Supplemental Material

Supplemental Table 1. Diagnostic codes used for classification of diseases in study.

| Disease/Condition | ICD-9 Codes | ICD-10 Codes |
|-------------------|---------------------------------|---------------------------------|
| Type 1 diabetes | 250.01, 250.03, 250.11, 250.13, | E10.xx |
| | 250.21, 250.23, 250.31, 250.33, | |
| | 250.41, 250.43, 250.51, 250.53, | |
| | 250.61, 250.63, 250.71, 250.73, | |
| | 250.81, 250,83, 250.91, 250.93 | |
| Type 2 diabetes | 250.00, 250.02, 250.10, 250.12, | E11.xx |
| | 250.20, 250.22, 250.30, 250.32, | |
| | 250.40, 250.42, 250.50, 250.52, | |
| | 250.60, 250.62, 250.70, 250.72, | |
| | 250.80, 250,82, 250.90, 250.92 | |
| | 249.xx | E08.xx, E09.xx, E13.xx, E89.1 |
| Hypoglycemia | 251.2 | E08.641, E08.649, E09.641, |
| | | E09.649, E10.641, E10.649, |
| | | E11.641, E11.649, E16.0, E16.1, |
| | | E16.2 |

| Age (years), median (IQR) Sex: Male, No.(%) Race, No.(%) White Black Other | n=17373 62.0 (47.0, 72.0) 8044 (46.3%) 7802 (44.9%) 7682 (44.2%) | n=2853 62.0 (50.0, 73.0) 1382 (48.4%) | <0.001 0.034 |
|---|--|---|-----------------|
| Sex: Male, No.(%) Race, No.(%) White Black | 8044 (46.3%) 7802 (44.9%) 7682 (44.2%) | 1382 (48.4%) | |
| Race, No.(%) White Black | 7802 (44.9%) 7682 (44.2%) | | 0.034 |
| White Black | 7682 (44.2%) | | |
| Black | 7682 (44.2%) | | |
| | | 1214 (42.6%) | 0.003 |
| Other | | 1358 (47.6%) | |
| | 1889 (10.9%) | 281 (9.8%) | |
| BMI (kg/m2), median (IQR) | 26.5 (22.1, 31.8) | 25.8 (22.0, 31.2) | 0.009 |
| Length of stay (days), median (IQR) | 8.2 (4.3, 18.8) | 8.0 (4.0, 17.5) | 0.009 |
| Hospital type, No.(%) | | | |
| Academic | 10054 (57.9%) | 1828 (64.1%) | < 0.001 |
| Community | 7319 (42.1%) | 1025 (35.9%) | |
| Admitting service at time of CBG results, No.(%) | | | |
| Medicine | 5383 (31.1%) | 793 (27.9%) | <0.001 |
| Emergency Room | 1960 (11.3%) | 525 (18.5%) | |
| Intensive Care Unit | 3480 (20.1%) | 695 (24.4%) | |
| Intermediate Care Unit | 1903 (11.0%) | 335 (11.8%) | |
| Labor & Delivery/ Obstetrics | 694 (4.0%) | 29 (1.0%) | |
| Pediatrics | 180 (1.0%) | 51 (1.8%) | |
| Psychiatry | 430 (2.5%) | 47 (1.7%) | |
| Operating Room | 265 (1.5%) | 43 (1.5%) | |
| Procedural | 218 (1.3%) | 25 (0.9%) | |
| Surgery | 2812 (16.2%) | 302 (10.6%) | |
| Diagnosis of diabetes at admission, No.(%) | | | |
| None | 9904 (57.0%) | 1607 (56.3%) | 0.54 |
| Type 1 Diabetes | 682 (3.9%) | 114 (4.0%) | |
| Type 2 Diabetes | 6444 (37.1%) | 1085 (38.0%) | |
| Other types | 343 (2.0%) | 47 (1.6%) | |
| Diet, No.(%) | | | |
| Regular diet | 5073 (29.2%) | 697 (24.4%) | <0.001 |
| Carbohydrate controlled | 4653 (26.8%) | 669 (23.4%) | |
| NPO or clear liquid | 5084 (29.3%) | 863 (30.2%) | |
| Other or unknown | 2563 (14.8%) | 624 (21.9%) | |
| Medications On Board, No.(%) | | | |
| Glucocorticoid, No.(%) | 1197 (6.9%) | 185 (6.5%) | 0.43 |
| Insulin, No.(%) | 6606 (38.0%) | 1068 (37.4%) | 0.55 |
| Secretagogue, No.(%) | 629 (3.6%) | 73 (2.6%) | 0.004 |
| Hypoglycemia Treatment Medications ^a , No. (%) | 025 (5.070) | 73 (2.070) | 0.004 |
| Dextrose oral gel | 43 (0.2%) | 7 (0.2%) | 0.98 |
| Dextrose IV | 884 (5.1%) | 245 (8.6%) | <0.001 |
| Glucagon IM | 34 (0.2%) | 18 (0.6%) | <0.001 |
| Dextrose and/or glucagon | 959 (5.5%) | 2698 (9.4%) | <0.001 |
| CBG Summary Measures | 333 (3.370) | 2030 (3.470) | \U.UUI |
| Index CBG Value, mg/dL, median (IQR) | 62.0 (54.0, 67.0) | 51.0 (39.0, 61.0) | <0.001 |
| Index CBG value, mg/aL, median (IQR) | 02.0 (34.0, 07.0) | JI.0 (39.0, 0I.0) | \U.UUI |
| 54-70 mg/dl | 13214 (76.1%) | 1293 (45.3%) | <0.001 |

