Table S1: Demographics and Baseline Characteristics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Placebo (N=12) | 20 µg (N=18) | 100 µg (N=18) | Overall (N=48) |
| **Clinical site, n (%)** |  |  |  |  |
| George Washington University | 6 (50.0) | 9 (50.0) | 9 (50.0) | 24 (50.0) |
| Fred Hutchinson Cancer Research Center | 6 (50.0) | 9 (50.0) | 9 (50.0) | 24 (50.0) |
| **Sex at Birth, n (%)** |  |  |  |  |
| Female | 6 (50.0) | 5 (27.8) | 12 (66.7) | 23 (47.9) |
| Male | 6 (50.0) | 13 (72.2) | 6 (33.3) | 25 (52.1) |
| **Gender, n (%)** |  |  |  |  |
| Female | 6 (50.0) | 4 (22.2) | 8 (44.4) | 18 (37.5) |
| Male | 5 (41.7) | 13 (72.2) | 6 (33.3) | 24 (50.0) |
| Transgender Male | 0 (0.0) | 1 (5.6) | 3 (16.7) | 4 (8.3) |
| Transgender Female | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| Gender Queer | 1 (8.3) | 0 (0.0) | 0 (0.0) | 1 (2.1) |
| Gender Variant or Non-Conforming | 0 (0.0) | 0 (0.0) | 1 (5.6) | 1 (2.1) |
| Self-Identify | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| Preferred not to Answer | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| **Ethnicity, n (%)** |  |  |  |  |
| Not Hispanic and Not Latino | 10 (83.3) | 17 (94.4) | 15 (83.3) | 42 (87.5) |
| Hispanic or Latino | 2 (16.7) | 1 (5.6) | 3 (16.7) | 6 (12.5) |
| **Race, n (%)** |  |  |  |  |
| White | 8 (66.7) | 15 (83.3) | 10 (55.6) | 33 (68.8) |
| Black or African American | 1 (8.3) | 1 (5.6) | 2 (11.1) | 4 (8.3) |
| Asian | 1 (8.3) | 2 (11.1) | 2 (11.1) | 5 (10.4) |
| American Indian or Alaska Native | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| Native Hawaiian or Other Pacific Islander | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| Multiracial1 | 2 (16.7) | 0 (0.0) | 3 (16.7) | 5 (10.4) |
| Other/Unknown | 0 (0.0) | 0 (0.0) | 1 (5.6) | 1 (2.1) |
| **Age (years) at First Vaccination** |  |  |  |  |
| N | 12 | 18 | 18 | 48 |
| Mean (SD) | 29.1 (8.04) | 31.9 (8.80) | 28.4 (6.22) | 29.9 (7.72) |
| Median | 27.0 | 28.5 | 28.0 | 27.0 |
| Range | 18-46 | 22-48 | 19-40 | 18-48 |
| **Height (cm)** |  |  |  |  |
| N | 12 | 18 | 18 | 48 |
| Mean (SD) | 170.6 (7.43) | 174.6 (10.12) | 167.5 (8.63) | 171.0 (9.30) |
| Median | 169.1 | 173.8 | 166.3 | 170.0 |
| Range | 160.0-183.5 | 160.0-195.6 | 152.4-185.4 | 152.4-195.6 |
| **Weight (kg)** |  |  |  |  |
| N | 12 | 18 | 18 | 48 |
| Mean (SD) | 77.8 (15.97) | 77.6 (10.94) | 72.2 (16.26) | 75.6 (14.35) |
| Median | 74.4 | 76.3 | 70.3 | 72.7 |
| Range | 56.4-103.4 | 58.5-105.7 | 51.8-115.0 | 51.8-115.0 |
| **BMI (kg/m2)** |  |  |  |  |
| N | 12 | 18 | 18 | 48 |
| Mean (SD) | 26.7 (5.26) | 25.5 (3.25) | 25.5 (3.99) | 25.8 (4.04) |
| Median | 25.2 | 26.0 | 25.3 | 25.6 |
| Range | 20.0-34.7 | 18.5-29.5 | 19.9-33.6 | 18.5-34.7 |

*N = Total number of volunteers in the randomized population within each group  
n = Number of volunteers  
% = Percentage of volunteers per group in each category, i.e., 100 x n/N  
1 Volunteers claiming to be of more than one race are classed as multiracial*