Table 4. Effect of haemoglobin (g/dL) depending on gender and age, presence of anaemia and duration of treatment

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | |
|  |  | **Vitamin B12** | |  |  |  | **Folic acid** | |  |
| **Outcome** | **N** | **Mean** | **[95% CI]** | ***I2* (%)** |  | **N** | **Mean** | **[95% CI]** | ***I2* (%)** |
| **Total group** | 343 | 0.00 | [-0.19 ; 0.18] | 0 |  | 929 | -0.09 | [-0.19 ; 0.01] | 0 |
| **Gender** |  |  |  |  |  |  |  |  |  |
| Men | 142 | -0.12 | [-0.45 ; 0.22] | 0 |  | 632 | -0.13 | [-0.25 ; 0] | 76 |
| Women | 201 | 0.10 | [-0.09 ; 0.29] | 0 |  | 297 | -0.05 | [-0.20 ; 0.11] | 0 |
| P*Interaction* |  |  | 0.577 |  |  |  |  | 0.545 |  |
| **Age (years)** |  |  |  |  |  |  |  |  |  |
| <60 | 30 | 0.20a | [-0.27 ; 0.66] | NA |  | 396 | -0.07b | [-0.21 ; 0.06] | NA |
| 60-69 | 21 | -0.64a | [-1.70 ; 0.42] | NA |  | 415 | -0.05 | [-0.20 ; 0.10] | 45 |
| 70-79 | 164 | -0.04 | [-0.30 ; 0.22] | 1 |  | 107 | -0.16 | [-0.48 ; 0.17] | 0 |
| ≥80 | 128 | 0.13 | [-0.16 ; 0.41] | 0 |  | 10 | -0.47c | [-1.39 ; 0.45] | NA |
| P*Interaction* |  |  | 0.793 |  |  |  |  | 0.836 |  |
| **Anemia\*** | 59 | -0.04 | [-0.20 ; 0.13] | 0 |  | 54 | -0.19 | [-0.30 ; -0.07] | 94 |
| **MCV (fL)** |  |  |  |  |  |  |  |  |  |
| <80 | 6 | NA | NA | NA |  | 14 | 0.06 | [-0.32 ; 0.44] | NA |
| 80-100 | 274 | -0.00 | [-0.03 ; 0.03] | 0 |  | 849 | -0.09 | [-0.10 ; -0.08] | 97% |
| ≥100 | 12 | -0.34 | [-0.90 ; 0.22] | NA |  | 42 | 0.03 | [-0.11 ; 0.17] | NA |
| **Duration of treatment** |  |  |  |  |  |  |  |  |  |
| ≤ 4 weeks | 206 | -0.01 | [-0.25 ; 0.23] | 0 |  | 24 | 0.00 | [-0.47 ; 0.47] | NA |
| > 4 weeks | 292 | -0.00 | [-0.19 ; 0.19] | 0 |  | 905 | -0.09 | [-0.20 ; 0.01] | 0 |
| Data are presented as pooled mean difference (95% confidence interval) in change in haemoglobin during follow-up between active treatment and placebo group.  a Only data on study by Hvas et al. [(30)]  b Only data on study by Durga et al.[(32)]  c Only data on study by Ntaios et al.[(34)] | | | | | | | | | |