Supplemental Table 2. Patient and Admission Characteristics at Time of Index Hypoglycemic CBG Readings by Time to repeat \leq 15 min

| 40-53 mg/dl | 3108 (17.9%) | 846 (29.7%) | | |
|--|--------------------|--------------------|--------|--|
| <40 mg/dl | 1051 (6.0%) | 714 (25.0%) | | |
| Any previous CBG ≤70 mg/dL during admission, No.(%) | 12139 (69.9%) | 1951 (68.4%) | 0.11 | |
| Admission coefficient of variation of CBG, median (IQR) | 0.4 (0.3, 0.5) | 0.4 (0.3, 0.5) | <0.001 | |
| Previous CBG value, median (IQR) | 80.0 (65.0, 109.0) | 85.0 (61.0, 123.5) | 0.011 | |
| ^a within 15 minutes of index CBG value; IV, intravenous; IM, intramuscular; NPO, nil per os; CBG, capillary blood | | | | |
| glucose; TTR= time to repeat; IQR, Interquartile range (25th percentile, 75th percentile) | | | | |

| Factor | TTR ≤ 15 min | TTR 16-30 min | p-value |
|---|-------------------|-------------------|---------------|
| | n=2853 | n=3796 | |
| Age (years), median (IQR) | 62.0 (50.0, 73.0) | 61.0 (48.0, 72.0) | 0.003 |
| Sex: Male, No.(%) | 1382 (48.4%) | 1837 (48.4%) | 0.97 |
| Race, No.(%) | | | |
| White | 1214 (42.6%) | 1754 (46.2%) | 0.004 |
| Black | 1358 (47.6%) | 1651 (43.5%) | |
| Other | 281 (9.8%) | 391 (10.3%) | |
| BMI (kg/m2), median (IQR) | 25.8 (22.0, 31.2) | 26.1 (22.2, 31.6) | 0.25 |
| Length of stay (days), median (IQR) | 8.0 (4.0, 17.5) | 8.2 (4.3, 19.2) | 0.025 |
| Hospital type, No.(%) | | | |
| Academic | 1828 (64.1%) | 2372 (62.5%) | 0.18 |
| Community | 1025 (35.9%) | 1424 (37.5%) | |
| Admitting service at time of CBG results, No.(%) | | | |
| Medicine | 793 (27.9%) | 1151 (30.4%) | <0.001 |
| Emergency Room | 525 (18.5%) | 459 (12.1%) | |
| Intensive Care Unit | 695 (24.4%) | 801 (21.2%) | |
| Intermediate Care Unit | 335 (11.8%) | 418 (11.0%) | |
| Labor & Delivery/ Obstetrics | 29 (1.0%) | 54 (1.4%) | |
| Pediatrics | 51 (1.8%) | 42 (1.1%) | |
| Psychiatry | 47 (1.7%) | 138 (3.6%) | |
| Operating Room | 43 (1.5%) | 51 (1.3%) | |
| Procedural | 25 (0.9%) | 42 (1.1%) | |
| Surgery | 302 (10.6%) | 631 (16.7%) | |
| Diagnosis of diabetes at admission, No.(%) | | | |
| None | 1607 (56.3%) | 1924 (50.7%) | <0.001 |
| Type 1 Diabetes | 114 (4.0%) | 212 (5.6%) | |
| Type 2 Diabetes | 1085 (38.0%) | 1579 (41.6%) | |
| Other types | 47 (1.6%) | 81 (2.1%) | |
| Diet, No.(%) | | | |
| Regular diet | 697 (24.4%) | 993 (26.2%) | <0.001 |
| Carbohydrate controlled | 669 (23.4%) | 1156 (30.5%) | |
| NPO or clear liquid | 863 (30.2%) | 1056 (27.8%) | |
| Other or unknown | 624 (21.9%) | 591 (15.6%) | |
| Medications On Board, No.(%) | 021(21070) | 551 (15.676) | |
| Glucocorticoid | 185 (6.5%) | 273 (7.2%) | 0.26 |
| Insulin | 1068 (37.4%) | 1762 (46.4%) | <0.001 |
| Secretagogue | 73 (2.6%) | 104 (2.7%) | 0.65 |
| Hypoglycemia Treatment Medications ^a , No. (%) | 73 (2.070) | 104 (2.776) | 0.05 |
| Dextrose oral gel | 7 (0.2%) | 15 (0.4%) | 0.29 |
| Dextrose IV | 245 (8.6%) | 365 (9.6%) | 0.15 |
| Glucagon IM | 18 (0.6%) | 14 (0.4%) | 0.13 |
| Dextrose and/or glucagon | 268 (9.4%) | 394 (10.4%) | 0.13 |
| CBG Summary Measures | 200 (5.470) | 334 (10.470) | 0.10 |
| Index CBG Value, mg/dL, median (IQR) | 51.0 (39.0, 61.0) | 57.0 (47.0, 64.0) | <0.001 |
| Index Hypoglycemic Category, No.(%) | 51.0 (55.0, 01.0) | 57.0 (47.0, 04.0) | \U.UUI |
| 54-70 mg/dl | 1202 (45 20/) | | <0.001 |
| 54-70 mg/ui | 1293 (45.3%) | 2257 (59.5%) | <0.001 |

