

Supplemental Table. Sensitivity, specificity, positive predictive value (PPV), and negative predictive value (NPV) with respect to eGFR and dialysis treatment status over 24 h after presentation for contemporary cTnl assay.

Renal Function		n	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)
Normal	Baseline	722	75.0 (65.0, 85.0)	92.2 (90.1, 94.2)	51.4 (41.9, 61.0)	97.1 (95.8, 98.4)
	3 h	514	77.6 (66.9, 88.3)	92.1 (89.6, 94.6)	55.6 (44.7, 66.4)	97.0 (95.4, 98.6)
	6 h	528	76.3 (65.4, 87.1)	93.6 (91.4, 95.8)	60.0 (48.9, 71.1)	96.9 (95.3, 98.5)
	9 h	448	68.5 (56.1, 80.9)	92.4 (89.8, 95.0)	55.2 (43.3, 67.1)	95.5 (93.5, 97.6)
	0/3 h	514	93.1 (86.6, 99.6)	89.0 (86.2, 91.9)	51.9 (42.3, 61.5)	99.0 (98.1, 100.0)
Mildly Impaired	Baseline	445	70.5 (59.1, 81.9)	86.7 (83.3, 90.1)	45.7 (35.7, 55.8)	94.9 (92.6, 97.2)
	3 h	294	88.6 (79.3, 98.0)	88.4 (84.4, 92.4)	57.4 (45.6, 69.1)	97.8 (95.9, 99.7)
	6 h	317	87.2 (77.7, 96.8)	84.8 (80.5, 89.1)	50.0 (39.2, 60.8)	97.5 (95.4, 99.5)
	9 h	276	86.0 (76.4, 95.6)	87.2 (82.8, 91.5)	59.7 (48.4, 71.1)	96.6 (94.1, 99.1)
	0/3 h	294	93.2 (85.7, 100.0)	84.8 (80.4, 89.3)	51.9 (40.9, 62.9)	98.6 (97.0, 100.0)
Moderately Impaired	Baseline	229	67.4 (53.8, 80.9)	76.0 (69.8, 82.2)	41.3 (30.2, 52.5)	90.3 (85.6, 94.9)
	3 h	151	84.4 (71.8, 96.7)	81.5 (74.5, 88.5)	55.1 (41.2, 69.0)	95.1 (90.9, 99.3)

	6 h	162	83.3 (71.2, 95.5)	73.0 (65.3, 80.8)	46.9 (34.7, 59.1)	93.9 (89.1, 98.6)
	9 h	159	91.4 (82.2, 100.0)	71.8 (63.9, 79.7)	47.8 (35.8, 59.8)	96.7 (93.1, 100.0)
	0/3 h	151	93.8 (85.4, 100.0)	74.8 (67.0, 82.6)	50.0 (37.4, 62.7)	97.8 (94.8, 100.0)
Severely Impaired	Baseline	81	78.6 (57.1, 100.0)	52.2 (40.3, 64.2)	25.6 (12.5, 38.6)	92.1 (83.5, 100.0)
	3 h	47	71.4 (38.0, 100.0)	55.0 (39.6, 70.4)	21.7 (4.9, 38.6)	91.7 (80.6, 100.0)
	6 h	63	90.0 (71.4, 100.0)	52.8 (39.4, 66.3)	26.5 (11.6, 41.3)	96.6 (89.9, 100.0)
	9 h	55	71.4 (38.0, 100.0)	60.4 (46.6, 74.3)	20.8 (4.6, 37.1)	93.6 (84.9, 100.0)
	0/3 h	47	100.0 (59.0, 100.0)	47.5 (32.0, 63.0)	25.0 (9.0, 41.0)	100.0 (82.4, 100.0)
Dialysis	Baseline	78	91.7 (76.0, 100.0)	39.4 (27.6, 51.2)	21.6 (10.3, 32.9)	96.3 (89.2, 100.0)
	3 h	47	87.5 (64.6, 100.0)	46.2 (30.5, 61.8)	25.0 (9.0, 41.0)	94.7 (84.7, 100.0)
	6 h	60	100.0 (66.4, 100.0)	37.3 (24.0, 50.5)	22.0 (9.3, 34.6)	100.0 (82.3, 100.0)
	9 h	45	100.0 (54.1, 100.0)	41.0 (25.6, 56.5)	20.7 (6.0, 35.4)	100.0 (79.4, 100.0)
	0/3 h	47	100.0 (63.1, 100.0)	38.5 (23.2, 53.7)	25.0 (10.0, 40.0)	100.0 (78.2, 100.0)