CITY Visit Information Worksheet		
Subject ID:	Namecode:	
	ity for the visit:	
	lity for the visit:	
2. Visit date:		
////mm/dd/yyyyy)	·	
OUT OF WINDOW		
☐ Visit was completed out of wind	low	
Reason visit was completed out	of window (select only one):	
☐ Bad weather	☐ Subject on vacation	☐ Poor outcome
☐ Travel difficulty	☐ Visits too lengthy	☐ Good outcome
☐ Financial issue	☐ Investigator away	☐ Adverse event
☐ Poor health	☐ Clinic appointment not available	☐ Unknown
☐ Personal issue	☐ Site forgot to schedule	☐ Other
☐ Work issue	☐ Difficulty contacting subject	
1a. If <i>Other</i> , describe:		

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CITY Follow-up Visit Worksheet	
Subject ID: Namecode:	
CONFIRM COMPLETION OF THE FOLLOWING:	
BGM REVIEW	
 What is the average number of fingerstick readings the participant reports having done each day over the last 7 days? [Range: 0-30]	
 2. Was the participant's BGM(s) downloaded at the visit? O Yes, all BGM downloaded O Yes, only one BGM downloaded ONo 2a. If Yes, average number of fingerstick readings per day over the last 14 days: [Range: 0.0-30.0] Unknown 	
INSULIN USE	
1. Has insulin delivery method changed since last study visit? O Yes ONo 1a. If Yes, Date of Change: *If Yes please update insulin changes by entering an insulin form 2. Current Method of insulin administration: O Pump O Injections If "Injections" answer question 3 and sub-questions below. If "Pump" answer question 4 and sub-questions below.	
 3. Injection Users: *Record any changes or new types of insulin on the Insulin Form 3a. Long-acting or intermediate-acting insulin (such as Lantus, Levemir, U500, or NPH): i. Average number of injections per day over the past 7 days: 	

	injections per day [0 - 20] Unknown Do not use
	ii. Average units of insulin per day on average over the past 7 days: units per day [0.0 − 300.0] □ Unknown □ Do not use
4.	Pump Users: *Obtain information from pump download over the past 14 days if possible*
	4a. Average total daily insulin in units over the past 14 days: units per day [0.0-300.0] □ Unknown
	4b. Average total daily basal insulin in units:
	units per day [0.0-200.0]
	4c. Average number of boluses per day:
	boluses per day [0-50]
	☐ Check here if information from pump download
NON-S	TUDY CGM INITIATION
1. Dio	d the participant initiate using a non-study real-time CGM or flash glucose monitor since randomization?
	O Yes, real time CGM O Yes, flash glucose monitor O No
	1a. If Yes, number of days per week the participant currently uses a non-study real-time CGM or flash glucose monitor: [0-7]
	1b. Start date of non-study real-time CGM or flash glucose monitor: / / mm/dd/yy
2. Ha	s the participant initiated using automated insulin delivery or a low glucose suspend feature since randomization?
	O Yes O No
	2a. Start date of automated insulin delivery or low glucose suspend feature?
	// mm/dd/yy
EXTEN	SION PHASE
Comple	ete the following for Phase 1 Primary RCT BGM group participants:
	Is the participant willing to participant in the extension RCT and be randomly assigned to CGM with or without alarms?
	O Yes ONo

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1a. If No, enter reason:
1b. If No, does the participant plan to initiate real-time CGM and continue in the observational extension phase?
O Yes ONo
1bi. If No, enter reason:
If the participant is not planning on participating in the extension RCT OR the extension observational phase using real- time CGM please complete a final status form after submission of the 26-week visit.
Complete the following for Phase 1 Primary RCT CGM group participants:
2. Does the participant plan to continue in the observational extension phase?O Yes ONo
2a. If No, enter reason:
*If the participant is not planning on continuing in extension phase please complete a final status form after submission of the 26-week visit

QUESTIONNAIRES

1. Were the participant questionnaires completed?

O Yes - electronically

O Yes – on paper

O No

If questionnaires completed on paper then please upload the questionnaires to the study website and advise the Coordinating Center.