Supplemental Table 3. Patient and Admission Characteristics at Time of Index Hypoglycemic CBG Readings by Time to repeat 16-30 min

| 40-53 mg/dl | 846 (29.7%) | 1042 (27.4%) | | |
|--|--------------------|----------------|--------|--|
| <40 mg/dl | 714 (25.0%) | 497 (13.1%) | | |
| Any previous CBG ≤70 mg/dL during admission, No.(%) | 1951 (68.4%) | 2820 (74.3%) | <0.001 | |
| Admission coefficient of variation of CBG, median (IQR) | 0.4 (0.3, 0.5) | 0.4 (0.3, 0.5) | <0.001 | |
| Previous CBG value, median (IQR) | 85.0 (61.0, 123.5) | 76.0 (56.0, | <0.001 | |
| ^a within 15 minutes of index CBG value; IV, intravenous; IM, intramuscular; NPO, nil per os; CBG, capillary blood | | | | |
| glucose; TTR= time to repeat; IQR, Interquartile range (25th percentile, 75th percentile) | | | | |

| Factor | TTR ≤ 15 min | TTR 31-45 min | p-value |
|---|-------------------|-------------------|---------|
| | n=2853 | n=2981 | |
| Age (years), median (IQR) | 62.0 (50.0, 73.0) | 62.0 (49.0, 72.0) | 0.044 |
| Sex: Male, No.(%) | 1382 (48.4%) | 1405 (47.1%) | 0.32 |
| Race, No.(%) | | | |
| White | 1214 (42.6%) | 1318 (44.2%) | 0.050 |
| Black | 1358 (47.6%) | 1331 (44.6%) | |
| Other | 281 (9.8%) | 332 (11.1%) | |
| BMI (kg/m2), median (IQR) | 25.8 (22.0, 31.2) | 26.5 (22.0, 31.6) | 0.14 |
| Length of stay (days), median (IQR) | 8.0 (4.0, 17.5) | 8.2 (4.3, 19.3) | 0.025 |
| Hospital type, No.(%) | | | |
| Academic | 1828 (64.1%) | 1779 (59.7%) | <0.001 |
| Community | 1025 (35.9%) | 1202 (40.3%) | |
| Admitting service at time of CBG results, No.(%) | | | |
| Medicine | 793 (27.9%) | 938 (31.6%) | <0.001 |
| Emergency Room | 525 (18.5%) | 342 (11.5%) | |
| Intensive Care Unit | 695 (24.4%) | 665 (22.4%) | |
| Intermediate Care Unit | 335 (11.8%) | 306 (10.3%) | |
| Labor & Delivery/ Obstetrics | 29 (1.0%) | 49 (1.6%) | |
| Pediatrics | 51 (1.8%) | 28 (0.9%) | |
| Psychiatry | 47 (1.7%) | 57 (1.9%) | |
| Operating Room | 43 (1.5%) | 52 (1.8%) | |
| Procedural | 25 (0.9%) | 35 (1.2%) | |
| Surgery | 302 (10.6%) | 499 (16.8%) | |
| Diagnosis of diabetes at admission, No.(%) | | | |
| None | 1607 (56.3%) | 1578 (52.9%) | 0.017 |
| Type 1 Diabetes | 114 (4.0%) | 128 (4.3%) | |
| Type 2 Diabetes | 1085 (38.0%) | 1201 (40.3%) | |
| Other types | 47 (1.6%) | 74 (2.5%) | |
| Diet, No.(%) | | | |
| Regular diet | 697 (24.4%) | 762 (25.6%) | <0.001 |
| Carbohydrate controlled | 669 (23.4%) | 862 (28.9%) | |
| NPO or clear liquid | 863 (30.2%) | 911 (30.6%) | |
| Other or unknown | 624 (21.9%) | 446 (15.0%) | |
| Medications On Board, No.(%) | | | |
| Glucocorticoid | 185 (6.5%) | 203 (6.8%) | 0.62 |
| Insulin | 1068 (37.4%) | 1272 (42.7%) | <0.001 |
| Secretagogue | 73 (2.6%) | 101 (3.4%) | 0.063 |
| Hypoglycemia Treatment Medications ^a , No. (%) | | | |
| Dextrose oral | 7 (0.2%) | 17 (0.6%) | 0.053 |
| Dextrose IV | 245 (8.6%) | 261 (8.8%) | 0.82 |
| Glucagon IM | 18 (0.6%) | 8 (0.3%) | 0.038 |
| Dextrose and/or glucagon | 268 (9.4%) | 284 (9.5%) | 0.86 |
| CBG Summary Measures | | , , | |
| BG Value, mg/dL, median (IQR) | 51.0 (39.0, 61.0) | 59.0 (51.0, 65.0) | <0.001 |
| Index Hypoglycemic Category, No.(%) | | , , -, | |
| 54-70 mg/dl | 1293 (45.3%) | 2017 (67.7%) | <0.001 |

Supplemental Table 4. Patient and Admission Characteristics at Time of Index Hypoglycemic CBG Readings by Time to repeat 31-45 min

| 40-53 mg/dl | 846 (29.7%) | 718 (24.1%) | | | |
|--|--------------------|----------------|--------|--|--|
| <40 mg/dl | 714 (25.0%) | 246 (8.3%) | | | |
| Any previous CBG ≤70 mg/dL during admission, No.(%) | 1951 (68.4%) | 2188 (73.4%) | <0.001 | | |
| Admission coefficient of variation of CBG, median (IQR) | 0.4 (0.3, 0.5) | 0.4 (0.3, 0.5) | 0.34 | | |
| Previous CBG value, median (IQR) | 85.0 (61.0, 123.5) | 79.0 (60.0, | <0.001 | | |
| ^a within 15 minutes of index CBG value; IV, intravenous; IM, intramuscular; NPO, nil per os; CBG, capillary blood | | | | | |
| glucose; TTR= time to repeat; IQR, Interquartile range (25th percentile, 75th percentile) | | | | | |

