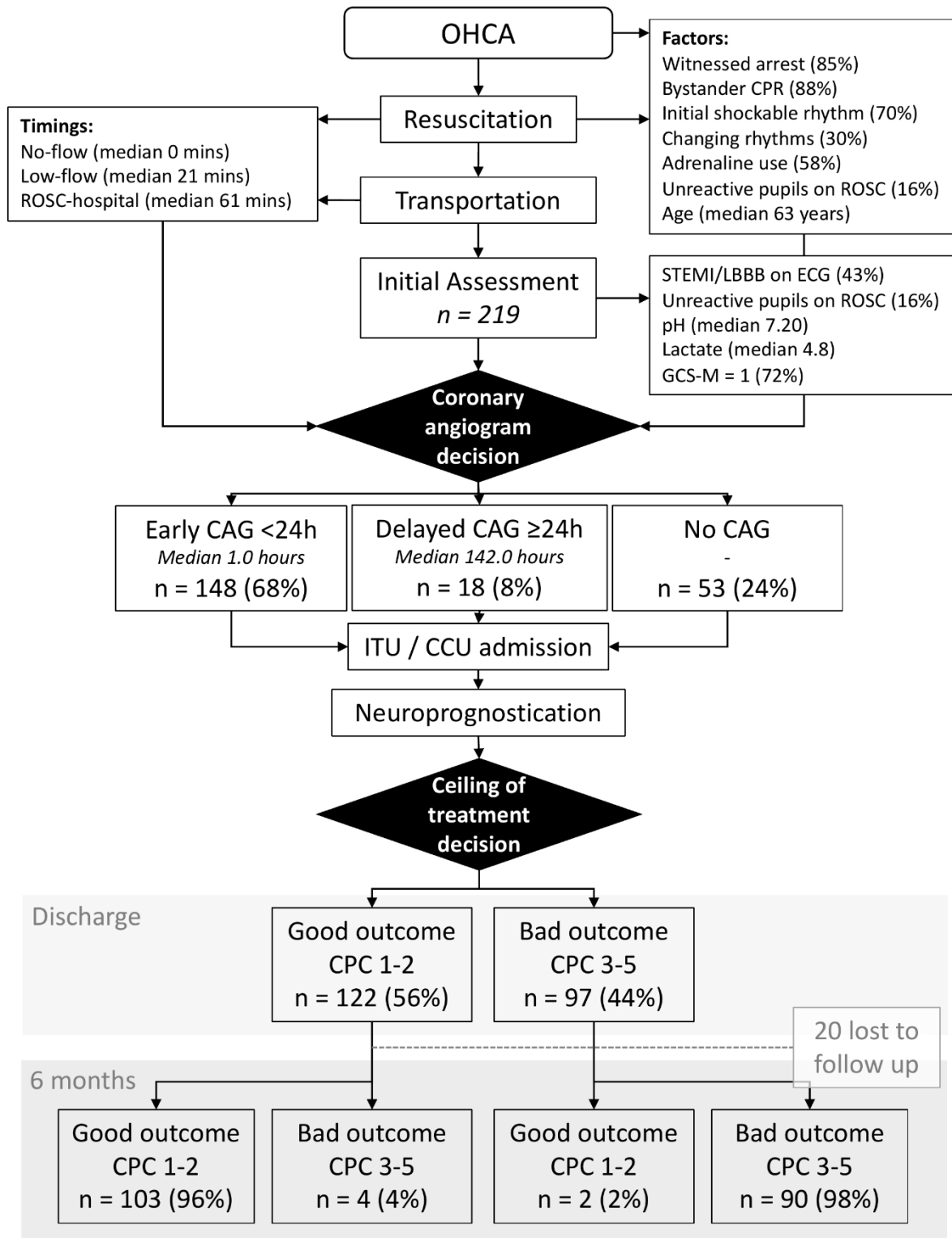


Supplementary figure 1: Clinical pathway



Supplementary table 1: Score discrimination characteristics. Sensitivity, specificity, positive predictive value, and negative predictive value for poor neurological outcome at discharge, using the 4 scores at different cut-offs.

Risk score	Scores		
MIRACLE₂	≥3	≥5	
<i>n</i> (%)	130	64	
Sensitivity, % (95% CI)	94.9 (88.4-98.3)	62.9 (52.5-72.5)	
Specificity, % (95% CI)	68.9 (60.0-76.9)	97.5 (93.0-99.5)	
PPV, % (95% CI)	70.8 (64.9-76.0)	95.3 (86.8-98.4)	
NPV, % (95% CI)	94.4 (87.7-97.6)	76.8 (71.8-81.1)	
OHCA	>2.0	>17.4	>32.5
<i>n</i> (%)	174	91	43
Sensitivity, % (95% CI)	93.8 (87.0-97.7)	70.1 (60.0-79.0)	39.2 (29.4-49.6)
Specificity, % (95% CI)	32.0 (23.8-41.0)	81.2 (73.1-87.7)	95.9 (90.7-98.7)
PPV, % (95% CI)	52.3 (49.0-55.6)	74.7 (66.7-81.4)	88.4 (75.7-94.9)
NPV, % (95% CI)	86.7 (74.2-93.6)	77.3 (71.3-82.4)	66.5 (62.7-70.0)
TTM	>10	>13	>16
<i>n</i> (%)	124	84	57
Sensitivity, % (95% CI)	95.9 (89.8-98.9)	78.4 (68.8-86.1)	55.7 (45.2-65.8)
Specificity, % (95% CI)	74.6 (65.9-82.0)	93.4 (87.5-97.1)	97.5 (93.0-99.5)
PPV, % (95% CI)	75.0 (68.8-80.3)	90.5 (82.8-94.9)	94.7 (85.3-98.2)
NPV, % (95% CI)	95.8 (89.7-98.4)	84.4 (78.8-88.8)	73.5 (68.9-77.6)
CAHP	>150	>200	
<i>n</i> (%)	97	33	
Sensitivity, % (95% CI)	82.5 (73.4-89.5)	32.0 (22.9-42.2)	
Specificity, % (95% CI)	86.1 (78.6-91.7)	98.4 (94.2-99.8)	
PPV, % (95% CI)	82.5 (75.0-88.1)	93.9 (79.2-98.4)	
NPV, % (95% CI)	86.1 (80.0-90.5)	64.5 (61.3-67.6)	