**Online Resource 3. Baseline clinical characteristics**

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| Baseline clinical characteristics (n=100) |
| Patients |
| 　Age, years | 68.4±13.5 |
| 　Men | 80 (80.0%) |
| 　Body mass index, kg/m2 | 24.0±3.2 |
| 　Hypertension | 64 (64.0%) |
| 　Dyslipidaemia | 62 (62.0%) |
| 　Diabetes mellitus | 46 (46.0%) |
| 　Smoking | 61 (61.0%) |
| 　Family history of coronary artery disease | 15 (15.0%) |
| Lesion characteristics |  |
| 　Lesion location |  |
| 　　Left anterior descending artery | 49 (49.0%) |
| 　　Left circumflex artery | 18 (18.0%) |
| 　　Right coronary artery | 33 (33.0%) |
| Optical coherence tomography analysis |  |
| 　　Lesion length, mm | 32.0 (20.0-45.1) |
| 　　Minimum lumen area, mm2 | 1.15 (0.84-1.50) |
| 　　Reference lumen area, mm2 | 5.96 (4.53-7.09) |
| 　　Per cent area stenosis, % | 88.2 (83.2-91.6) |
| Values are mean ± standard deviation, median (interquartile range), or n (%) |