| Factor | TTR ≤ 15 min | TTR 46-60 min | P-value |
|---|-------------------|-------------------|---------|
| No. of Index CBG events | n=2,853 | n=2,033 | - |
| Age (years), median (IQR) | 62.0 (50.0, 73.0) | 61.0 (47.0, 71.0) | <0.001 |
| Sex: Male, No.(%) | 1382 (48.4%) | 950 (46.7%) | 0.24 |
| Race, No.(%) | | | |
| White | 1214 (42.6%) | 906 (44.6%) | 0.002 |
| Black | 1358 (47.6%) | 877 (43.1%) | |
| Other | 281 (9.8%) | 250 (12.3%) | |
| BMI (kg/m2), median (IQR) | 25.8 (22.0, 31.2) | 26.8 (22.5, 31.9) | <0.001 |
| Length of stay (days), median (IQR) | 8.0 (4.0, 17.5) | 7.4 (4.1, 17.2) | 0.42 |
| Hospital type, No.(%) | | | |
| Academic | 1828 (64.1%) | 1159 (57.0%) | <0.001 |
| Community | 1025 (35.9%) | 874 (43.0%) | |
| Admitting service at time of CBG results, No.(%) | | | |
| Medicine | 793 (27.9%) | 578 (28.5%) | <0.001 |
| Emergency Room | 525 (18.5%) | 256 (12.6%) | |
| Intensive Care Unit | 695 (24.4%) | 482 (23.8%) | |
| Intermediate Care Unit | 335 (11.8%) | 208 (10.3%) | |
| Labor & Delivery/ Obstetrics | 29 (1.0%) | 61 (3.0%) | |
| Pediatrics | 51 (1.8%) | 24 (1.2%) | |
| Psychiatry | 47 (1.7%) | 38 (1.9%) | |
| Operating Room | 43 (1.5%) | 39 (1.9%) | |
| Procedural | 25 (0.9%) | 29 (1.4%) | |
| Surgery | 302 (10.6%) | 314 (15.5%) | |
| Diagnosis of diabetes at admission, No.(%) | | | |
| None | 1607 (56.3%) | 1137 (55.9%) | 0.25 |
| Type 1 Diabetes | 114 (4.0%) | 89 (4.4%) | |
| Type 2 Diabetes | 1085 (38.0%) | 758 (37.3%) | |
| Other types | 47 (1.6%) | 49 (2.4%) | |
| Diet, No.(%) | | | |
| Regular diet | 697 (24.4%) | 499 (24.5%) | <0.001 |
| Carbohydrate controlled | 669 (23.4%) | 555 (27.3%) | |
