| Demographic |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form <br> Number | Office Use Only |
| Subject ID |  | id | text |  |  |
| Intervention Start Date | BL | stat_interv_start_date | Date in MDY format | Form 29 | 19 |
| REDCap Randomization Assignment | BL | rand_assignment | 1-Stretching | Form 28 | 1472 |
|  |  |  | 2-Exercise only |  |  |
|  |  |  | 3-IRVR only |  |  |
|  |  |  | 4-IRVR + Exercise |  |  |
| Which randomization project was used? | BL | rand_project | 1-Starting rrAD Randomization-Not well controlled hypertensive <br> participants <br> 2-Additional Randomization for well controlled hypertensive <br> participants | Form 28 | 1473 |
| Demographics Visit Date | BL, M24 | dem_visit_date | Date in MDY format | Form 03 | 71 |
| Age in years; at study consent | BL, M24 | dem_age | Min=60, Max=85 | Form 03 | 75 |
| Subject's sex | BL, M24 | dem_sex | 1-Male | Form 03 | 76 |
|  |  |  | 2-Female |  |  |
| Does the subject report being of Hispanic/Latin ethnicity (i.e., having origins from a mainly Spanish-speaking Latin American country), regardless of race? | BL, M24 | dem_hispanic | --No | Form 03 | 77 |
|  |  |  | 1-Yes |  |  |
|  |  |  | 9-Unknown |  |  |
| What does the subject report as his or her race? | BL, M24 | dem_race | 1-White | Form 03 | 78 |
|  |  |  | 2-Black or African American |  |  |
|  |  |  | 3-American Indian or Alaska Native |  |  |
|  |  |  | 4-Native Hawaiian or other Paci |  |  |
|  |  |  | 5-Asian |  |  |
|  |  |  | 6 -More than one race |  |  |
|  |  |  | 8-Other |  |  |
|  |  |  | 9-Unknown |  |  |
| Subject's primary language | BL, M24 | dem_language | 1=English | Form 03 | 80 |
|  |  |  | 2=Spanish |  |  |
|  |  |  | 3=Mandarin |  |  |
|  |  |  | 4=Cantonese |  |  |
|  |  |  | 5=Russian |  |  |
|  |  |  | 6=Japanese |  |  |
|  |  |  | 8=Other primary language |  |  |
|  |  |  | 9=Unknown |  |  |


| Field Label | Time Points | Variable / Field Name | $\begin{gathered} \text { Field Attributes (Field Type, Validation, } \\ \text { Choices, } \\ \hline \end{gathered}$ | Form Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Subject's years of education | BL, M24 | dem_education | Min=0; Max=20, 99=Missing | Form 03 | 82 |
|  |  |  | 12=Completed high school or GED |  |  |
|  |  |  | 16=Completed bachelor's degree |  |  |
|  |  |  | 18=Completed master's degree |  |  |
|  |  |  | 20=Completed doctorate |  |  |
|  |  |  | 99=Missing/Unknown |  |  |
| Does the subject report being left or right handed (for example, which hand would s/he normally use to write or throw a ball)? | BL, M24 | dem_handed | Left-handed | Form 03 | 91 |
|  |  |  | Right-handed |  |  |
|  |  |  | Ambidextrous |  |  |
| Physical Exam Visit Date | BL, M12, M24 | phy_visit_date | Date in MDY format | Form 10 | 391 |
| Height (in cm) | BL, M12, M24 | phy_height | Integer, Min=120, Max=220 | Form 10 | 395 |
| Weight in kg | BL, M12, M24 | phy_weight | Min=30, Max=120 | Form 10 | 396 |
| BMI | BL, M12, M24 | phy_bmi | Calculation round to the nearist whole number | Form 10 | 397 |
| Health History Visit Date | BL, M12, M24 | hhx_visit_date | Date in MDY format | Form 07 | 282 |
| Has subject smoked within last two years? | BL, M24 | hhx_cig_2yr | 0=No | Form 07 | 285 |
|  |  |  | $1=\mathrm{Yes}$ |  |  |
|  |  |  | 9=Unknown |  |  |
| Has the subject smoked more than 100 cigarettes in her/his life? | BL, M24 | hnx_cig_100 | 0=No | Form 07 | 286 |
|  |  |  | $1=$ Yes |  |  |
|  |  |  | 9=Unknown |  |  |
| In the past three months, has the subject consumed any alcohol? | BL, M24 | hhx_alcohol | 0=No | Form 07 | 293 |
|  |  |  | $1=$ Yes |  |  |
|  |  |  | 9=Unknown |  |  |
| Heart attack/cardiac arrest | BL, M24 | hhx_heart_attack | 0=Absent | Form 07 | 296 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Atrial fibrillation | BL, M24 | hhx_afin | 0=Absent | Form 07 | 298 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Angioplasty/endarterectomy/stent | BL, M24 | \|hhx_angio | 1=Recent/Active | Form 07 | 299 |
|  |  |  | 2=Remote/Inactive |  |  |


| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9=Unknown |  |  |
| Cardiac bypass procedure | BL, M24 | hhx_bypass | 0=Absent | Form 07 | 300 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Pacemaker and/or defibrillator | BL, M24 | hhx_pacemaker | 0=Absent | Form 07 | 301 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Congestive heart failure | BL, M24 | hhx_congestive | 0=Absent | Form 07 | 302 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Angina | BL, M24 | hhx_angina | 0=Absent | Form 07 | 303 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Heart valve replacement or repair | BL, M24 | hhx_heart_valve | 0=Absent | Form 07 | 304 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Transient ischemic attack (TIA) | BL, M24 | hhx_cv_tia | 1=Recent/Active | Form 07 | 309 |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Parkinson's disease (PD) | BL, M24 | hhx_neuro_pd | 0=Absent | Form 07 | 311 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 9=Unknown |  |  |
| Other parkinsonism disorder (e.g., PSP, CBD) | BL, M24 | hhx_neuro_pd_other | 0=Absent | Form 07 | 312 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Scoituras |  | hhy noilirn ceizirae | 0=Absent | Fnrm $n 7$ | 313 |
|  |  |  | 1=Recent/Active |  |  |


| Field Label | Time Points | Variable / Field Name | $\begin{array}{\|c\|} \hline \text { Field Attributes (Field Type, Validation, } \\ \text { Choices, } \end{array}$ | Form Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Have you ever had a hit to your head that caused a concussion? By a concussion, we mean that after getting hit on your head, you had symptoms such as loss of consciousness, headache, dizziness, nausea/vomiting, balance problems, ringing of the ears, changes with vision or eyesight, change in mood, speaking clearly, etc. | BL, M24 | hhx_cuss | $1=$ Yes | Form 07 | 314 |
|  |  |  | 0=No |  |  |
|  |  |  | 9=Do not know |  |  |
| How many concussions have you had? | B1, M24 | hhx_cuss_number | Integer, Min=0, Max=20 | Form 07 | 316 |
| At any time when you hit your head, did you lose consciousness? | BL, M24 | hhx_cuss_loc | $1=$ Yes | Form 07 | 329 |
|  |  |  | $0=$ No |  |  |
|  |  |  | 9=Do not know |  |  |
| Diabetes | BL, M24 | hhx_med_diabetes | 0=Absent | Form 07 | 333 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Hypertension | BL, M24 | hhx_med_htn | 0=Absent | Form 07 | 335 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Hypercholesterolemia | BL, M24 | hhx_med_hypercho | 0=Absent | Form 07 | 336 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| B12 deficiency | BL, M24 | hhx_med_b12 | 0=Absent | Form 07 | 337 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Thyroid disease | BL, M24 | hhx_med_thyroid | 0=Absent | Form 07 | 338 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Arthritis | BL, M24 | hhx_med_arthr | 0=Absent | Form 07 | 339 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | 9=Unknown |  |  |


