

Supplementary Data

Table 1. Timed averaged mean of the maximum cerebral artery blood velocity in children with sickle cell disease

| Identity Number | Age (yrs) | Sex | Left | | | Right | | |
|-----------------|-----------|-----|------------|--------|------------|------------|--------|------------|
| | | | TAM (cm/s) | Artery | Depth (cm) | TAM (cm/s) | Artery | Depth (cm) |
| 1 | 5 | M | 227 | MCA | 50 | 192 | MCA | 42 |
| 2 | 6 | M | 180 | MCA | 46 | 212 | MCA | 40 |
| 3 | 12 | F | 204 | MCA | 40 | 154 | MCA | 60 |
| 4 | 5 | M | 259 | MCA | 36 | 85 | MCA | 36 |
| 5 | 8 | M | 207 | MCA | 42 | 189 | MCA | 50 |
| 6 | 9 | M | 224 | MCA | 52 | 240 | MCA | 52 |
| 7 | 3 | M | 190 | MCA | 44 | 227 | MCA | 48 |
| 8 | 7 | F | 170 | MCA | 48 | 173 | MCA | 44 |
| 9 | 11 | M | 179 | MCA | 52 | 174 | MCA | 40 |
| 10 | 7 | M | 177 | MCA | 52 | 183 | MCA | 48 |
| 11 | 4 | M | 184 | MCA | 40 | 181 | MCA | 44 |
| 12 | 4 | F | 171 | MCA | 42 | 188 | MCA | 48 |
| 13 | 5 | F | 178 | MCA | 44 | 176 | MCA | 48 |
| 14 | 9 | F | 192 | MCA | 42 | 179 | MCA | 46 |
| 15 | 10 | M | 174 | MCA | 48 | 170 | MCA | 46 |
| 16 | 2 | F | 170 | MCA | 44 | 196 | MCA | 46 |
| 17 | 7 | M | 176 | MCA | 54 | 114 | MCA | 42 |
| 18 | 6 | M | 176 | MCA | 48 | 183 | MCA | 48 |
| 19 | 5 | M | 176 | MCA | 42 | 179 | MCA | 42 |
| 20 | 12 | M | 118 | MCA | 48 | 140 | MCA | 52 |
| 21 | 9 | M | 118 | MCA | 42 | 127 | MCA | 44 |
| 22 | 5 | F | 163 | MCA | 44 | 160 | MCA | 48 |

| | | | | | | | | |
|----|----|---|-----|-----|----|-----|-----|----|
| 23 | 10 | F | 130 | MCA | 48 | 156 | MCA | 58 |
| 24 | 11 | F | 33 | MCA | 52 | 96 | MCA | 48 |
| 25 | 10 | F | 148 | MCA | 48 | 133 | MCA | 44 |
| 26 | 7 | F | 80 | MCA | 50 | 82 | MCA | 52 |
| 27 | 10 | F | 79 | MCA | 54 | 115 | MCA | 50 |
| 28 | 10 | F | 137 | MCA | 50 | 132 | MCA | 48 |
| 29 | 12 | M | 152 | MCA | 46 | 126 | MCA | 52 |
| 30 | 11 | F | 104 | MCA | 48 | 84 | MCA | 36 |
| 31 | 6 | F | 101 | MCA | 52 | 100 | MCA | 40 |
| 32 | 12 | M | 107 | MCA | 44 | 108 | MCA | 50 |
| 33 | 12 | M | 102 | MCA | 52 | 84 | MCA | 40 |
| 34 | 4 | F | 122 | MCA | 28 | 123 | MCA | 46 |
| 35 | 10 | F | 118 | MCA | 48 | 123 | MCA | 44 |
| 36 | 6 | F | 127 | MCA | 50 | 115 | MCA | 42 |
| 37 | 12 | M | 146 | MCA | 50 | 137 | MCA | 48 |
| 38 | 5 | F | 119 | MCA | 38 | 127 | MCA | 48 |
| 39 | 11 | F | 118 | MCA | 56 | 154 | MCA | 46 |
| 40 | 10 | M | 130 | MCA | 44 | 111 | MCA | 52 |
| 41 | 11 | M | 138 | MCA | 50 | 131 | MCA | 52 |
| 42 | 7 | F | 128 | MCA | 36 | 111 | MCA | 40 |
| 43 | 8 | F | 124 | MCA | 46 | 104 | MCA | 48 |
| 44 | 9 | M | 145 | MCA | 46 | 125 | MCA | 50 |
| 45 | 10 | M | 113 | MCA | 46 | 121 | MCA | 40 |
| 46 | 10 | F | 121 | MCA | 40 | 85 | MCA | 40 |
| 47 | 9 | M | 161 | MCA | 50 | 136 | MCA | 44 |
| 48 | 9 | M | 124 | MCA | 50 | 108 | MCA | 54 |
| 49 | 3 | M | 148 | MCA | 48 | 132 | MCA | 32 |
| 50 | 9 | M | 108 | MCA | 60 | 146 | MCA | 58 |
| 51 | 8 | F | 121 | MCA | 48 | 97 | MCA | 44 |

