**Supplementary Table 2. Flowchart of study procedures and evaluations.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study Period/Location | Pre-operative | | Operating room | | | | | | | ICU | | ICU | ICU or Ward | ICU | ICU or Ward | ICU | ICU | Last visit |
| Visit Name | Selec- tion | Inc-lusion | Pre-Induc. | Post-Induc. | Pre-Bypass | Bypass  1 | Bypass 2 | Post-Bypass | End Anest. | ICU admission | H-12  visit | | H-24  visit | H-36  visit | H-48  visit | H-60  visit | ICU  discharge | Hospital discharge  (or 30th postoperative day ± 1) |
| Short Name (Mandatory/Optional) | V0  M | V1  M | V2  M | V3  M | V4  M | V5  M | V6  M | V7  M | V8  M | V9  M | V10  M | | V11  M | V12  O | V13  M | V14  O | V15  M | V16  M |
| Medical History | x |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  | x |
| Physical Examination | x (a) | x |  |  |  |  |  |  |  | x | x | | x | x | x | x | x | x |
| Vital Signs | x | x |  |  |  |  |  |  |  |  | Twice-a-day after tracheal extubation | | | | | | x | x |
| 12-lead ECG |  | x |  |  |  |  |  |  |  | x | x | | x |  | x |  | x | x |
| Echocardiography |  | x (b) |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |
| Criteria checked | x | x |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |
| Monitoring (c) |  |  | <----------------------------------------------------------------- | | | | | | | -------------------- | | | + / − | ---------- | +/− | --------- | -------> |  |
| Blood / local  laboratory |  | x  (deg) | x  (dfh) | x  (h) | x  (h) | x  (fh) | x  (fh) |  | x  (hf) | x  (dfh) | x  (dh) | | x  (def) |  | x  (def) |  | x  (def) | x  (ef) |
| Blood / central laboratory |  |  | x  (dei) |  |  |  |  |  |  | x  (d) | x  (d) | | x  (dei) |  | x  (dei) |  | x  (dei) |  |
| Hemodynamic |  |  | x | x | x | Mean BP | Mean BP | x | x | x | x | | x | x | x | x |  |  |
| **Randomization** |  |  |  | **♦** |  |  |  |  |  |  |  | | | | | |  |  |
| **Study treatment** |  |  |  |  |  | Propofol during CPB | |  |  |  |  | |  |  |  |  |  |  |
| Concurrent medications | x | x |  |  |  |  |  |  | x |  |  | | x |  | x |  | x | x |
| Adverse events |  | x | x | x | x | x | x | x | x | x | x | | x | x | x | x | x | x |

BP, blood pressure; H, hour after end of surgery; ICU, intensive care unit; M/O, mandatory or optional visit, V, visit.

(a) weight/height during V0 visit; (b) if left ventricular function assessment not available; (c) ECG, SpO2, systemic artery pressure line, central venous pressure line, temperature, urine output. In operating room only: BIS index, inspired and/or end-tidal concentrations of O2, CO2 (all patients), xenon (xenon group) and sevoflurane (sevoflurane group); (d) cTnI or cTnT (local laboratory), cTnI (central laboratory), and CK-MB; (e) creatinine, ALT, AST, ALP, GGT, bilirubin; (f) hemoglobin, hematocrit; (g) pregnancy test (if applicable); (h) arterial and venous blood gases; (i) NT-proBNP, CRP.