| Field Label | Time Points | Variable / Field Name | $\qquad$ | Form Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sleep apnea | BL, M24 | hhx_med_sleep_apnea | 0=Absent | Form 07 | 345 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| REM sleep behavior disorder (RBD) | BL, M24 | hhx_med_rbd | 0=Absent | Form 07 | 346 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Hyposomnia/insomnia | BL, M24 | hhx_med_somnia | 0=Absent | Form 07 | 347 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Alcohol abuse | BL, M24 | hhx_subs_abus_alcohol | 0=Absent | Form 07 | 350 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Post-traumatic stress disorder (PTSD) | BL, M24 | hhx_psych_ptsd | 0=Absent | Form 07 | 353 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Bipolar disorder | BL, M24 | hhx_psych_bipolar | 0=Absent | Form 07 | 354 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Schizophrenia | BL, M24 | hhx_psych_schizo | $0=$ Absent | Form 07 | 355 |
|  |  |  | 1=Recent/Active |  |  |
|  |  |  | 2=Remote/Inactive |  |  |
|  |  |  | 9=Unknown |  |  |
| Active depression in the lasttwo years | BL, M24 | hhx_psych_depress_active | 0=No | Form 07 | 357 |
|  |  |  | 1=Yes |  |  |
|  |  |  | 9=Unknown |  |  |
| $\left.\right\|_{\text {Anxiatv }}$ | $\mathrm{R}_{\text {RI M } \times \text { ¢ }}$ | Ihhx neveh anxioty | 0=Absent | Fnrm 07 | 359 |
|  |  |  | 1=Recent/Active |  |  |


| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2=Remote/lnactive |  |  |
|  |  |  | $9=$ Unknown |  |  |

## Primary Outcome

| Primary Outcome |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form Number | Office Use Only |
| MMSE (SC given at BL and M18; A given at M6 and M24; Form B given at M12 unless noted on form) |  |  |  |  |  |
| MMSE Visit Date | BL, M6, M12, M18, M24 | $\left\lvert\, \begin{aligned} & \text { mmsea_visit_date; } \\ & \text { mmseb_visit_date; }\end{aligned}\right.$ mmsesc visit date | Visit Date in MM/DD/YYYY format | Form 27 | 1503;1549; 1594 |
| Was MMSE test given virtually? | BL, M6, M12, M18, M24 | mmsea_virtual_visit; - ; mmsesc_virtual_visit | 1=Subject was tested virtually | Form 27 | 1505; - ; 1596 |
|  |  |  | <blank>=Subject was tested in person |  |  |
| MMSE Total | BL, M6, M12, M18, M24 | mmsea_score; mmseb_score; mmsesc score | 0-30 | Form 27 | 1547; 1592; 1639 |
| MMSE Prorated Total Score | BL, M6, M12, M18, M24 | MMSE_Pro_Total | 0-30 (If this was a virtual test and Question 10 (Building floor) was not asked, participants scores were prorated) | Form 27 | Calculated |

## Neurocognitive Testing

| Cognitive Visit Date | BL, M6, M12, M18, M24 | cog_visit_date | Visit Date in MM/DD/YYYY format | Form 27 | 1389 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cognitive Testing Version | BL, M6, M12, M18, M24 | cog_pkt_version | SC (visits BL and M18) | Form 27 | 1392 |
|  |  |  | A (visits M6 and M24) |  |  |
|  |  |  | B (visit M12) |  |  |
| Was this a virtual visit? | BL, M6, M12, M18, M24 | virtual_testing | 1=Subject was tested virtually | Form 27 | 1395 |
|  |  |  | <blank>=Subject was tested in person |  |  |

## The ADCS-PACC Questionnaires

| Logical Memory Test I: Immediate Recall Score | BL, M6, M12, M18, M24 | cog_Imem_immed_recall | Integer, Min=0, Max=25 | Form 27 | 1397 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| WAIS-R Digit Symbol Substitution: Raw Score | BL, M6, M12, M18, M24 | cog_waisr_raw | Integer, Min=0, Max=91 | Form 27 | 1399 |
| WAIS-R Digit Symbol Substitution: Scaled Score | BL, M6, M12, M18, M24 | cog_waisr_scaled | Integer, Min=0, Max=20 | Form 27 | 1400 |
| WAIS-R Digit Symbol Substitution: Age-Corrected Score | BL, M6, M12, M18, M24 | cog_waisr_agecorrected | Integer, Min=0, Max=20 | Form 27 | 1401 |
| Free and Total Free Recall from the Free and Cued Selective Reminding Test (FCSRT): Total Free Recall Score | BL, M6, M12, M18, M24 | cog_fcsrt_recall_free | Integer, Min=0, Max=48 | Form 27 | 1403 |
| Free and Total Free Recall from the Free and Cued Selective Reminding Test (FCSRT): Total Recall Score (Free and Cued) | BL, M6, M12, M18, M24 | cog_Imem_recall_total | Integer, Min=0, Max=48 | Form 27 | 1404 |
| Logical Memory Test II: Delayed Recall Score | BL, M6, M12, M18, M24 | cog_Imem_delay_recall | Integer, Min=0, Max=25 | Form 27 | 1407 |