CITY Diabetes Physical Exam Worksheet		
Subject ID: Namecode:		
PHYSICAL EXAMINATION		
□ No physical exam performed		
1. Weight Units:		
2. Height Units: ☐ in ☐ cm ☐ Not measured		
3. Blood pressure (Systolic/Diastolic):/ mm/Hg □ Not measured		
4. Heart Rate: bpm		
5. Temperature: Units: Celsius Fahrenheit Not measured		
6. Fingerstick blood glucose result: Units mg/dL mmol/L Not measured		
7. Were any clinically significant abnormalities found on the physical exam?		
7a. If <u>Yes</u> , describe:		
8. Identity of clinician who performed test procedures:		
8a. If <u>Other</u> , please record name:		

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CITY Diabetes Medical History Updates (A) Worksheet		
Subject ID: Namecode:		
ADVERSE EVENTS OR ADVERSE DEVICE EFFECTS (ADE)		
1. Did any of the following occur since last visit?		
a. Reportable Hypoglycemic event:		
b. Definite or Probable Reportable Severe Hyperglycemic or DKA Event:		
c. Other reportable adverse event or adverse device effect (ADE): ☐ Yes ☐ No If <u>Yes</u> , complete AE or ADE form.		
MEDICAL CONDITIONS		
1. Did the participant report a new medical condition that does not meet the definition of a reportable adverse event and has not previously been recorded on the Medical Conditions Form?		
☐ Yes ☐ No		
If <u>Yes</u> , please complete the Medical Conditions Form.		
DEVICE DEFICIENCIES OR ISSUES		
1. Did the participant report having any reportable device deficiencies or issues while using a study device since the last contact?		
☐ Yes ☐ No		
If <u>Yes</u> , complete the Device Deficiencies or Issues Form.		
MEDICATIONS		
1. Did the participant report any changes or new medications since the last contact?		
☐ Yes ☐ No		
If <u>Yes</u> , please update the Medications Form.		
INSULIN		
1. Did the participant report any changes in insulin type or insulin delivery method since the last contact?		
☐ Yes ☐ No		
If <u>Yes</u> , please update the Insulin Form.		

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CITY Central Lab Data Collection Worksheet		
Subject ID:	Namecode:	
CENTRAL LAB SAMPLES COLLECTED		
1. Blood sample for central lab collected: □Yes □No (if	no, please include comment)	
1a. Draw Date:		
1b. Comments:		
2. Identity of clinician who performed blood draw proced	lure:	
3a. If Other please specify:		

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CITY Diabetes Local HbA1c (A) Worksheet		
Subject ID:	Namecode:	
LOCAL HBA1C		
1. Date of Test:		
/		
(mm/dd/yyyy)		
2. Method of testing:		
☐ DCA point of care		
☐ Afinion point of care		
☐ Other point of care		
☐ Lab		
□ Unknown		
3. HbA1c Results:		
%		
4. Identity of clinician who performed test procedu	ires:	
4a. If other, please record name		

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CITY Follow-up Complete the Visit Worksheet		
Patient ID:	Namecode:	
SOURCE DOCUMENTATION		
	the data for this visit/contact transcribed from another source (e.g., medical record, study visit ner than <u>directly</u> entered on the website?	
∘ Yes ∘ No		
If yes, o	complete the following:	
1a. Soເ	urce used (check all that apply):	
	CRF worksheet	
	Electronic medical record (EMR)	
	Written patient chart	
	Discharge summary	
	Test/lab result	
	Other	

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CITY Medical Conditions Form

