## Supplementary material: concurrent CCI cases (age, sex, culprit lesion, treatment options, mRS in hospital and at 90 days) Results

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Name/REF | age | sex | Culprit  heart | Culprit  Brain | Treatment  tPA PCI MTE | | | MRS  discharg | MRS  90 d | 1st event |
| 1 | Bao C-h (10) | 75 | M | LCX | NS | Y | DES | N | 0 | 6 | MI |
| 2 | Bao C-h (10) | 84 | M | RCA | NS | Y | A,DES | N | 4 | NR | CVA |
| 3 | Habib M(11) | 61 | M | LAD | LMCA | Y | B,DES | Y | 1 | 0 | MI |
| 4 | Nakajima H(12) | 86 | F | RCA | LMCA | N | A | Y | 4 | NR | SYN |
| 5 | Chong CZ(13) | 45 | M | LAD | RICA | N | DES | Y | NR | 3 | SYN |
| 6 | Chong CZ(13) | 53 | M | LAD | LMCA | N | DES | Y | NR | 5 | SYN |
| 7 | Chong CZ(13) | 71 | F | LAD | PCA | N | DES | Y | NR | 6 | SYN |
| 8 | Chong CZ(13) | 55 | M | NR | LMCA | Y | NO | N | NR | 1 | SYN |
| 9 | Chong CZ(13) | 57 | M | NR | LMCA | Y | NO | N | NR | 1 | SYN |
| 10 | Chong CZ(13) | 51 | M | LAD | LMCA | Y | DES | N | 0 | 0 | SYN |
| 11 | Chong CZ(13) | 70 | M | NR | PCA | N | NO | N | NR | 6 | SYN |
| 12 | Chong CZ(13) | 45 | M | LAD | LMCA | Y | DES | N | NR | 1 | SYN |
| 13 | Chong CZ(13) | 67 | M | LAD | NS | N | DES | N | NR | 1 | SYN |
| 14 | Chong CZ(13) | 76 | M | NR | RMCA | N | NO | N | NR | 6 | SYN |
| 15 | Ibekwe E(14) | 43 | M | LAD | LMCA | N | NO | N | 6 | 6 | CVA |
| 16 | Ibekwe E(14) | 80 | F | NR | LMCA | Y | NO | N | 5 | 6 | CVA |
| 17 | Ibekwe E(14) | 72 | M | NR | LMCA | N | NO | N | 6 | 6 | CVA |
| 18 | Eskandarani R(15) | 62 | M | NR | LCCA | N | NO | N | 6 | 6 | CVA |
| 19 | Eskandarani R(15) | 50 | M | NR | NR | N | NO | N | 5 | NR | CVA |
| 20 | Eskandarani R(15) | 50 | M | NR | LMCA | N | NO | N | 2 | NR | CVA |
| 21 | Eskandarani R(15) | 67 | F | NR | RICA | NR | NO | N | 6 | 6 | SYN |
| 22 | Eskandarani R(15) | 56 | M | NR | RICA | N | NO | N | 5 | NR | MI |
| 23 | Iqbal P(16) | 65 | M | NR | LMCA | Y | NO | N | NR | NR | CVA |
| 24 | Abe S(17) | 73 | F | RCA | LMCA | Y | NO | Y | 2 | 2 | CVA |
| 25 | Katsuki M(18) | 72 | M | RCA | PCA | N | NO | N | 5 | NR | MI |
| 26 | Gungoren F(19) | 69 | M | LAD | LMCA | Y | DES | N | 2 | NR | SYN |
| 27 | Obaid O(12) | 41 | F | LAD | LMCA | Y | A,DES | N | 5 | NR | CVA |
| 28 | Sakuta K(21) | 55 | F | RCA | LMCA | N | B | Y | 3 | 3 | CVA |
| 29 | Wan Asyraf WZ(22) | 33 | M | NR | LMCA | Y | NO | N | 1 | NR | CVA |
| 30 | Chen KW(23) | 76 | M | LAD | RICA | Y | A | Y | 1 | NR | CVA |
| 31 | Nardai S(24) | 67 | F | LAD | LMCA | N | DES | Y | 1 | NR | CVA |
| 32 | Seiya Nagao(25) | 86 | F | LCX | LMCA | Y | DES | Y | 3 | NR | CVA |
| 33 | Cabral M(26) | 46 | F | RCA | LICA | N | B,A,DES | N | NR | NR | MI |
| 34 | Plata-Corona JC(27) | 46 | M | LAD | RMCA | Y | DES | Y | 2 | 0 | CVA |