| | | | | | | | |
|----|----|---|-----|-----|----|-----|---------|
| 52 | 6 | F | 64 | MCA | 56 | 133 | MCA 50 |
| 53 | 13 | F | 110 | MCA | 42 | 129 | MCA 46 |
| 54 | 9 | F | 124 | MCA | 54 | 91 | MCA 58 |
| 55 | 4 | F | 143 | MCA | 38 | 141 | MCA 44 |
| 56 | 3 | F | 132 | MCA | 48 | 131 | MCA 44 |
| 57 | 9 | M | 144 | MCA | 48 | 132 | MCA 52 |
| 58 | 8 | M | 150 | MCA | 48 | 145 | MCA 44 |
| 59 | 8 | F | 132 | MCA | 42 | 118 | MCA 44 |
| 60 | 8 | M | 143 | MCA | 44 | 134 | MCA 44 |
| 61 | 4 | M | 161 | MCA | 44 | 147 | MCA 44 |
| 62 | 11 | M | 96 | MCA | 42 | 134 | MCA 52 |
| 63 | 12 | M | 97 | MCA | 52 | 98 | MCA 48 |
| 64 | 7 | M | 148 | MCA | 48 | 146 | MCA 44 |
| 65 | 15 | F | 117 | MCA | 52 | 104 | MCA 42 |
| 66 | 14 | M | 118 | MCA | 52 | 123 | MCA 58 |
| 67 | 4 | M | 144 | MCA | 38 | 144 | MCA 42 |
| 68 | 6 | F | 113 | MCA | 48 | 147 | MCA 46 |
| 69 | 9 | F | 136 | MCA | 46 | 127 | MCA 46 |
| 70 | 6 | M | 108 | MCA | 50 | 109 | MCA 46 |
| 71 | 12 | F | 162 | MCA | 50 | 61 | MCA 60 |
| 72 | 16 | F | 100 | MCA | 58 | 109 | MCA 54 |
| 73 | 14 | M | 127 | MCA | 50 | 123 | MCA 48 |
| 74 | 12 | M | 119 | MCA | 46 | 102 | MCA 44 |
| 75 | 16 | M | 119 | MCA | 50 | 123 | MCA 50 |
| 76 | 5 | M | 107 | MCA | 40 | 124 | MCA 52 |
| 77 | 5 | M | 152 | MCA | 40 | 74 | MCA 52 |
| 78 | 11 | F | 136 | MCA | 42 | 126 | MCA 50 |
| 79 | 14 | M | 126 | MCA | 48 | 89 | MCA 58 |
| 80 | 10 | F | 142 | MCA | 42 | 122 | dICA 54 |

