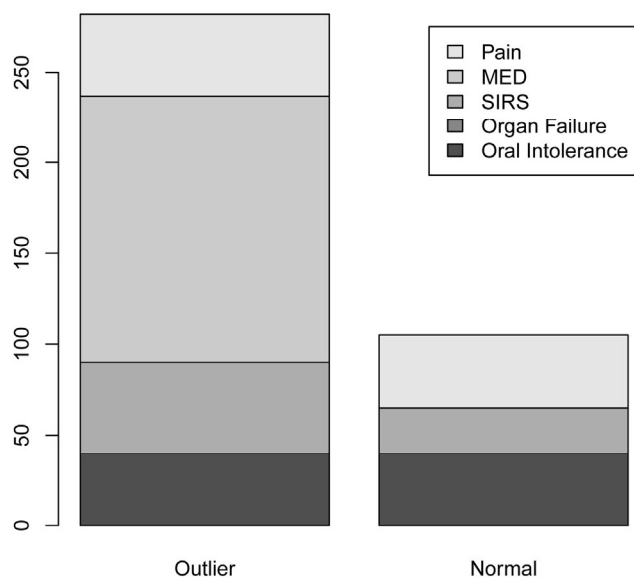


Median Contribution of Components to PASS Score



Supplementary Figure 1. Median contribution of PASS components to outlier and nonoutlier scores on admission.

Supplementary Table 1. PASS and mPASS-1 Values of the Total Cohort at Different Time Points by RAC Severity Groups

	Admission		24 hours		48 hours		72 hours		7 days	
PASS										
Severity										
Mild	115.0	90.0-141.7	85.0	55.0-125.0	56.7	25.0-100.0	40.0	5.0-75.0	10.0	0-40.0
Moderate	140.0	110.0-167.5	130.0	95.0-175.0	111.7	75.0-161.7	98.3	55.0-138.3	50.0	25.0-100.0
Severe	172.5	140.0-262.5	220.0	150.0-300.0	234.2	155.0-284.2	200.0	145.0-260.0	105.0	65.0-147.5
<i>P</i> -value		< .001		< .001		< .001		< .001		< .001
mPASS-1										
Severity										
Mild	100.0	80.0-115.0	75.0	45.0-100.0	50.0	25.0-85.0	35.0	5.0-65.0	5.0	0.0-40.0
Moderate	130.0	100.0-145.0	120.0	85.0-150.0	100.0	65.0-130.0	85.0	50.0-125.0	50.0	25.0-85.0
Severe	155.0	132.5-247.5	190.0	135.0-282.5	225.0	145.0-280.0	187.5	140.0-245.0	100.0	65.0-130.0
<i>P</i> -value		< .001		< .001		< .001		< .001		< .001
mPASS-2										
Severity										
Mild	120.0	90.0-145.0	90.0	60.0-130.0	65.0	30.0-105.0	40.0	5.0-80.0	10.0	0.0-40.0
Moderate	140.0	115.0-165.0	135.0	100.0-175.0	115.0	75.0-155.0	95.0	55.0-140.0	50.0	25.0-100.0
Severe	170.0	140.0-255.0	205.0	150.0-302.5	240.0	160.0-280.0	200.0	150.0-257.5	102.5	65.0-150.0
<i>P</i> -value		< .001		< .001		< .001		< .001		< .001
mPASS-3										
Severity										
Mild	115.0	90.0-140.0	85.0	55.0-115.0	60.0	25.0-95.0	40.0	5.0-75.0	10.0	0.0-40.0
Moderate	135.0	110.0-165.0	125.0	95.0-160.0	110.0	75.0-145.0	90.0	55.0-130.0	50.0	25.0-95.0
Severe	165.0	140.0-255.0	205.0	150.0-285.0	230.0	152.5-280.0	200.0	145.0-247.5	102.5	65.0-135.0
<i>P</i> -value		< .001		< .001		< .001		< .001		< .001
mPASS-4										
Severity										
Mild	115.0	90.0-140.0	85.0	55.0-115.0	60.0	25.0-95.0	40.0	5.0-75.0	10.0	0.0-40.0
Moderate	135.0	110.0-165.0	125.0	95.0-165.0	110.0	75.0-150.0	95.0	55.0-135.0	50.0	25.0-95.0
Severe	165.0	140.0-255.0	207.5	150.0-285.0	232.5	152.2-280.0	200.0	145.0-247.5	105.0	65.0-135.0
<i>P</i> -value		< .001		< .001		< .001		< .001		< .001

Note: *P*-value testing for a significant difference between RAC groups from Kruskal-Wallis tests.

Note: Data are presented as median (IQR).

Note: Boldface *P* values indicate statistical significance.

IQR, Interquartile range; mPASS, modified Pancreatitis Activity Scoring System; PASS, Pancreatitis Activity Scoring System; RAC, Revised Atlanta Classification.

