

| Disease | Group comparison | Monocyte counts comparison | PMID # |
|----------------|----------------------------------|---|---------------|
| CVD | HDL, 2nmol/L vs. <1nmol/L | 3.65 x 10 ⁸ vs. 4.5x10 ⁸ cells/dL | 18629357 |
| AMI | CT vs. AMI | 4.97 x 10 ⁸ vs. 7.93 x10 ⁸ cells/dL | 23455782 |
| AMI | 5h AMI vs. 1-2 day AMI | 4.56 x 10 ⁸ vs. 7.11 x10 ⁸ cells/dL | 11788214 |
| | None vs. Pump failure | 6.05 x 10 ⁸ vs. 9.41 x10 ⁸ cells/dL | |
| | None vs. LV aneurysm | 6.82 x 10 ⁸ vs. 8.61 x10 ⁸ cells/dL | |
| CKD | CKD without CVD vs. CKD with CVD | 6.97 x 10 ⁸ vs. 5.71 x10 ⁸ cells/dL | 18160960 |
| AMI | LVF recovery vs. LVF no recovery | 6.42 x 10 ⁸ vs. 10.13 x10 ⁸ cells/dL | 17652884 |
| CAD | Healthy vs. CAD vs. AMI | 5.17 x 10 ⁸ vs. 5.42 x10 ⁸ vs. 6.72 x10 ⁸ cells/dL | 16612453 |

Table 1. Monocytosis in human disease. Circulating total MC counts were examined in human disease as indicated. Comparisons were made between described groups in CVD, and MC counts. We used PMID # to cite individual manuscripts reporting these studies. AMI, acute myocardial infarction; CAD, coronary arterial disease; CKD, chronic kidney disease; CK, creatine kinase; CRP, C-reactive protein; CVD, cardiovascular disease; LVF, left ventricular failure. PMID, PubMed Identification.