**Additional file 1. Materials for the Maquet and Sorin ECMO circuits.**

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| --- | --- | --- | --- |
| **Component** | **Manufacturer** | **Model** | **Material** |
| Oxygenator | Maquet | Adult Quadrox PLS\* | Polymethyl pentane hollow fibers with Bioline† coating |
| Pump | Maquet | Centrifugal pump | Polycarbonate |
| Tubing | Maquet | PLS\* tubing | Bioline†-coated polyvinylchloride |
| Cannula | Maquet | Arterial cannula | Bioline†-coated polyvinylchloride |
| Oxygenator | Sorin | D905 EOS ECMO | Polymethyl pentane hollow fibers with phosphorylcholine coating |
| Pump | Sorin | Revolution 5 centrifugal pump | Polycarbonate |
| Tubing | Sorin | Smart tubing | Phosphorylcholine-coated polyvinylchloride |
| Cannula | Sorin | Arterial cannula | Phosphorylcholine-coated polyvinylchloride |

\*PLS: Permanent life support.

†Bioline coating: heparin + recombinant human albumin.