## NIH Toolbox Components

| List Sorting Working Memory Test: Uncorrected Score | BL, M6, M12, M18, M24 | cog_Istsrt_wkmem_uncorr | Number, Min=55, Max=145 | Form 27 | 1409 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| List Sorting Working Memory Test: Age-Corrected Score | BL, M6, M12, M18, M24 | cog_lstsrt_wkmem_agecorr | Number, Min=55, Max=145 | Form 27 | 1410 |


| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form <br> Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
| List Sorting Working Memory Test: Fully-Corrected T-Score | BL, M6, M12, M18, M24 | cog_lstsrt_wkmem_tcorr | Number, Min=20, Max=80 | Form 27 | 1411 |
| Flanker Inhibitory Control and Attention: Uncorrected Score | BL, M6, M12, M18, M24 | cog_flanker_uncorrected | Number, Min=55, Max=145 | Form 27 | 1413 |
| Flanker Inhibitory Control and Attention: Age-Corrected Score | BL, M6, M12, M18, M24 | cog_flanker_agecorrected | Number, Min=55, Max=145 | Form 27 | 1414 |
| Flanker Inhibitory Control and Attention: Fully-Corrected T-Score | BL, M6, M12, M18, M24 | cog_flanker_tcorrected | Number, Min=20, Max=80 | Form 27 | 1415 |
| Dimensional Change Card Sort Test (DCCS): Uncorrected Score | BL, M6, M12, M18, M24 | cog_dccs_uncorrected | Number, Min=55, Max=145 | Form 27 | 1417 |
| Dimensional Change Card Sort Test; Age-Corrected Score | BL, M6, M12, M18, M24 | cog_dccs_agecorrected | Number, Min=55, Max=145 | Form 27 | 1418 |
| Dimensional Change Card Sort Test: Fully-Corrected T-Score | BL, M6, M12, M18, M24 | cog_dccs_tcorrected | Number, Min=20, Max=80 | Form 27 | 1420 |
| Pattern Comparison Processing Speed: Uncorrected Score | BL, M6, M12, M18, M24 | cog_pattern_uncorrected | Number, Min=55, Max=145 | Form 27 | 1421 |
| Pattern Comparison Processing Speed: Age-Corrected Score | BL, M6, M12, M18, M24 | cog_pattern_agecorrected | Number, Min=55, Max=145 | Form 27 | 1422 |
| Pattern Comparison Processing Speed: Fully-Corrected T-Score | BL, M6, M12, M18, M24 | cog_pattern_toorrected | Number, Min=20, Max=80 | Form 27 | 1423 |
| NIH PROMIS Battery |  |  |  |  |  |
| Anger T-Score | BL, M6, M12, M18, M24 | cog_anger_tscore | Number, Min=20, Max=80 | Form 27 | 1425 |
| Depression T-Score | BL, M6, M12, M18, M24 | cog_depression_tscore | Number, Min=20, Max=80 | Form 27 | 1427 |
| Self-Reported Physical Function T-Score | BL, M6, M12, M18, M24 | cog_sr_physfunc_tscore | Number, Min=20, Max=80 | Form 27 | 1429 |
| Sleep Disturbance T-Score | BL, M6, M12, M18, M24 | cog_sleep_disturb_tscore | Number, Min=20, Max=80 | Form 27 | 1431 |
| Sleep-Related Impairment T-Score | BL, M6, M12, M18, M24 | cog_sleep_impair_tscore | Number, Min=20, Max=80 | Form 27 | 1433 |
| Anxiety T-Score | BL, M6, M12, M18, M24 | cog_anxietyr_tscore | Number, Min=20, Max=80 | Form 27 | 1435 |
| Global Mental Health T-Score | BL, M6, M12, M18, M24 | cog_globmhealth_tscore | Number, Min=20, Max=80 | Form 27 | 1437 |
| Global Physical Health T-Score | BL, M6, M12, M18, M24 | cog_globphealth_tscore | Number, Min=20, Max=80 | Form 27 | 1439 |
| Applied Cognition General Concerns T-Score | BL, M6, M12, M18, M24 | cog_applied_tscore | Number, Min=20, Max=80 | Form 27 | 1441 |
| Applied Cognition Abilities T-Score | BL, M6, M12, M18, M24 | cog_applied_cog_tscore | Number, Min=20, Max=80 | Form 27 | 1443 |


| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form Number | Office Use Only |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cognitive Change Index |  |  |  |  |  |
| Cognitive Change Index (CCI) Total Score | BL, M6, M12, M18, M24 | cog_total | Number, Min=20.0, Max=100.0 | Form 27 | 1444 |
| GDS (Geriatric Depression Scale) |  |  |  |  |  |
| GDS Visit Date | BL, M12, M24 | \|gds_visit_date | Date in MDY format | Form 08 | 365 |
| Number of items answered | BL, M12, M24 | gds_answers | Scoring check | Form 08 | 385 |
| GDS Sum of all checked answers | BL, M12, M24 | gds_sum | Sum of all checked answers; Max 15 | Form 08 | 386 |
| Prorated Total GDS Score | BL, M12, M24 | gds_prorate | Prorated score based upon completing a minimum of 12 items (the sum of the completed items divided by the number of item responses times 15) | Form 08 | 389 |
|  |  |  | 0-15 completed instrument |  |  |
|  |  |  | 88=Did not complete the minimum of 12 items |  |  |
| Exercise Testing |  |  |  |  |  |
| Exercise Visit Date (Form 22) | BL, M12, M24 | ext_vo2_visit_date | Date in MDY format | Form 22 | 1143 |
| Peak V02 (L/min) | BL, M12, M24 | ext_vo2_peakv02 | Number, Min=0, Max=8) | Form 22 | 1161 |
| Peak V02 (m/kg/min) | BL, M12, M24 | ext_vo2_peakv02_2 | Number, Min=0, Max=80) | Form 22 | 1162 |
| MRI Measures |  |  |  |  |  |
| 3D T1 MPRAGE | BL, M24 |  | 3D T1 MPRAGE | Provided by the MRI Core |  |
| Resting-state fMRI | BL, M24 |  | Resting-state fMRI | Provided by the MRI Core |  |
| 3D pseudo-continuous ASL | BL, M24 |  | 3D pseudo-continuous ASL | Provided by the MRI Core |  |
| DTI | BL, M24 |  | DTI | Provided by the MRI Core |  |
| 2D T2 FLAIR | BL, M24 |  | 2D T2 FLAIR | Provided by the MRI Core |  |
| 2D T2**-weighted | BL, M24 |  | 2D T2*-weighted | Provided by the MRI Core |  |
| 2D Phase Contrast | BL, M24 |  | 2D Phase Contrast | Provided by the MRI Core |  |