| 35 | Yeo LL(28) | 45 | M | LAD | RICA | N | DES | Y | NR | 3 | MI |
| 36 | Yeo LL(28) | 53 | M | LAD | LMCA | N | BMS | Y | NR | 5 | CVA |
| 37 | Yeo LL(28) | 71 | F | LAD | PCA | N | DES | Y | 6 | 6 | CVA |
| 38 | Yeo LL(28) | 55 | M | NR | LMCA | Y | NO | N | 1 | 1 | CVA |
| 39 | Yeo LL(28) | 57 | M | NR | LMCA | Y | NO | N | 1 | 1 | CVA |
| 40 | Kijpaisalratana N(29) | 65 | M | LCX | RMCA | Y | DES | N | NR | NR | CVA |
| 41 | Kijpaisalratana N(29) | 64 | M | LAD | RMCA | N | B | N | 6 | 6 | SYN |
| 42 | Hosoya H(30) | 50 | M | NR | NR | N | NO | N | NR | NR | MI |
| 43 | Maciel R(31) | 44 | M | NR | RMCA | Y | NO | N | 3 | 2 | MI |
| 44 | Wee CK(32) | 49 | M | RCA | PCA | N | A | N | 5 | 2 | CVA |
| 45 | Tokuda K(33) | 87 | F | RCA | RMCA | N | A | Y | NR | 3 | CVA |
| 46 | González- H(34) | 66 | F | RCA | NR | Y | B | N | NR | NR | SYN |
| 47 | Hashimoto O(35) | 84 | M | LAD | NR | N | A | N | 2 | NR | SYN |
| 48 | Kim HL(36) | 58 | M | LAD | LMCA | N | A,DES | N | NR | NR | CVA |
| 49 | Kleczyński P(37) | 62 | M | LAD | NR | N | A,B | N | NR | NR | MI |
| 50 | Omar HR(38) | 48 | M | NR | PCA | N | NO | N | 6 | 6 | SYN |
| 51 | Khairy M(39) | 70 | F | NR | NR | Y | NO | N | 6 | 6 | SYN |
| 52 | Lee Kijeong(40) | 54 | M | RCA | RMCA | Y | DES | Y | 6 | 6 | CVA |
| 53 | Yusuf M(41) | 56 | M | RCA | NR | N | DES | N | NR | 1 | MI |
| 54 | Bhandari M(42) | 38 | M | NR | LMCA | N | NO | N | 6 | 6 | MI |
| 55 | Mai Duy T(43) | 79 | M | RCA | NS | Y | A | N | 2 | NR | CVA |
| 56 | Bersano A(44) | 70 | F | NR | RMCA | N | NO | N | 4 | 1 | SYN |
| 57 | T. NISHIMURA(45) | 50 | F | RCA | RMCA | N | NO | N | 2 | NR | MI |
| 58 | Grogono J(46) | 39 | F | LAD | NR | N | NO | N | 1 | NR | SYN |
| 59 | Almasi M(47) | 78 | F | RCA | ACA | Y | A,BMS | N | NR | NR | CVA |
| 60 | Karunathilake P(48) | 59 | F | NR | NR | N | NO | N | 3 | 3 | MI |
| 61 | Polo Taborda(49) | 64 | F | NR | RMCA | Y | NO | N | NR | NR | CVA |
| 62 | Nguyen TL(50) | 60 | M | RCA | LCCA | N | NO | N | NR | NR | SYN |
| 63 | Loffi M(51) | 69 | F | LCX | LICA | Y | A | N | 6 | 6 | CVA |
| 64 | Yong TH(52) | 53 | M | RCA | RMCA | N | DES | N | 1 | 1 | SYN |
| 65 | Yong TH(52) | 61 | M | LCX | LICA | N | DES | N | 5 | 4 | CVA |
| 66 | Yong TH(52) | 80 | M | RCA | NR | N | DES | N | 2 | 1 | CVA |
| 67 | Kawano H(53) | 49 | M | NS | RMCA | N | NO | N | 6 | 6 | SYN |
| 68 | Wang X(54) | 72 | F | NR | RICA | N | NO | N | 6 | 6 | CVA |
| 69 | Chlapoutakis GN(55) | 50 | F | NS | NS | N | NO | N | 1 | 1 | CVA |
| 70 | Koneru S(56) | 50 | M | NR | LICA | N | NO | N | 1 | 1 | CVA |
| 71 | Wallace EL(57) | 70 | M | RCA | LICA | Y | A,BMS | N | NR | NR | CVA |
| 72 | Meissner W(58) | 62 | F | LAD | RMCA | Y | B | N | 6 | 6 | CVA |
| 73 | Sweta A(59) | 78 | M | NR | RMCA | Y | NO | N | 6 | 6 | CVA |
