**Online supplement**

**Chest CT Scan Findings in World Trade Center Workers**

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Table OS1. Comparison between the Mount Sinai WTC cohort\* (MS WTC, n=17,489, as of December 2014, from reference 6), and the WTC Chest CT Imaging Archive subcohort (WTC Chest CT, n=1641). Bivariate analyses included t tests, and Chi square tests, as appropriate.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | MS WTC | | WTC Chest CT | |  |
| **Variable** | **Value or units** | **Mean or n** | **SD or %** | **Mean or n** | **SD or %** | **p** |
| Age on 9/11/2001 | Years | 43.26 | 9.12 | 46.11 | 9.27 | <.001 |
| BMI at visit 1 | kg/m2 | 29.72 | 5.17 | 29.29 | 5.11 | 0.002 |
| Height | cm | 179.90 | 9.30 | 172.04 | 9.86 | <.001 |
| Smoking intensity | <25 pack-years | 15,006 | 93.00 | 1,280 | 89.64 | <.0001 |
| >=25 pack-years | 1,130 | 7.00 | 148 | 10.36 |  |
| Gender | Male | 14,753 | 84.36 | 1,355 | 82.77 | 0.093 |
| Female | 2,736 | 15.64 | 282 | 17.23 |  |
| Educational Level | Unknown | 1,475 | 8.43 | 240 | 14.75 | <.0001 |
| No high school diploma | 3,884 | 22.21 | 451 | 27.72 |  |
| High school diploma | 6,835 | 39.08 | 493 | 30.30 |  |
| Some college | 4,711 | 26.94 | 385 | 23.66 |  |
| College graduate | 584 | 3.34 | 58 | 3.56 |  |
| Smoking Status | Lifetime nonsmoker | 10,183 | 59.97 | 868 | 53.48 | <.0001 |
| Former Smoker | 2,752 | 16.21 | 334 | 20.58 |  |
| Current Smoker | 4,045 | 23.82 | 421 | 25.94 |  |
| Race/ ethnicity | Latino | 4,797 | 27.43 | 569 | 34.76 | <.0001 |
| Non-Latino white | 8,956 | 51.21 | 864 | 52.78 |  |
| Non-Latino other | 3,736 | 21.36 | 204 | 12.46 |  |
| Probable PTSD | No | 13,911 | 82.95 | 938 | 66.01 | <.0001 |
| Yes | 2,860 | 17.05 | 483 | 33.99 |  |

\* From: de la Hoz RE, Jeon Y, Miller GE, Wisnivesky JP, Celedón JC. Post-traumatic stress disorder, bronchodilator response, and incident asthma in World Trade Center rescue and recovery workers. *Am J Respir Crit Care Med* 2016;194:1383-1391.