| | | | | | | | | |
|-----|----|---|-----|------|----|-----|------|----|
| 81 | 12 | M | 150 | MCA | 48 | 139 | MCA | 44 |
| 82 | 10 | F | 66 | MCA | 50 | 108 | MCA | 42 |
| 83 | 13 | M | 75 | MCA | 38 | 108 | MCA | 50 |
| 84 | 6 | M | 146 | MCA | 28 | 120 | MCA | 54 |
| 85 | 2 | M | 110 | MCA | 48 | 101 | MCA | 44 |
| 86 | 10 | M | 147 | MCA | 42 | 121 | MCA | 50 |
| 87 | 5 | M | 124 | MCA | 48 | 111 | MCA | 46 |
| 88 | 11 | M | 95 | MCA | 48 | 76 | MCA | 46 |
| 89 | 14 | M | 157 | MCA | 58 | 132 | dICA | 60 |
| 90 | 7 | F | 106 | MCA | 50 | 101 | MCA | 50 |
| 91 | 8 | F | 73 | dICA | 60 | 114 | MCA | 44 |
| 92 | 12 | F | 122 | MCA | 54 | 107 | MCA | 48 |
| 93 | 9 | F | 116 | MCA | 41 | 115 | MCA | 55 |
| 94 | 4 | M | 104 | MCA | 52 | 129 | MCA | 42 |
| 95 | 2 | M | 122 | MCA | 36 | 114 | MCA | 42 |
| 96 | 8 | F | 91 | MCA | 30 | 157 | MCA | 52 |
| 97 | 12 | M | 153 | MCA | 50 | 150 | MCA | 50 |
| 98 | 11 | M | 85 | MCA | 44 | 85 | MCA | 44 |
| 99 | 15 | M | 130 | MCA | 46 | 125 | MCA | 48 |
| 100 | 12 | M | 113 | MCA | 48 | 95 | MCA | 54 |
| 101 | 14 | M | 91 | MCA | 48 | 135 | MCA | 44 |
| 102 | 15 | M | 130 | MCA | 46 | 111 | MCA | 50 |
| 103 | 11 | M | 113 | dICA | 52 | 132 | MCA | 46 |
| 104 | 10 | M | 135 | MCA | 44 | 119 | MCA | 40 |
| 105 | 6 | F | 114 | MCA | 48 | 124 | MCA | 44 |
| 106 | 6 | F | 86 | MCA | 52 | 101 | MCA | 42 |
| 107 | 7 | F | 44 | MCA | 38 | 86 | MCA | 44 |
| 108 | 12 | F | 104 | MCA | 52 | 104 | MCA | 50 |
| 109 | 6 | M | 84 | MCA | 32 | 142 | MCA | 46 |

| | | | | | | | | |
|-----|----|---|-----|-----|----|------------|------------|-----------|
| 110 | 11 | F | 143 | MCA | 46 | 136 | MCA | 50 |
| 111 | 12 | F | 68 | MCA | 40 | 90 | MCA | 50 |
| 112 | 12 | F | 148 | MCA | 48 | 148 | MCA | 48 |
| 113 | 6 | M | 130 | MCA | 46 | 116 | MCA | 56 |
| 114 | 10 | M | 111 | MCA | 44 | 92 | MCA | 42 |
| 115 | 5 | M | 121 | MCA | 44 | <u>104</u> | <u>MCA</u> | <u>42</u> |

Total 115 Abnormal $\geq 200\text{cm/s}$ Conditional 170-199cm/s Normal $<170\text{cm/s}$
M: Males 65 7 (6%) 12 (10%) 96 (84%)
F: Females 50

MCA: middle cerebral artery dICA: distal internal carotid artery

Supplementary Data

Table 2. Peak systolic blood velocity in cerebral arteries of children with sickle cell disease

| Identity Number | Age | | RMCA | RICA | LMCA | LICA | Comment |
|--------------------|-------|-----|------|------|------|------|---------|
| | (Yrs) | Sex | | | | | |
| 116 | 13 | M | 272 | 103 | 214 | 133 | A |
| 117 | 8 | F | 181 | 265 | 169 | 155 | A |
| 118 | 10 | F | 129 | 148 | 117 | 71 | |
| 119 | 6 | M | 114 | 52 | 82 | 82 | |
| 120 | 12 | M | 181 | 36 | 189 | 57 | |
| 121 | 3 | F | 205 | 152 | 248 | 117 | C |
| 122 | 16 | F | 141 | 74 | 149 | 201 | C |
| 123 | 8 | M | 214 | | 172 | 102 | C |
| 124 | 16 | M | 134 | 125 | 144 | 139 | |
| 125 | 8 | M | 158 | 109 | 155 | 132 | |
| 126 | 11 | F | 199 | 221 | 196 | 193 | C |
| 127 | 9 | M | 239 | 163 | 169 | 175 | |
| 128 | 15 | M | 147 | 143 | 160 | 136 | |
| 129 | 13 | M | 116 | 115 | 104 | 107 | |
| 130 | 8 | M | 176 | 87 | 156 | 162 | |
| 131 | 9 | F | 198 | 81 | 188 | 198 | |
| 132 | 14 | F | 146 | 101 | 141 | 107 | |
| 133 | 6 | M | 178 | 95 | 96 | 92 | |
| 134 | 13 | M | 166 | 100 | 108 | 105 | |
| 135 | 6 | M | 169 | 195 | 176 | 173 | |
| 136 | 3 | F | 149 | | 192 | 195 | |
| 137 | 5 | F | 218 | | 234 | 221 | C |
| 138 | 13 | M | 162 | 172 | 159 | 107 | |