Patient ID:
Namecode:
MEDICAL CONDITION
Estimate dates if necessary. If only the year is known, enter "January" as the month. When the day of the month is required but unknown, enter "1." Enter all medication treatment at the time of enrollment and started after enrollment on the Medications Form after entering the medical condition on this form.
Record medications in use during the study on the Medication Form.
1. Medical Condition:
2. Present prior to study enrollment?
□ Yes □ No
2a. If <u>Yes</u> (present prior to enrollment), complete the following:
i. Approximate duration prior to enrollment:
□ <=30 days
□ >30 days to < 3 months
☐ 3 months to < 6 months
☐ 6 months to < 1 year
☐ 1 year to < 5 years
☐ 5 years to < 10 years
□ >=10 years
□ Unknown
ii. Treated with medication:
☐ Current ☐ Past ☐ Never
2b. If <u>No</u> (started or occurred after enrollment/randomization), complete the following:
i. Date of diagnosis: / / / (mm/dd/yyyy)
☐ Approximate ☐ Unknown
ii. Treatment of the medical condition (select only one):
□ None
☐ Medication
☐ Surgery
☐ Medication and Surgery
☐ Dietary Management
☐ Other
iii. If <i>Other</i> , describe:

Patient ID: Namecode:		
Enter the recovery date for all conditions active at the time of enrollment or develop	o later that resolve during study.	
STATUS OF CONDITION		
1. Medical condition status:		
 ☐ Ongoing (further improvement or worsening possible) ☐ Ongoing, medically stable (further change not expected) ☐ Complete Recovery ☐ Recovered with Sequelae 		
1a. If <i>Complete Recovery</i> or <i>Recovered with Sequelae</i> , complete the following:		
Recovery date: /	☐ Approximate	

CITY Medications Form

Patient ID:		
Namecode:		
MEDICATION		
If treatment is for a medical condition of the medication is entered.	r adverse event, a Medical Condition Form or A	dverse Event Form must be completed before
	ntered medication, if the medication dose or freq	uency has changed, enter the stop date for
the current medication dose and then e	enter a new record for the new dose.	
1. Medication Name:		
2. Dose per administration (include to	unit):	
Dose: Unit:		or 🛘 Unknown
3. Route (select only one):		
☐ S.C. –subcutaneous	☐ Topical – skin	☐ Intra-articular injection
☐ I.V intravenous	☐ Vaginal	☐ Retrobulbar
☐ Gtt-drops	☐ Transurethral	☐ Transdermal
☐ I.Dintradermal	☐ Oral Inhalation	□ Subconjunctival
☐ I.Mintramuscular	☐ Nasal	☐ Subtenons
☐ P.Oby mouth	☐ Sublingual	☐ Intrauterine
☐ P.Rby rectum	☐ Intravitreal	☐ Topical
☐ Topical – ocular	☐ Peribulbar	☐ Epidural
4. If treatment is for eye or ear, comp	plete:	
☐ Right ☐ Left ☐ Both		
5. Frequency:		
☐ Fixed Regimen		
☐ As Needed		
☐ One Time Treatment		
5a. If <i>Fixed</i> , complete the following:		
Frequency:		
per 🛮 Day 🗎 Week	☐ Month ☐ Year or ☐ Uncertain	

Patient ID: Namecode:			
5h If Ac Nooded approxim	ate frequency (select only one):		
□ >1/d □ 1/wk	□ 2-6/wk □ 1/m □ 2-3/m	□ 1/y □ 2-5/yr □ 6-11/yr	
6. Indication: Medical condition prior to e New medical condition/adv	enrollment	- 0-11/yi	
	her pre-existing or occurred during the study), i	· ·	or
6b. If "Treatment for Advers	se Event," indicate adverse event(s):		