| 74 | Sweta A(59) | 58 | F | NR | LMCA | Y | NO | N | 6 | 6 | CVA |
| 75 | Yang CJ(60) | 79 | M | RCA | LMCA | Y | B,DES | N | 2 | NR | CVA |
| 76 | Brz˛eczekM(61) | 62 | M | RCA | LMCA | NR | A,DES | N | 1 | NR | MI |
| 77 | Manea MM(62) | 87 | F | RCA | RMCA | Y | A,DES | N | 6 | 6 | CVA |
| 78 | Cai X-Q(63) | 59 | M | LAD | RICA | Y | DES | Y | 1 | 1 | MI |
| 79 | Fitzek S(64) | 88 | F | NR | RMCA | Y | NO | N | 6 | 6 | CVA |
| 80 | Mehdiratta M(65) | 65 | F | NR | RMCA | Y | NO | N | 6 | 6 | CVA |
| 81 | Mehdiratta M(65) | 81 | F | LAD | LMCA | Y | B,DES | N | 6 | 6 | CVA |
| 82 | Mehdiratta M(65) | 75 | F | NS | RMCA | Y | NO | N | NR | NR | CVA |
| 83 | Y-Hassan S(66) | 67 | F | NS | PCA | N | NO | Y | 2 | 2 | SYN |
| 84 | Wang B(67) | 84 | M | LAD | PCA | Y | DES | N | 1 | NR | CVA |
| 85 | Stafford P J(68) | 69 | F | NR | NR | Y | NO | N | 6 | 6 | MI |
| 86 | Stafford P J(68) | 57 | M | NR | NR | Y | NO | N | 6 | 6 | MI |
| 87 | Peng H(69) | 60 | M | RCA | NR | Y | DES | N | 1 | 1 | SYN |
| 88 | Chang GY(70) | 56 | M | NR | LMCA | Y | NO | N | NR | NR | MI |
| 89 | O. Kawarada(71) | 64 | F | LAD | RMCA | N | A,DES | Y | 1 | 1 | MI |
| 90 | Sihite T A(72) | 69 | M | LAD | NR | N | DES | N | 1 | NR | MI |
| 91 | ABUHEIT E(73) | 49 | M | RCA | RMCA | N | DES | Y | 4 | 1 | MI |
| 92 | Abdi IA(74) | 51 | M | NR | RMCA | Y | NO | N | 2 | 1 | MI |
| 93 | de Castillo LLC(75) | 56 | M | NR | PCA | Y | DES | N | 2 | 1 | CVA |
| 94 | de Castillo LLC(75) | 56 | M | NR | PCA | N | NO | N | 2 | 2 | CVA |
| 95 | de Castillo LLC(75) | 56 | M | NR | PCA | N | NO | N | 6 | 6 | CVA |
| 96 | de Castillo LLC(75) | 56 | M | NR | NR | N | NO | N | 6 | 6 | CVA |
| 97 | de Castillo LLC(75) | 56 | F | NR | NR | N | NO | N | 6 | 6 | CVA |
| 98 | de Castillo LLC(75) | 56 | F | NR | NR | N | NO | N | 4 | 2 | CVA |
| 99 | de Castillo LLC(75) | 56 | F | NR | NR | N | NO | N | 4 | NR | CVA |
| 100 | de Castillo LLC(75) | 56 | F | NR | NR | N | NO | N | 4 | NR | CVA |
| 101 | de Castillo LLC(75) | 56 | F | NR | NR | N | NO | N | 4 | NR | MI |
| 102 | M. Habib(76) | 72 | M | RCA | RMCA | Y | DES | Y | 1 | 6 | MI |
| 103 | OUR CASE | 63 | M | LAD | RVA | N | DES | Y | 0 | 0 | MI |
| 104 | OUR CASE | 67 | M | LAD | RMCA | N | DES | Y | 0 | 0 | MI |

N: not done, NR: not reported, NS: non-significant lesion, Y: yes- done, M: male, F: female, LAD: left anterior descending artery, RCA: right coronary artery, LCX: left circumflex, RMCA: right middle cerebral artery, LMCA: left middle cerebral artery, PCA: posterior cerebral artery, ACA: anterior cerebral artery, RICA: right internal carotid artery, LICA: left internal carotid artery, LCCA: left common carotid artery, RVA; right vertebral artery. A: thrombus aspiration, B: balloon angioplasty, DES: drug eluting stent, BMS: bare-metal stent, SYN: synchronized.