

**Supplementary Table 5. Baseline characteristics of participants with DCMC**

| Characteristic                   | Unmatched cohort     |                         |    | Matched cohort       |                         |    |
|----------------------------------|----------------------|-------------------------|----|----------------------|-------------------------|----|
|                                  | High TC<br>(n=9,108) | Normal TC<br>(n=36,574) | SD | High TC<br>(n=5,393) | Normal TC<br>(n=17,723) | SD |
| <b>Age group (yr)</b>            |                      |                         |    |                      |                         |    |
| 1–4                              | 28.7                 | 51.2                    | 47 | 35.1                 | 34.1                    | 2  |
| 5–9                              | 41.9                 | 26.5                    | 33 | 38.0                 | 38.9                    | 2  |
| 10–14                            | 29.3                 | 22.4                    | 16 | 26.8                 | 27.0                    | 0  |
| <b>Sex</b>                       |                      |                         |    |                      |                         |    |
| Female                           | 49.8                 | 42.2                    | 15 | 49.7                 | 49.7                    | 0  |
| <b>Race</b>                      |                      |                         |    |                      |                         |    |
| Korean                           | 99.8                 | 99.5                    | 5  | 99.8                 | 99.7                    | 2  |
| <b>Medical history</b>           |                      |                         |    |                      |                         |    |
| Acute respiratory disease        | 13.7                 | 18.3                    | 12 | 14.1                 | 13.8                    | 1  |
| Gastroesophageal reflux disease  | 0.9                  | 0.7                     | 2  | 0.9                  | 0.7                     | 2  |
| Gastrointestinal hemorrhage      | 0.1                  | 0.2                     | 2  | 0.1                  | 0.1                     | 2  |
| Obesity                          | 1.3                  | 0.5                     | 8  | 1.2                  | 1.1                     | 2  |
| Pneumonia                        | 8.8                  | 12.5                    | 12 | 9.1                  | 9.0                     | 1  |
| Urinary tract infectious disease | 1.2                  | 3.7                     | 16 | 1.3                  | 1.2                     | 0  |
| Visual system disorder           | 10.2                 | 12.0                    | 6  | 10.4                 | 10.2                    | 1  |
| Heart disease                    | 0.4                  | 5.9                     | 32 | 0.4                  | 0.5                     | 1  |
| <b>Medication history</b>        |                      |                         |    |                      |                         |    |
| Antibiotics                      | 32.3                 | 52.0                    | 41 | 33.2                 | 32.4                    | 2  |
| Antidepressants                  | 2.1                  | 1.0                     | 8  | 2.2                  | 1.9                     | 2  |
| Antiepileptics                   | 1.1                  | 1.0                     | 1  | 1.1                  | 1.1                     | 0  |
| Anti-inflammatory drug           |                      |                         |    |                      |                         |    |
| Antithrombotic agents            | 3.9                  | 5.0                     | 6  | 4.0                  | 4.1                     | 0  |
| Beta-blocking agents             | 0.2                  | 0.1                     | 0  | 0.2                  | 0.2                     | 1  |
| Diuretics                        | 0.3                  | 0.4                     | 3  | 0.2                  | 0.2                     | 0  |
| Antiacids                        | 10.3                 | 8.5                     | 6  | 10.3                 | 10.0                    | 1  |
| Drugs in diabetics               | 0.1                  | 0.1                     | 0  | 0.1                  | 0.1                     | 0  |
| Immunosuppressants               | 0.1                  | 0.1                     | 2  | 0.1                  | 0.1                     | 0  |
| Opioids                          | 1.5                  | 1.0                     | 4  | 1.5                  | 1.6                     | 0  |
| Psycholeptics                    | 13.0                 | 11.4                    | 5  | 13.4                 | 13.6                    | 1  |

Values are presented as percentage.

KDH, Kangdong Sacred Heart Hospital; TC, total cholesterol; SD, standard deviation.