CITY Insulin Form

Bullion IB				
Patient ID:				
Namecode:				
INSULIN				
If the pump is used routinely and injection If both the pump and injections are used	form. Doses will be recorded on visit forms. ons are only used when there is a pump failure, on d together (or sometimes one and sometimes the on a pump and sometimes in injections, enter separa	other), record the insulins separately (e.g.,		
1. Insulin Name:				
☐ Afrezza (insulin human)	☐ Humulin 70/30	□ Novolin N (NPH)		
☐ Apidra (Glulisine)	☐ Humulin N (NPH)	☐ Novolog (Aspart)		
☐ Degludec	☐ Lantus (Glargine) 1 time per day	☐ Novolog 70/30		
☐ Humalog (Lispro)	☐ Lantus (Glargine) 2 times per day	☐ Regular (R) (Humulin R or Novolin R)		
☐ Humalog 50/50	☐ Levemir (Detemir) 1 time per day	☐ Toujeo (Glargine, U300)		
☐ Humalog 75/75	☐ Levemir (Detemir) 2 times per day	☐ U500 Human R Regular		
☐ Humulin 50/50	☐ Novolin 70/30	☐ Velosulin		
2. Route:				
☐ Pump ☐ Injection ☐ Inhaled				
2a. If injection or inhaled, what is t	he usual frequency of injections per day?			
□ 1 □ 6				
□3 □8				
5 Unknown				
3. Start Date of Insulin Type:				
☐ In use at time of enrollment☐ Started after enrollment☐ Unknown				
3a. If started after enrollment, start	date:			
/	☐ Estimated ☐ Unknown/dd/yyyy)	own		
4. Stop Date of Insulin Type (if perma	nently discontinued during the study):			
/	•	□ Unknown		
	mm/dd/yyyy)			

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CITY Diabetes Hypoglycemic Event Worksheet		
Subject ID: Namecode:	-	
Please complete AE Form in addition to this form.		
Reportable hypoglycemia is defined as an event that required assistance of another person due to altered consciousness to actively administer carbohydrate, glucagon, or other resuscitative actions. This means that the participant was impaired cognitively to the point that the participant was unable to treat his or herself, was unable to verbalize his or her needs, was incoherent, disoriented, and/or combative, or experienced seizure or coma. By definition, events that meet these criteria are reported as Serious Adverse Events. Hypoglycemic events are also considered reportable If the above criteria are not met but emergency evaluation or treatment was obtained from a health care provider; these events are considered Adverse Events and not Serious Adverse Events unless one of the criteria for SAE is met.		
1. Date of event:		
//		
(mm/dd/yyyy)		
□ Approximate □ Unknown		
1a. Indicate the approximate time of day of the event:		
□ 00:01 − 03:00 -		
□ 03:01 − 06:00 -		
□ 06:01 – 09:00 —		
□ 09:01 − 12:00 		
□ 12:01 – 15:00 		
□ 15:01 – 18:00		
□ 18:01 – 21:00		
□ 21:01 − 00:00		
☐ Unknown		
2. Was the glucose level checked on a home blood glucose meter?		
☐ Yes ☐ No ☐ Unknown		
2a. If <u>Yes</u> , what was the result?		
3. Was the participant wearing a CGM sensor at the time of the event (either alone or as part of an automated insulin delivery system)?		
☐ Yes ☐ No ☐ Unknown		
3a. If <u>Yes</u> , what was the glucose reading at the time the event was identified?		
🗆 mg/dL 🕒 mmol/L 🗎 Unknown		
4. Was the participant wearing an automated insulin delivery system at the time of the event?		
☐ Yes ☐ No ☐ Unknown		
4a. If <i>Yes</i> , was the system in auto mode or manual mode?		
☐ Auto Mode ☐ Manual Mode ☐ Unknown		
5. Please select all of the following that apply for this event:		
☐ Seizure		
☐ Loss of consciousness		
☐ Required assistance		
☐ Ambulance called		

☐ EMT assistance
☐ Evaluated or treated by health care provider (not EMT)
6. Was glucagon given?
☐ Yes ☐ No ☐ Unknown
7. Was the participant hospitalized or treated in the Emergency Room?
☐ Yes ☐ No ☐ Unknown
If <u>Yes</u> ,
7a. Where was the participant treated?
☐ ICU only
☐ Floor only
☐ ICU and Floor
☐ Emergency Room only
□ Unknown
7b. Duration (leave blank if participant was treated in the emergency room only):
days (use a midnight census and estimate if necessary
8. Cause of Event
8a. Is there any evidence that a study device (e.g., blood glucose meter, CGM, and/or pump) contributed to the event (either device malfunction or improper use by user)?
□ Yes □ No
If <u>Yes</u> , please complete a Device Issue Form.
8b. Is there any indication of non-study device-related factors that contributed to the occurrence of the event?
□ Yes □ No
If <u>Yes</u> , explanation of contribution of non-study device-related factors to the event:
9. Outcome
☐ Fully recovered ☐ Other ☐ Unknown If <u>Other</u> , describe:
ii <u>Other,</u> describe.