| | | | | | | | |
|-----|----|---|-----|-----|-----|-----|---|
| 139 | 11 | M | 132 | 103 | 202 | 201 | C |
| 140 | 5 | M | 164 | 132 | 159 | 181 | |
| 141 | 5 | M | 168 | | 136 | | |
| 142 | 5 | F | 168 | | 131 | | |
| 143 | 12 | M | 166 | 180 | 220 | | C |
| 144 | 13 | M | 128 | 141 | 153 | 146 | |
| 145 | 10 | F | 116 | | 152 | | |
| 146 | 13 | M | 133 | | 127 | | |
| 147 | 4 | F | 139 | 157 | 156 | 157 | |
| 148 | 5 | M | 208 | 185 | 190 | 182 | C |
| 149 | 16 | F | 110 | 112 | 128 | 155 | |
| 150 | 10 | M | 136 | 104 | 155 | 182 | |
| 151 | 11 | M | 112 | 58 | 137 | 128 | |
| 152 | 9 | M | 106 | 99 | 141 | 158 | |
| 153 | 6 | F | 180 | 183 | 204 | 204 | C |
| 154 | 5 | M | 139 | 145 | 151 | 164 | |
| 155 | 10 | F | 176 | 172 | 175 | 179 | |
| 156 | 9 | F | 192 | 172 | 162 | 187 | |
| 157 | 10 | M | 300 | 224 | 161 | 132 | A |
| 158 | 7 | M | 220 | 120 | 130 | 189 | C |
| 159 | 9 | F | 226 | 194 | 198 | 188 | C |
| 160 | 10 | F | 214 | 258 | 136 | 99 | C |
| 161 | 16 | F | 103 | 51 | 96 | 65 | |
| 162 | 5 | M | 324 | 248 | 241 | 240 | A |
| 163 | 16 | M | 199 | 144 | 124 | 104 | |
| 164 | 14 | M | 185 | 181 | 63 | 93 | |
| 165 | 5 | M | 64 | 70 | 75 | 103 | |

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|-----|----|---|-----|-----|-----|-----|---|
| 166 | 14 | F | 218 | 209 | 186 | 193 | C |
| 167 | 2 | M | 151 | 128 | 122 | | |
| 168 | 6 | M | 186 | 163 | 159 | 153 | |
| 169 | 14 | F | 211 | | 204 | 200 | C |
| 170 | 16 | M | 144 | 148 | 127 | 143 | |
| 171 | 13 | M | 157 | 119 | 157 | 130 | |
| 172 | 15 | M | 175 | 122 | 91 | 157 | |
| 173 | 3 | M | 162 | 161 | 144 | 191 | |
| 174 | 4 | F | 202 | 141 | 180 | 146 | |
| 175 | 14 | F | 240 | 246 | 224 | 61 | C |
| 176 | 16 | F | 146 | 178 | 112 | 82 | |
| 177 | 10 | M | 114 | 84 | 156 | 114 | |
| 178 | 15 | M | 189 | | | | |
| 179 | 12 | M | 169 | | 114 | 105 | |
| 180 | 11 | M | 154 | | 152 | | |
| 181 | 3 | M | 230 | 178 | 198 | 211 | |
| 182 | 12 | M | 128 | 136 | 148 | 85 | |
| 183 | 3 | M | 151 | 159 | 70 | 105 | |
| 184 | 4 | M | 280 | 313 | 129 | 286 | A |
| 185 | 5 | F | 146 | 168 | 90 | 118 | |
| 186 | 3 | F | 139 | 150 | 120 | 219 | C |
| 187 | 9 | F | 125 | 174 | 56 | 104 | |
| 188 | 10 | F | 120 | 122 | 128 | 173 | |
| 189 | 3 | M | 84 | 118 | 58 | 145 | |
| 190 | 2 | M | 184 | 206 | 131 | 192 | C |
| 191 | 9 | M | 184 | 126 | 142 | 129 | |
| 192 | 2 | M | 108 | 174 | 174 | 138 | |