| NPO or clear liquid | 863 (30.2%) | 616 (30.3%) | |
| Other or unknown | 624 (21.9%) | 363 (17.9%) | |
| Medications On Board, No.(%) | | | |
| Glucocorticoid | 185 (6.5%) | 116 (5.7%) | 0.26 |
| Insulin | 1068 (37.4%) | 794 (39.1%) | 0.25 |
| Secretagogue | 73 (2.6%) | 67 (3.3%) | 0.13 |
| Hypoglycemia Treatment Medications ^a , No. (%) | | | |
| Dextrose oral | 7 (0.2%) | 6 (0.3%) | 0.74 |
| Dextrose IV | 245 (8.6%) | 98 (4.8%) | <0.001 |
| Glucagon IM | 18 (0.6%) | 3 (0.1%) | 0.011 |
| Dextrose and/or glucagon | 268 (9.4%) | 107 (5.3%) | <0.001 |
| CBG Summary Measures | , , | | |
| BG Value, mg/dL, median (IQR) | 51.0 (39.0, 61.0) | 61.0 (53.0, 67.0) | <0.001 |
| Index Hypoglycemic Category, No.(%) | | | |

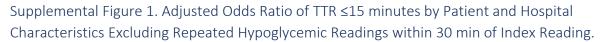
Supplemental Table 5. Patient and Admission Characteristics at Time of Index Hypoglycemic CBG Readings by Time to repeat 46-60 min

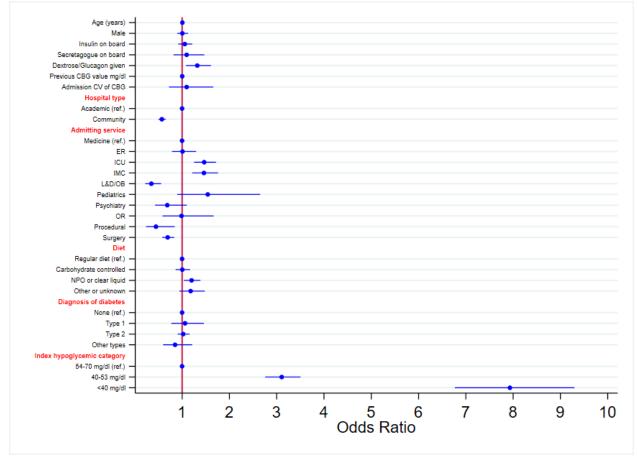
| 54-70 mg/dl | 1293 (45.3%) | 1518 (74.7%) | <0.001 | |
|--|--------------------|----------------|--------|--|
| 40-53 mg/dl | 846 (29.7%) | 387 (19.0%) | | |
| <40 mg/dl | 714 (25.0%) | 128 (6.3%) | | |
| Any previous CBG ≤70 mg/dL during admission, No.(%) | 1951 (68.4%) | 1424 (70.0%) | 0.22 | |
| Admission coefficient of variation of CBG, median (IQR) | 0.4 (0.3, 0.5) | 0.4 (0.3, 0.5) | 0.14 | |
| Previous CBG value, median (IQR) | 85.0 (61.0, 123.5) | 80.0 (65.0, | 0.018 | |
| ^a within 15 minutes of index CBG value; IV, intravenous; IM, intramuscular; NPO, nil per os; CBG, capillary blood | | | | |
| glucose; TTR= time to repeat; IQR, Interquartile range (25th percentile, 75th percentile) | | | | |

