

## Appendix 5: COVID-19 Algorithms changes log

Version number	Changes
Version 0	<ul style="list-style-type: none"> <li>Manually sketched algorithms</li> </ul>
Version 1	<ul style="list-style-type: none"> <li>MS Visio drawn five algorithms: patient arrival to ED, patients allocation according to modified early warning signs (MEWS), oxygen escalation therapy, management of airway during intubation of COVID-19 patients, immune suppression therapy in COVID-19 patients</li> </ul>
Version 1.1	<ul style="list-style-type: none"> <li>Changed the colour theme</li> </ul>
Version 2	<ul style="list-style-type: none"> <li>Deleting one algorithm: patient arrival to ED</li> <li>Adding three more algorithms: mechanical ventilation, haemodynamic management of COVID-19 patients, anti-coagulant / anti-thrombotic therapy in COVID-19 patients</li> </ul>
Version 3	<ul style="list-style-type: none"> <li>Adding one more algorithm: weaning of mechanical ventilation</li> <li>Adding references list</li> </ul>
Version 3.1	<ul style="list-style-type: none"> <li>Rearranging the algorithms sequence</li> </ul>
Version 3.2	<ul style="list-style-type: none"> <li>Adding “ROX index for HFNC” box in “oxygen escalation therapy algorithm”</li> </ul>
Version 3.3	<ul style="list-style-type: none"> <li>Adding Modified H Score table in “immune suppression therapy in COVID-19 patients algorithm”</li> </ul>
Version 3.4	<ul style="list-style-type: none"> <li>Changing the orientation of “Staff plan for tracheal intubation of COVID-19 patient” from vertical to horizontal in “management of airway during intubation of COVID-19 patients algorithm”</li> </ul>
Version 3.5	<ul style="list-style-type: none"> <li>Adding a returning arrow from “Stop HFNC” to “Start by O<sub>2</sub> mask” in “oxygen escalation therapy algorithm”</li> </ul>
Version 3.6	<ul style="list-style-type: none"> <li>Adding abbreviation lists to all algorithms</li> </ul>
Version 3.7	<ul style="list-style-type: none"> <li>Adding more abbreviations to some algorithms</li> </ul>
Version 3.8	<ul style="list-style-type: none"> <li>Changing the title “Modified Early Warning Score” to “Modified Early Warning Signs” in “patients allocation according to modified early warning signs (MEWS) algorithm”</li> <li>Changing “LMWH (Clexane SC): * 1.2 mg/kg” to “1.2 ml” in “anti-coagulant/ anti-thrombotic therapy in COVID-19 patients algorithm”</li> </ul>
Version 3.9	<ul style="list-style-type: none"> <li>Adding some abbreviations to one algorithm</li> <li>Changing “P++” to “PH” (Pulmonary Hypertension) in “haemodynamic management of COVID-19 patients algorithm”</li> <li>Changing “RAS” to “RASS” (Richmond agitation sedation scale) in “haemodynamic management of COVID-19 patients algorithm”</li> </ul>