Additional file 5 - Median values of blood pressure and pulse at each point time and change to intervention start (D1, D2).

|  |  |  | TO | T1 | T2 | D1 (change T1-T0) | D2 (change T2-T0) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Systolic blood pressure (mmHg) | PM | median (range) | $\begin{aligned} & 120.0 \\ & (107 \text { to } 140) \end{aligned}$ | $\begin{aligned} & 123.0 \\ & (93 \text { to 136) } \end{aligned}$ | $\begin{aligned} & 122.5 \\ & (103 \text { to } 136) \end{aligned}$ | $\begin{aligned} & -3.0 \\ & (-27 \text { to18 }) \end{aligned}$ | $\begin{aligned} & 3.0 \\ & (-17 \text { to } 20) \end{aligned}$ |
|  |  | n | 17 | 18 | 16 | 17 | 15 |
|  | CON | median <br> (range) | $\begin{aligned} & 128.0 \\ & (112 \text { to 140) } \end{aligned}$ | $\begin{aligned} & 117.0 \\ & (108 \text { to 136) } \end{aligned}$ | $\begin{aligned} & 118.0 \\ & (105 \text { to 130) } \end{aligned}$ | $\begin{aligned} & -5.0^{*} \\ & (-24 \text { to } 8) \\ & \hline \end{aligned}$ | $\begin{aligned} & -4.5 \\ & (-20 \text { to } 7) \\ & \hline \end{aligned}$ |
|  |  | n | 13 | 13 | 10 | 13 | 10 |
|  |  | $p$-value ${ }^{\text {a }}$ (group differences) | 0.32 | 0.67 | 0.25 | 0.41 | 0.11 |
| Diastolic blood pressure (mmHg) | PM | median (range) | $\begin{array}{\|l\|} \hline 62.0 \\ \text { (53 to } 77 \text { ) } \\ \hline \end{array}$ | $\begin{aligned} & 59.5 \\ & (57 \text { to } 77) \end{aligned}$ | $\begin{array}{\|l\|} \hline 70.0 \\ \text { (57 to 85) } \end{array}$ | $\begin{aligned} & -3.0 \\ & (-12 \text { to } 20) \end{aligned}$ | $\begin{aligned} & 7.0 \\ & (-8 \text { to } 28) \end{aligned}$ |
|  |  | n | 17 | 18 | 16 | 17 | 15 |
|  | CON | median (range) | $\begin{array}{\|l\|} \hline 67.0 \\ \text { (53 to } 82 \text { ) } \\ \hline \end{array}$ | $\begin{aligned} & 65.0 \\ & (54 \text { to } 78) \end{aligned}$ | $\begin{array}{\|l\|} \hline 65.5 \\ (53 \text { to } 85) \\ \hline \end{array}$ | $\begin{aligned} & -1.0 \\ & (-17 \text { to } 11) \end{aligned}$ | $\begin{aligned} & 0.5 \\ & (-10 \text { to } 9) \end{aligned}$ |
|  |  | n | 13 | 13 | 10 | 13 | 10 |
|  |  | $p$-value ${ }^{\text {a }}$ (group differences) | 0.19 | 0.42 | 0.63 | 0.95 | 0.16 |
| Pulse (per min) | PM | median <br> (range) | $\begin{aligned} & 82.0 \\ & (62 \text { to } 108) \end{aligned}$ | $\begin{aligned} & 90.5 \\ & (59 \text { to 121) } \end{aligned}$ | $\begin{array}{\|l\|} \hline 89.5 \\ (61 \text { to } 120) \\ \hline \end{array}$ | $\begin{aligned} & \hline 4.0 \\ & (-14 \text { to } 26) \\ & \hline \end{aligned}$ | $\begin{aligned} & 0.0 \\ & (-23 \text { to } 40) \end{aligned}$ |
|  |  | n | 17 | 18 | 16 | 17 | 15 |
|  | CON | median <br> (range) | $\begin{array}{\|l\|} \hline 82.5 \\ (56 \text { to } 124) \\ \hline \end{array}$ | $\begin{aligned} & 77.0 \\ & \text { (55 to 92) } \end{aligned}$ | $\begin{aligned} & 65.0 \\ & (51 \text { to 104) } \end{aligned}$ | $\begin{aligned} & \hline-1.0 \\ & (-34 \text { to } 11) \\ & \hline \end{aligned}$ | $\begin{aligned} & -7.0 \\ & (-38 \text { to } 33) \\ & \hline \end{aligned}$ |
|  |  | n | 12 | 12 | 10 | 11 | 9 |
|  |  | $p$-value ${ }^{a}$ (group differences) | 0.63 | 0.042 | 0.029 | 0.07 | 0.12 |

* $p$-values $<0.05$, ** $p$-values $<0.001$
${ }^{\text {a }} \mathrm{p}$-values testing the significance of group differences at each time point, and of group differences in change (null hypothesis: medians of both groups are equal)

PM: PathMate group, CON: Control group, T0: intervention start, T1 and T2: 5.5 and 12 months after intervention start, respectively

