| 89 | 30° to 0° | control | 1 | 95 | 0.8 | 0 | 0 | 40 | 71 | 1.74 | 0 | 0 | 0 | 0 | 7 | 12.13 |
| 91 | 0° to 30° | control | 3.9 | 98 | 0 | 0 | 1 | 29 | 45 | 1.69 | 0 | 0 | 0 | 0 | 16 | -21.68 |
| 91 | 30° to 0° | control | 3.9 | 98 | 0 | 0 | 1 | 29 | 45 | 1.69 | 0 | 0 | 0 | 0 | 16 | -3.91 |
| 92 | 0° to 30° | control | 1 | 96 | 0 | 0 | 1 | 26 | 58 | 1.62 | 0 | 0 | 0 | 0 | 0 | -17.1 |
| 92 | 30° to 0° | control | 1 | 96 | 0 | 0 | 1 | 26 | 58 | 1.62 | 0 | 0 | 0 | 0 | 0 | -9.32 |
| 93 | 0° to 30° | control | 4 | 96 | 3 | 0 | 1 | 58 | 59 | 1.58 | 0 | 0 | 0 | 1 | 5 | -9.76 |
| 93 | 30° to 0° | control | 4 | 96 | 3 | 0 | 1 | 58 | 59 | 1.58 | 0 | 0 | 0 | 1 | 5 | -10.6 |

AHI, apnea-hypopnea index; SpO₂, arterial oxygen saturation by pulse oximetry; ODI4, 4% oxygen desaturation index; CT90, % of total sleep time with SpO₂ lower than 90%; AHT, arterial hypertension; DM, diabetes mellitus; DLP, dyslipidemia; rCBF, relative cerebral blood flow.