Factors associated with left ventricular hypertrophy in children with sickle cell disease: results from the DISPLACE study

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Supplemental Table 1: Baseline demographic, clinical and laboratory characteristics of the DISPLACE cohort comparing children who were included in the Echocardiographic study and those excluded.

| Variable          | Number | Echocardiogram | No echocardiogram | P value |
|-------------------|--------|----------------|-------------------|---------|
| Number (%)        | 5428   | 1412 (26.0)    | 4016 (73.9)       |         |
| Age               | 3480   | 8.5±4.5        | 5.8±4.5           | <0.0001 |
| Sex, n(%)*        |        |                |                   | 0.2886  |
| Male              | 2724   | 725 (51.4)     | 1999 (49.8)       |         |
| Female            | 2702   | 685 (48.6)     | 685 (48.5)        |         |
| Race, n(%)*       |        |                |                   | 0.3325  |
| Black             | 5142   | 1332 (95.7)    | 3810 (95.0)       |         |
| White             | 67     | 21 (1.5)       | 46 (1.2)          |         |
| Others            | 16     | 1 (0.1)        | 15 (0.4)          |         |
| Unknown           | 194    | 53 (3.8)       | 141 (3.5)         |         |
| Insurance, n (%)  |        |                |                   | 0.4758  |
| Medicaid          | 2498   | 756 (71.8)     | 1742 (70.5)       |         |
| Others            | 973    | 285 (27.1)     | 688 (27.9)        |         |
| None              | 52     | 12 (1.1)       | 40 (1.6)          |         |
| Hemoglobin (g/dl) | 3258   | 8.7 (7.8, 9.6) | 8.6 (7.8, 9.5)   | 0.3598  |
| Reticulocyte count (per 1000) | 2011 | 297.0 (194.4, 408.0) | 295.0 (191.0, 349.0) | 0.4696 |

Abbreviations: n(%)- number(percent), † value reported is median and Interquartile range, # value reported is mean ± 2standard deviation, * value reported is frequency and percentage of total.