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|-----|----|---|-----|-----|-----|-----|---|
| 193 | 14 | M | 34 | 95 | 57 | 83 | |
| 194 | 12 | M | 126 | 110 | 142 | | |
| 195 | 15 | M | 145 | 115 | 111 | 80 | |
| 196 | 5 | F | 53 | 60 | 80 | 60 | |
| 197 | 14 | F | 145 | 57 | 84 | 109 | |
| 198 | 10 | F | 236 | 219 | 97 | 61 | C |
| 199 | 16 | F | 50 | 63 | 90 | 78 | |
| 200 | 7 | F | 202 | 225 | 180 | 103 | C |
| 201 | 9 | M | 200 | 234 | 181 | 179 | C |
| 202 | 6 | F | 236 | 213 | 182 | 182 | C |
| 203 | 5 | F | 141 | 108 | 139 | 139 | |
| 204 | 10 | M | 213 | 108 | 91 | 89 | C |
| 205 | 13 | M | 150 | 153 | 177 | 162 | |
| 206 | 15 | M | 94 | 107 | 121 | 108 | |
| 207 | 14 | F | 160 | 81 | 83 | 161 | |
| 208 | 7 | M | 181 | 178 | 177 | 160 | |
| 209 | 8 | F | 177 | 181 | 177 | 177 | |
| 210 | 16 | F | 177 | 139 | 122 | 177 | |
| 211 | 16 | F | 90 | 113 | 139 | 96 | |
| 212 | 8 | F | 173 | 168 | 175 | 138 | |
| 213 | 7 | F | 152 | 98 | 161 | 90 | |
| 214 | 5 | F | 145 | | 129 | | |
| 215 | 8 | F | 228 | | 186 | 162 | C |
| 216 | 3 | F | 120 | 197 | 135 | 176 | |
| 217 | 7 | F | 112 | 63 | 149 | 231 | C |
| 218 | 5 | M | 248 | 227 | 263 | 140 | A |
| 219 | 5 | F | 155 | 65 | 171 | 138 | |

| | | | | | | | |
|-----|----|---|---------------------|-----|-----|---------------------|---|
| 210 | 3 | F | 222 | 208 | 144 | 219 | C |
| 211 | 6 | M | 105 | 177 | 150 | 143 | |
| 212 | 7 | M | 152 | 163 | 182 | 157 | |
| 213 | 2 | M | 80 | 66 | 79 | 102 | |
| 214 | 5 | M | 143 | 115 | 98 | | |
| 215 | 3 | M | 133 | | 148 | 149 | |
| 216 | 8 | F | 204 | | | 206 | C |
| 217 | 5 | F | 174 | 70 | 118 | 48 | |
| 218 | 9 | M | 211 | 179 | 156 | 191 | |
| 219 | 3 | M | 73 | 142 | 94 | 61 | |
| 220 | 7 | M | 106 | 110 | 145 | 161 | |
| 221 | 5 | M | 155 | 142 | 103 | 125 | |
| 222 | 8 | M | 124 | 101 | 173 | | |
| 223 | 6 | M | 132 | 77 | 76 | 151 | |
| 224 | 4 | F | 239 | 94 | 237 | 207 | C |
| 225 | 7 | M | 184 | 126 | 142 | 129 | |
| 226 | 6 | M | 155 | | 147 | 199 | |
| 227 | 14 | M | 185 | 179 | 121 | 154 | |
| 228 | 11 | M | 163 | 149 | 140 | 183 | |
| 229 | 11 | M | 177 | 169 | 163 | 192 | |
| 230 | 15 | M | 149 | | 164 | 205 | |
| 231 | 9 | M | 181 | 171 | 174 | 177 | |
| 232 | 5 | M | 174 | 165 | 184 | 130 | |
| 233 | 6 | M | 167 | 169 | 171 | 188 | |
| 234 | 3 | F | 147 | | 146 | | |
| 235 | 8 | F | 197 | | 80 | | |
| 236 | 15 | M | 141 | 121 | 178 | 177 | |

