

Table S2: Summary of gross neuropathological findings (*IC: internal carotid*).

		Brain features				Meningeal features			Large vessels
		<i>Weight (gr.)</i>	<i>Oedema</i>	<i>Infarction/Haemorrhage</i>	<i>Herniation</i>	<i>Vessels congestion</i>	<i>Blood extravasation</i>	<i>Purulent exudate</i>	
<b>First pandemic wave</b> <i>(02/2020-04/2020)</i>	<i>Case 1</i>	1480	Yes	Left frontal infarction		Yes			<i>Atherosclerosis</i>
	<i>Case 2</i>	1670	Yes	Right parietal infarction		Yes			
	<i>Case 3</i>	1320	Yes	Right frontal infarction		Yes			
	<i>Case 4</i>	1870	Yes			Yes			
	<i>Case 5</i>	1870	Yes		Uncal	Yes			
	<i>Case 6</i>	1350	Yes		Uncal	Yes			<i>Atherosclerosis</i>
	<i>Case 7</i>	1650	Yes			Yes			
	<i>Case 8</i>	1300	Yes			Yes		Yes	
	<i>Case 9</i>	1490	Yes			Yes	Yes (supratentorial)	Yes	
	<i>Case 10</i>	1350	Yes			Yes			
	<i>Case 11</i>	1380	Yes			Yes		Yes	
<b>Second pandemic waves</b> <i>(11/2020-12/2020)</i>	<i>Case 12</i>	1360	Yes			Yes			
	<i>Case 13</i>	1390	Yes		Uncal	Yes			
	<i>Case 14</i>	1380	Yes			Yes			
	<i>Case 15</i>	1350	Yes			Yes			
	<i>Case 16</i>	1400	Yes			Yes			
	<i>Case 17</i>	1360	Yes			Yes			

<b>Third pandemic waves  (01/2021- 04/2021)</b>	<i>Case 18</i>	1360	Yes		Yes		<i>Right IC aneurysm</i>
	<i>Case 19</i>	1360	Yes	Right pre-rolandic infarction	Yes		<i>Atherosclerosis</i>
	<i>Case 20</i>	1390	Yes		Yes		
	<i>Case 21</i>	1680	Yes	Right frontal, pre-rolandic infarction	Yes		<i>Atherosclerosis</i>
	<i>Case 22</i>	1290	Yes		Yes		
	<i>Case 23</i>	1580	Yes	Multiple acute haemorrhages (brain, brain stem, cerebellum)	Yes	Yes (tentorium)	<i>Atherosclerosis</i>
	<i>Case 24</i>	1420	Yes		Yes		
	<i>Case 25</i>	1230	Yes		Yes		
	<i>Case 26</i>	1150	Yes		Yes		
	<i>Case 27</i>	1450	Yes		Yes		
	<i>Case 28</i>	1360	No		No		
	<i>Case 29</i>	1600	Yes	Uncal	Yes		<i>Atherosclerosis</i>
	<i>Case 30</i>	1400	Yes		Yes		<i>Atherosclerosis</i>
	<i>Case 31</i>	1290	Yes				
	<i>Case 32</i>	1400	Yes				
	<i>Case 33</i>	1410	Yes				