CITY Diabetes Severe Hyperglycemia or DKA Event Worksheet		
Subject ID: Namecode:		
Please complete AE Form in addition to this form.		
Severe Hyperglycemia or Diabetic Ketoacidosis is defined as INSERT PROTOCOL SPECIFIC DEFINITION		
1. Date of event:		
///		
☐ Approximate ☐ Unknown		
2. Glucose level:		
3. Ketones: Unknown		
3a. Serum:		
3b. Urine: ☐ Negative ☐ Small ☐ Medium ☐ Large ☐ Extra Large		
4. HCO3: Unknown		
5. pH:		
6. BUN: Unknown		
7. Symptomatic cerebral edema: Yes No Unknown		
8. Was the participant wearing a CGM sensor at the time of the event (either alone or as part of an automated insulin delivery system?		
☐ Yes ☐ No ☐ Unknown		
8a. If <u>Yes,</u> what was the glucose reading at the time the event was identified?		
9. Was the participant wearing an automated insulin delivery system at the time of the event?		
☐ Yes ☐ No ☐ Unknown		
9a. If <u>Yes</u> , was the system in auto mode or manual mode?		
☐ Auto Mode ☐ Manual Mode ☐ Unknown		
10. Cause of Event		
10a. Is there any evidence that a study device (e.g., blood glucose meter, CGM, and/or pump) contributed to the event (either device malfunction or improper use by user)?		
□ Yes □ No		
If <u>Yes</u> , please complete a Device Issues Form.		
10b. Is there any indication of non-study-device-related factors that contributed to the occurrence of the event?		
☐ Yes ☐ No		
If <u>Yes</u> , explanation of contribution of non-study device-related factors to the event:		
11. Outcome		
☐ Fully recovered ☐ Other ☐ Unknown If <u>Other</u> , describe:		
ii <u>Other,</u> describe.		

12. In the judgment of the investigator, did the event meet study criteria listed above for DKA?
☐ Definitely
☐ Probably, based on available information
☐ No (i.e., Hyperglycemia event but not DKA)
☐ Cannot determine from available information

CITY Post-Randomization Final Status Form	
Subject ID: Namecode:	
Complete this form to report a change in a participant's status prior to the completion of the protocol. Please contact the Jaeb Center before dropping a participant (except for death).	
Reason participant's participation in the Study has ended.	
Note: If participant is requesting to withdraw, make the appropriate selection based on whether the participant has formally withdrawn consent in writing.	
☐ Participant/Parent requests to withdraw - did not withdraw consent in writing	
☐ Participant/Parent requests to withdraw - formally withdrew consent in writing	
Lost to follow up – detail efforts to contact participant in COMMENTS	
Site withdraws participant – indicate reason in COMMENTS	
☐ Death	
If <u>Death</u> , Adverse Event Form indicating the fatal event must be completed prior to submitting the Final Status Form.	
If <u>Participant/parent requests to withdraw</u> , select all reasons that apply and provide additional details in comments:	
Reason for participant/parent withdrawal:	
☐ Adverse event	
☐ Changed doctor	
☐ Does not want study treatment and unwilling to be followed	
☐ Finances	
☐ Changed insurance	
☐ Moved	
☐ Other treatment requested and unwilling to be followed	
☐ Poor health	
☐ Poor outcome	
☐ Scheduling/availability issues	
☐ Travel difficulty	
☐ Visit too lengthy	
□ Unknown	
**If reason is not listed, please contact the Coordinating Center. Participants who discontinue use of study treatment should NOT be withdrawn from the study unless unwilling to continue to be followed by study team.	

WITHDRAWAL REASON	DMMENTS	
If reason for withdrawal is	<u>Death</u> , complete the following:	
Date of Death:		
Date of Death.	//	