Supplementary Table 2. Comparison of Clinical Characteristics Between Subjects With Outlier Admission PASS Values vs Nonoutlier Admission PASS

	Nonoutlier (n = 1293)		Outlier (n = 100)		P-value
Age, y	49.0	34.0–64.0	44.5	36.0–53.0	.027
BMI, kg/m ²	26.5	23.2–30.6	26.5	23.0–32.4	.551
Charlson Comorbidity Index	1.0	0–2.0	0	0–1.0	.004
Male	643	49.73	71	71.00	< .001
Race					< .001
Asian Indian	298	23.05	11	11.00	
Black or African American	64	4.95	8	8.00	
Hispanic or Latino	296	22.89	3	3.00	
White or Caucasian (non-Hispanic)	14	1.08	0	0.00	
Other	621	48.03	78	78.00	
Smoking	273	21.29	42	42.00	< .001
Alcohol	473	36.92	59	59.00	< .001
Etiology					< .001
Gallstones	611	47.25	22	22.00	
Alcoholic	248	19.18	43	43.00	
Idiopathic	210	16.24	12	12.00	
HTG	61	4.72	6	6.00	
Post-ERCP	108	8.35	13	13.00	
Other	55	4.25	4	4.00	
RAC					< .001
Mild	908	70.22	42	42.00	
Moderate	292	22.58	23	23.00	
Severe	93	7.19	35	35.00	
Length of stay, d	8.0	5.0–13.0	10.0	5.0–23.5	.020
Length of stay, d					.887
Short (0-2)	90	6.96	8	8.00	
Intermediate (3-6)	452	34.96	36	36.00	
Long (≥7)	751	58.08	56	56.00	
Continent					< .001
Europe	325	25.14	22	22.00	
Asia	292	22.58	11	11.00	
Latin America	282	21.81	1	1.00	
North America	394	30.47	66	66.00	

Note: Data are presented as number (%) or median (IQR).

Note: Boldface *P* values indicate statistical significance.

BMI, Body mass index; ERCP, endoscopic retrograde cholangiopancreatography; HTG, hypertriglyceridemia; IQR, interquartile range; PASS, Pancreatitis Activity Scoring System, RAC, Revised Atlanta Classification.

Supplementary Table 3. Comparison of Clinical Characteristics in the Subset of Subjects With Mild AP With Normal Range vs Outliers With Very High Admission PASS Values

	Nonoutlier mild AP (n = 908)		Outlier mild AP (n = 42)		P-value
Age, y	50.0	35.0–65.0	39.0	32.0–50.0	.001
BMI, kg/m ²	26.8	23.2–30.7	26.0	22.2–33.2	.986
Charlson Comorbidity Index	1.0	0.0–2.0	0.0	0.0–1.0	.002
Male	414	45.59	24	57.14	.142
Smoking	191	21.25	18	42.86	.001
Alcohol	316	35.19	16	38.10	.700
Etiology					.059
Alcoholic	139	15.31	11	26.19	
Non-alcoholic	769	84.69	31	73.81	
Length of stay, d	6.0	4.0–10.0	5.0	3.0–6.0	< .001
Length of stay, d					< .001
Short (0–2)	89	9.80	8	19.05	
Intermediate (3–6)	387	42.62	29	69.05	
Long (≥7)	432	47.58	5	11.90	
Continent					< .001
Europe	274	30.18	0	0.00	
Asia	125	13.77	0	0.00	
Latin America	203	22.36	0	0.00	
North America	306	33.70	42	100.00	

Note: Data are presented as number (%) or median (IQR).

Note: Boldface *P* values indicate statistical significance.

AP, Acute pancreatitis; BMI, body mass index; ERCP, endoscopic retrograde cholangiopancreatography; HTG, hypertriglyceridemia; IQR, interquartile range; PASS, Pancreatitis Activity Scoring System.

Supplementary Table 4. Comparison of Admission PASS in Patients With AP: Outliers vs Nonoutliers

	Nonoutlier (n = 1293)		Outlier (n = 100)		P-value
Oral intolerance	30.8	24.2–39.9	12.2	10.0–14.3	< .001
Organ failure	0.0	0.0–0.0	0.0	0.0–37.7	< .001
SIRS	23.8	0.0–38.5	17.2	8.0–26.0	< .001
MED	0.0	0.0–12.6	51.4	0.0–68.5	< .001
Pain	33.3	25.0–42.9	13.6	10.6–16.8	< .001

Note: Data are presented as median (IQR).

Note: Boldface *P* values indicate statistical significance.

AP, Acute pancreatitis; IQR, interquartile range; MED, morphine equivalent dose; PASS, Pancreatitis Activity Scoring System; SIRS, systemic inflammatory response syndrome.