| Factor | TTR ≤ 15 min | TTR >60 min | p-value |
|---|-------------------|-------------------|---------|
| | n=2853 | n=8563 | |
| Age (years), median (IQR) | 62.0 (50.0, 73.0) | 62.0 (47.0, 72.0) | <0.001 |
| Sex: Male, No.(%) | 1382 (48.4%) | 3852 (45.0%) | 0.001 |
| Race, No.(%) | | | |
| White | 1214 (42.6%) | 3824 (44.7%) | 0.021 |
| Black | 1358 (47.6%) | 3823 (44.6%) | |
| Other | 281 (9.8%) | 916 (10.7%) | |
| BMI (kg/m2), median (IQR) | 25.8 (22.0, 31.2) | 26.5 (22.0, 31.9) | 0.012 |
| Length of stay (days), median (IQR) | 8.0 (4.0, 17.5) | 8.4 (4.5, 18.9) | 0.002 |
| Hospital type, No.(%) | | | |
| Academic | 1828 (64.1%) | 4744 (55.4%) | <0.001 |
| Community | 1025 (35.9%) | 3819 (44.6%) | |
| Admitting service at time of CBG results, No.(%) | | | |
| Medicine | 793 (27.9%) | 2716 (31.8%) | <0.001 |
| Emergency Room | 525 (18.5%) | 903 (10.6%) | |
| Intensive Care Unit | 695 (24.4%) | 1532 (17.9%) | |
| Intermediate Care Unit | 335 (11.8%) | 971 (11.4%) | |
| Labor & Delivery/ Obstetrics | 29 (1.0%) | 530 (6.2%) | |
| Pediatrics | 51 (1.8%) | 86 (1.0%) | |
| Psychiatry | 47 (1.7%) | 197 (2.3%) | |
| Operating Room | 43 (1.5%) | 123 (1.4%) | |
| Procedural | 25 (0.9%) | 112 (1.3%) | |
| Surgery | 302 (10.6%) | 1368 (16.0%) | |
| Diagnosis of diabetes at admission, No.(%) | | | |
| None | 1607 (56.3%) | 5265 (61.5%) | <0.001 |
| Type 1 Diabetes | 114 (4.0%) | 253 (3.0%) | |
| Type 2 Diabetes | 1085 (38.0%) | 2906 (33.9%) | |
| Other types | 47 (1.6%) | 139 (1.6%) | |
| Diet, No.(%) | | | |
| Regular diet | 697 (24.4%) | 2819 (32.9%) | <0.001 |
| Carbohydrate controlled | 669 (23.4%) | 2080 (24.3%) | |
| NPO or clear liquid | 863 (30.2%) | 2501 (29.2%) | |
| Other or unknown | 624 (21.9%) | 1163 (13.6%) | |
| Medications On Board, No.(%) | | | |
| Glucocorticoid | 185 (6.5%) | 605 (7.1%) | 0.29 |
| Insulin | 1068 (37.4%) | 2778 (32.4%) | <0.001 |
| Secretagogue | 73 (2.6%) | 357 (4.2%) | <0.001 |
| Hypoglycemia Treatment Medications ^a , No. (%) | | | |
| Dextrose oral | 7 (0.2%) | 5 (0.1%) | 0.008 |
| Dextrose IV | 245 (8.6%) | 160 (1.9%) | < 0.001 |
| Glucagon IM | 18 (0.6%) | 9 (0.1%) | < 0.001 |
| Dextrose and/or glucagon | 268 (9.4%) | 174 (2.0%) | <0.001 |
| CBG Summary Measures | | | |
| BG Value, mg/dL, median (IQR) | 51.0 (39.0, 61.0) | 65.0 (59.0, 68.0) | <0.001 |
| Index Hypoglycemic Category, No.(%) | 51.0 (55.0, 51.0) | | |
| 54-70 mg/dl | 1293 (45.3%) | 7422 (86.7%) | <0.001 |