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|-----|----|---|-----|-----|-----|-----|---|
| 237 | 15 | F | 182 | 141 | 163 | 105 | |
| 238 | 4 | M | 144 | 87 | 113 | 84 | |
| 239 | 10 | F | 187 | 89 | 51 | 71 | |
| 240 | 3 | M | 69 | 98 | 94 | 94 | |
| 241 | 15 | M | 137 | 154 | 98 | 74 | |
| 242 | 4 | M | 184 | 169 | 162 | 209 | C |
| 243 | 12 | F | 175 | 120 | 111 | 86 | |
| 244 | 13 | F | 83 | 73 | 80 | 72 | |
| 245 | 8 | F | 215 | 234 | 238 | 211 | C |
| 246 | 2 | M | 128 | 123 | 119 | 98 | |
| 247 | 16 | F | 52 | 110 | 91 | 94 | |
| 248 | 6 | M | 162 | 149 | 162 | | |
| 249 | 4 | F | 202 | 158 | 202 | | C |
| 250 | 13 | M | 178 | 127 | 64 | 115 | |
| 251 | 8 | M | 106 | 89 | 90 | 118 | |
| 252 | 6 | M | 129 | 138 | 104 | 90 | |
| 253 | 13 | M | 86 | 68 | 105 | 183 | |
| 254 | 16 | F | 41 | 94 | 85 | 134 | |
| 255 | 16 | F | 87 | 83 | 65 | 86 | |
| 256 | 16 | M | 102 | 98 | 89 | 89 | |
| 257 | 12 | M | 98 | | 82 | | |
| 258 | 16 | M | 109 | 92 | 98 | 103 | |
| 259 | 8 | F | 117 | 127 | 125 | 128 | |
| 260 | 10 | M | 208 | 196 | 193 | 208 | C |
| 261 | 6 | M | 250 | 213 | 215 | 125 | A |
| 262 | 6 | M | 190 | 182 | 195 | 172 | |
| 263 | 6 | F | 131 | 141 | 138 | 131 | |

| | | | | | | | |
|-----|----|---|-----|-----|-----|-----|---|
| 264 | 4 | M | 176 | 168 | 184 | 188 | |
| 265 | 16 | M | 160 | 160 | 143 | 147 | |
| 266 | 3 | F | 157 | | 130 | | |
| 267 | 13 | M | 115 | 107 | 93 | 119 | |
| 268 | 9 | F | 182 | 106 | 119 | 106 | |
| 269 | 12 | M | 219 | 150 | 216 | 136 | C |
| 270 | 10 | F | 124 | 172 | 152 | 179 | |
| 271 | 2 | F | 196 | 165 | 173 | 165 | |
| 272 | 14 | F | 190 | 167 | 162 | 151 | |
| 273 | 4 | M | 125 | 155 | 123 | 83 | |
| 274 | 3 | M | 155 | 154 | 175 | 171 | |
| 275 | 2 | M | 74 | 160 | 106 | 95 | |
| 276 | 16 | M | 136 | 140 | 148 | 151 | |
| 277 | 11 | F | 163 | 164 | 114 | 143 | |
| 278 | 10 | F | 170 | 155 | 149 | 118 | |
| 279 | 2 | F | 125 | 134 | 179 | 175 | |
| 280 | 9 | F | 151 | 206 | 111 | 134 | C |
| 281 | 11 | F | 170 | 160 | 164 | 138 | |
| 282 | 9 | M | 163 | 153 | 118 | 120 | |
| 283 | 2 | M | 127 | 105 | 169 | 149 | |
| 284 | 15 | M | 171 | 175 | 167 | 164 | |
| 285 | 7 | M | 99 | 112 | 79 | 73 | |
| 286 | 5 | M | 80 | 123 | 112 | 85 | |
| 287 | 9 | M | 112 | 101 | 104 | 113 | |
| 288 | 14 | M | 143 | 143 | 186 | 159 | |
| 289 | 10 | M | 90 | 81 | 109 | 103 | |
| 290 | 12 | M | 168 | 108 | 206 | 83 | C |

| | | | | | | | |
|-----|----|---|-----|-----|-----|-----|---|
| 291 | 8 | M | 89 | 81 | 113 | 81 | |
| 292 | 10 | F | 160 | 130 | 159 | 131 | |
| 293 | 4 | M | 219 | 157 | 246 | 246 | C |
| 294 | 12 | M | 126 | 135 | 160 | 116 | |
| 295 | 5 | M | 228 | 162 | 172 | 128 | C |
| 296 | 6 | F | 173 | 95 | 123 | 104 | |
| 297 | 5 | F | 182 | 128 | 152 | 139 | |
| 298 | 14 | M | 179 | 92 | 171 | 151 | |

Total Number of children: 193

Males (M):117

Females (F): 76

A: Abnormal ≥ 250 cm/s

C: Conditional 200-249 cm/s

Normal <200 cm/s

7 (3.8%)

36 (19.7%)

150 (76.5%)

RMCA: right middle cerebral artery

LMCA: left middle cerebral artery

RICA: right internal carotid artery

LICA: left middle cerebral artery