| Intervention |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form Number | Office Use Only |
| BP Visit Date (Form 20) | BL, M6, M12, M18, M24 | bp_visit_date | Date in MDY format | Form 20 | 982 |
| Average 2nd and 3rd Seated Systolic | BL, M6, M12, M18, M25 | bp_sit_avg_systolic2_3 | Rounded average calculation | Form 20 | 1001 |
| Average 2nd and 3rd Seated Diastolic | BL, M6, M12, M18, M26 | bp_sit_avg_diastolic2_3 | Rounded average calculation | Form 20 | 1002 |
| Average 2nd and 3rd Seated Heart Rate | BL, M6, M12, M18, M27 | bp_sit_avg_hrate2_3 | Rounded average calculation | Form 20 | 1003 |
| Screening HgA1C Date of Draw | \|BL | lab_scr_draw_date | Date in MDY format, Min: 2016-12-01) | Form 19 | 961 |
| Hemoglobin A1C (U/L) (\%) | BL | lab_scr_hglobin_value | Number, Max: 5.7\% | Form 19 | 967 |
| CMP Date of Draw (Form 24) | BL, M12, M24 | lab_fup_draw_date | Date in MDY format; Min=2016-12-01) | Form 24 | 1228 |
| estimated GFR (eGFR) (ml/min) | BL, M12, M24 | lab_fup_gfr_value | Integer, Min=60, Max=120 | Form 24 | 1253 |
| Hemoglobin A1C (U/L) (\%) | M12, M24 | lab_fup_hemoglob_value | Number, Max: 5.7\% | Form 24 | 1318 |
| Total Cholesterol (mg/dL) | BL, M12, M24 | lab_fup_tot_chol | Integer, Min=125, Max=200 | Form 24 | 1322 |
| HDL Cholesterol (mg/dL) | BL, M12, M24 | lab_fup_hdl_chol_value | Integer, Min=39) | Form 24 | 1328 |
| Triglycerides (mg/dL) | BL, M12, M24 | lab_fup_triglyc_value | Integer, $\mathrm{Min}=50, \mathrm{Max}=150$ | Form 24 | 1333 |
| LDL Cholesterol (mg/dL) | BL, M12, M24 | lab_fup_IdI_chol_value | Integer, Max=100) | Form 24 | 1338 |
| BMP Date of Draw | M6, M18 | lab_bmp_draw_date | Date in MDY format; Min=2016-12-01) | Form 33 | 1666 |
| estimated GFR (eGFR) (ml/min) | M6, M18 | lab_bmp_crtgfr_val | Integer, Min=60, Max=120 | Form 33 | 1687 |


| Safety |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Field Label | Time Points | Variable / Field Name | Field Attributes (Field Type, Validation, Choices, | Form Number | Office Use Only |
| AE Onset Date | As event occurs | ae_onset_date | Date in MDY format | Form 15 | 730 |
| Serious Adverse Event (SAE); CATEGORIES OF SERIOUS ADVERSE EVENTS (outcome) | As event occurs | rae_classification | 1-results in death <br> 2-results in persistent or significant <br> disability/incapacity <br> 3-life-threatening condition <br> 4-requires medical or surgical intervention to <br> prevent impairment of a body function or <br> permanent damage to body structure <br> 5-requires inpatient hospitalization or prolongation <br> of an existing hospitalization <br> 6-Unknown | Form 16 | 738 |
| Does AE meet definition of SAE? | As event occurs | rae_eligible | $\begin{array}{\|l\|} \hline 1=\mathrm{Yes} \\ \hline 0=\mathrm{No} \\ \hline \end{array}$ | Form 16 | 740 |
| Is this a Reportable Adverse Event (RAE)? | As event occurs | rae_is | $\begin{aligned} & 1=\mathrm{Yes} \\ & \hline 0=\mathrm{No} \\ & \hline \end{aligned}$ | Form 16 | 744 |
| Was Subject hospitalized? | As event occurs | rae_hospitalized |  | Form 16 | 763 |
| If hospitalized, Admission date | As event occurs | rae_hospitalized_start | Date in MDY format | Form 16 | 764 |
| If hospitalized, Discharge date | As event occurs | rae_hospitalized_end | Date in MDY format | Form 16 | 765 |
| RAE Medra Term | As event occurs | rae_medra_code | text | Form 18 | 941 |
| What is the final status of the event? | As event occurs | rae_final_status | 1=Resolved without residual deficits <br> 2+Resolved with residual deficits <br> 3=Died <br> 4=Unknown [This should only be marked when <br> the <br> site is unable to make contact with the participant <br> or proxy or to obtain information in any other way.] | Form 18 | 942 |
| Date of resolution | As event occurs | rae_final_resolution_date | Date in MDY format | Form 18 | 943 |
| Date of death | As event occurs | rae_final_died_date | Date in MDY format | Form 18 | 944 |
| Cause of death | As event occurs | rae_final_died_cause | text | Form 18 | 945 |
| Severity | As event occurs | rae_final_severity | 1-Mild <br> 2-Moderate <br> 3-Severe <br> 4-Life threatening <br> 5-Fatal | Form 18 | 947 |
| Relationship of the adverse event to research | As event occurs | rae_final_research_rel | 1-Unrelated <br> 2-Unlikely <br> 3-Possible <br> 4-Probable <br> 5-Definite | Form 18 | 948 |