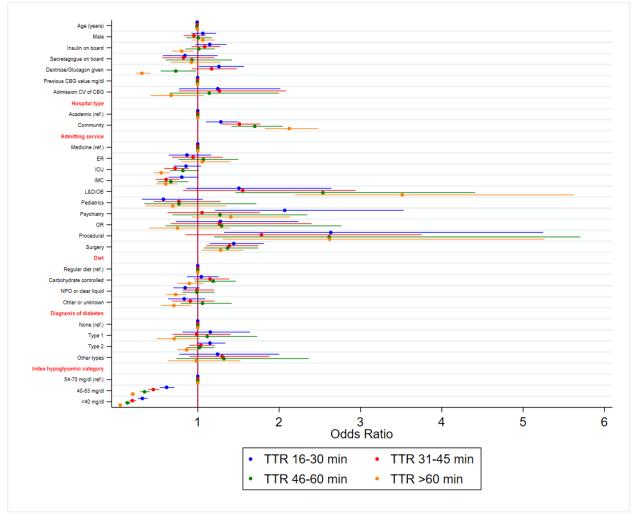
Supplemental Table 6. Patient and Admission Characteristics at Time of Index Hypoglycemic CBG Readings by Time to repeat >60 min

| 40-53 mg/dl | 846 (29.7%) | 961 (11.2%) | | |
|--|--------------------|----------------|--------|--|
| <40 mg/dl | 714 (25.0%) | 180 (2.1%) | | |
| Any previous CBG ≤70 mg/dL during admission, No.(%) | 1951 (68.4%) | 5707 (66.6%) | 0.087 | |
| Admission coefficient of variation of CBG, median (IQR) | 0.4 (0.3, 0.5) | 0.3 (0.2, 0.4) | <0.001 | |
| Previous CBG value, median (IQR) | 85.0 (61.0, 123.5) | 82.0 (69.0, | 0.47 | |
| ^a within 15 minutes of index CBG value; IV, intravenous; IM, intramuscular; NPO, nil per os; CBG, capillary blood | | | | |
| glucose; TTR= time to repeat; IQR, Interquartile range (25th percentile, 75th percentile) | | | | |

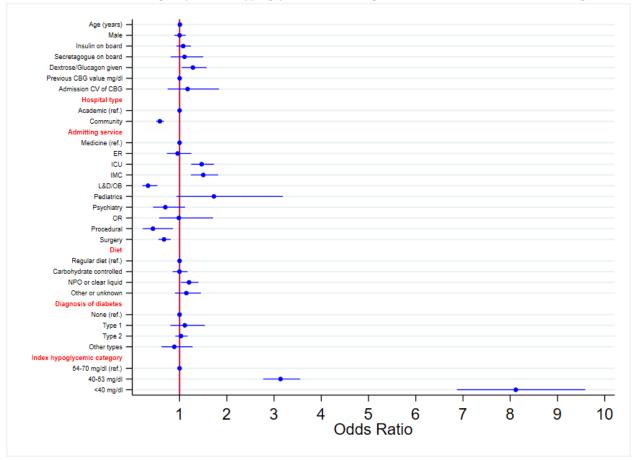




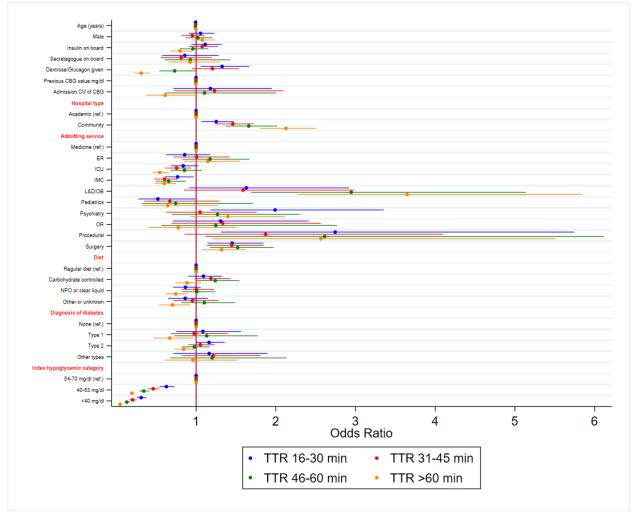
Supplemental Figure 2. Adjusted Odds Ratios of Patient Admission Characteristics at Time of Index Hypoglycemia Reading and TTR Outcome Measures Excluding Repeated Hypoglycemic Readings within 30 min of Index Reading.

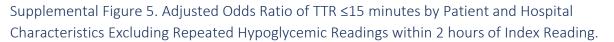


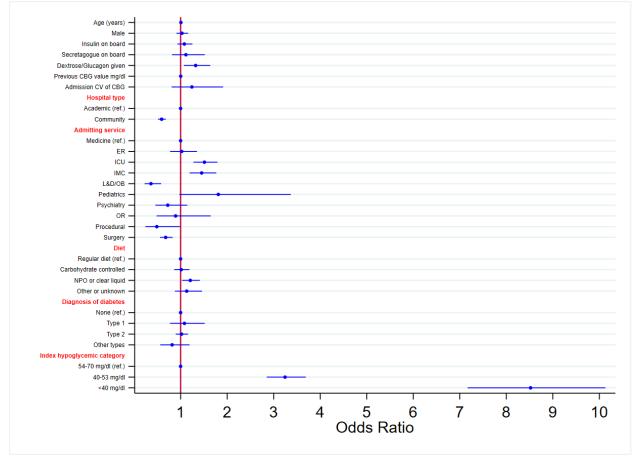
Supplemental Figure 3. Adjusted Odds Ratio of TTR ≤15 minutes by Patient and Hospital Characteristics Excluding Repeated Hypoglycemic Readings within 60 min of Index Reading.



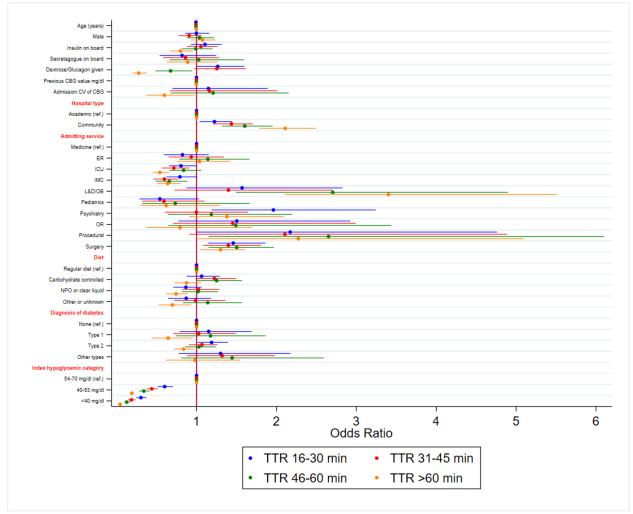
Supplemental Figure 4. Adjusted Odds Ratios of Patient Admission Characteristics at Time of Index Hypoglycemia Reading and TTR Outcome Measures Excluding Repeated Hypoglycemic Readings within 60 min of Index Reading

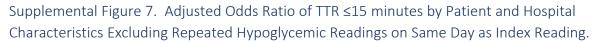


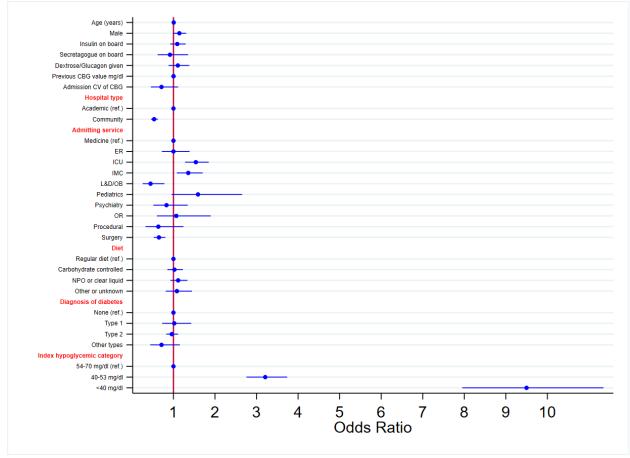




Supplemental Figure 6. Adjusted Odds Ratios of Patient Admission Characteristics at Time of Index Hypoglycemia Reading and TTR Outcome Measures Excluding Repeated Hypoglycemic Readings within 2 hours of Index Reading







Supplemental Figure 8. Adjusted Odds Ratios of Patient Admission Characteristics at Time of Index Hypoglycemia Reading and TTR Outcome Measures Excluding Repeated Hypoglycemic Readings on Same Day as Index Reading

