

The below data dictionary is for the EA1141 analysis dataset: “ea1141\_baseline\_demog\_derived.sas7bdat”.

This dataset contains one record per participant registered, and is unique by SUBJECT\_DE. There are a total of 42 variables contained in this dataset.

Variable name	Variable definition	Code Table/Values
		‘Num’ signifies numeric variable  ‘Char’ signifies character/text variable  Otherwise, variables are numeric with coded values as indicated
<b>Demographic variables [16 variables]</b>		
SUBJECT_DE	De-identified case number ( <u>numeric</u> ).	Num
ENROLLING_IN_DE	De-identified Enrolling Institution [taken from the variable ENROLLING_SITE_ID from the Subject Enrollment form] ( <u>character</u> ).	Char (\$8)
CURRENT_IN_DE	De-identified Current Institution [taken from the variable SiteNumber from the Subject Enrollment form] ( <u>character</u> ).	Char (\$8)
RANDOM_DATE_YYYY RANDOM_DATE_DAYS	Randomization date [taken from TRT_ARM_ASGN_DATE from the Treatment Assignment form] ( <u>numeric, date</u> ).  <i><b>NOTE: Per HIPAA standards, for each date, the exact date is not given. Instead, two variables are supplied, one giving the year, and one giving days since the baseline date.</b></i>	Num
ARM	Treatment arm [taken from the variable PROT_TX_ARM_ASS_TXT from the Treatment Assignment form] ( <u>numeric, code table</u> ).	1=Arm A (DBT first)
		2=Arm B (MRI first)
ELIG	Patient eligibility status [taken from the variable ELIG STATUS from the A1 form] ( <u>numeric, code table</u> ).  <i><b>NOTE: Cases are assumed eligible, unless there is an A1 form record denoting ineligibility with ELIG_STATUS=Ineligible.</b></i>	0=Ineligible
		1=Eligible

INELIG_REASON	Reason for the ineligibility [taken from the variable CS STATUS PROT from the A1 form] (numeric, code table).	.N=Patient is eligible
		1=Previous breast MRI, found post-registration
		2=Previous breast ultrasound within 12 months, found post-registration
DOB_YYYY DOB_DAYS	Patient's date of birth [taken from PER_BIR_DT from the Demography form] (numeric, date).	Num
<div>This column is removed</div>		
AGE	Participant age at study enrollment [taken from PARTIC_ENROL_DT from the Subject Enrollment form and PER_BIR_DT from the Demography form] (numeric).	Num
SEX	Participant sex [taken from PERSON_GENDER from the Demography form] (numeric, code table).	1=Female
RACE	Participant race [derived from the Demography form from the RACE_CAT_TXT variable] (numeric, code table).	1=American Indian/Alaskan Native
		2=Asian
		3=Black/African American
		4=Native Hawaiian/Pacific Islander
		5=White
		6=Multiple races reported
		98=Not reported
		99=Unknown
ETHNICITY	Participant ethnicity [derived from the Demography form from the ETHN_GRP_CAT_TXT variable] (numeric, code table).	1=Hispanic/Latino
		2=Not Hispanic/Latino
		98=Not reported
		99=Unknown
INSURANCE_FULL	Method of payment [derived from the Demography form from the PAYMENT_METHOD variable] (numeric, code table).	1=Private insurance
		2=Medicare
		3=Medicare and Private insurance
		4=Medicaid
		5=Medicaid and Medicare

		6=Military sponsored (including CHAMPUS & TRICARE) 7=Veterans sponsored 8=Military or veterans sponsored NOS 9=Self pay (no insurance) 10=No means of payment (no insurance) 98=Other 99=Unknown
INSURANCE_COLLAPSE	Method of payment - collapsed [derived from the Demography form from the PAYMENT_METHOD variable] (numeric, code table).  <b>NOTE: Collapsed as follows:</b>  if PAYMENT METHOD in("PRIVATE INSURANCE","OTHER","MEDICARE AND PRIVATE INSURANCE") then insurance_collapse=1;  else if PAYMENT METHOD in("MEDICARE","MEDICAID AND MEDICARE","MILITARY SPONSORED (INCLUDING CHAMPUS & TRICARE)","VETERANS SPONSORED") then insurance_collapse=2;  else if PAYMENT METHOD in("MEDICAID","NO MEANS OF PAYMENT (NO INSURANCE)","SELF PAY (NO INSURANCE)","Unknown") then insurance_collapse=3;	1=Private insurance 2=Medicare/Other government insurance 3=Medicaid/Uninsured
<b>Patient History and Genetic and Medical History variables [26 variables]</b>		
PRIOR_BREAST_DENSITY	Breast density on the most recent prior mammogram [taken from BRST_DSTY from the Patient History form] (numeric, code table).	1=Almost entirely fat (<25% fibroglandular) 2=Scattered fibroglandular densities (25%-50% fibroglandular) 3=Heterogeneously dense (51%-75% fibroglandular) 4=Extremely dense (>75% fibroglandular)
PRIOR_BENIGN_BIOP	Prior benign breast biopsy [taken from BX_HX_LEFT and BX_HX_RIGHT from the Patient History form] (numeric, code table).	.M=Missing 1=None 2=Left breast only 3=Right breast only

		4=Both breasts
PRIOR_BENIGN_BIOP_TOT	Total number of prior benign breast biopsies [taken from BX_HX_LEFT and BX_HX_RIGHT from the Patient History form] (numeric).	Num .M=Missing
PRIOR_BIOP_ADH	<p>Did any prior biopsy show Atypical Ductal Hyperplasia (ADH) [taken from BX_ADH_YN from the Patient History form] (numeric, code table).</p> <p><b>NOTE 1: One case (9866712) had missing data for the elements BX_HX_LEFT and BX_HX_RIGHT on the Patient History form, but the ADH, ALH and LCIS questions on that form were answered No. For consistency, these 3 elements were set to .M for this case.</b></p> <p><b>NOTE 2: One case (9011509), BX_HX_LEFT and BX_HX_RIGHT are both equal to 0, but the ADH, ALH, LCIS questions on that form were answered No. For consistency, these 3 elements were set to .N for this case.</b></p>	.M=Missing
		.N=N/A (no prior biopsies)
		0=No
		1=Yes
PRIOR_BIOP_ALH	<p>Did any prior biopsy show Atypical Lobular Hyperplasia (ALH) [taken from BX_ALH_YN from the Patient History form] (numeric, code table).</p> <p><b>NOTE 1: One case (9866712) had missing data for the elements BX_HX_LEFT and BX_HX_RIGHT on the Patient History form, but the ADH, ALH and LCIS questions on that form were answered No. For consistency, these 3 elements were set to .M for this case.</b></p> <p><b>NOTE 2: One case (9011509), BX_HX_LEFT and BX_HX_RIGHT are both equal to 0, but the ADH, ALH, LCIS questions on that form were answered No. For consistency, these 3 elements were set to .N for this case.</b></p>	.M=Missing
		.N=N/A (no prior biopsies)
		0=No
		1=Yes
PRIOR_BIOP_LCIS	<p>Did any prior biopsy show Lobular Carcinoma In Situ (LCIS) [taken from BX_LCIS_YN from the Patient History form] (numeric, code table).</p> <p><b>NOTE 1: One case (9866712) had missing data for the elements BX_HX_LEFT and BX_HX_RIGHT on the Patient History form, but the ADH, ALH and LCIS questions on that form were answered No. For consistency, these 3 elements were set to .M for this case.</b></p> <p><b>NOTE 2: One case (9011509), BX_HX_LEFT and BX_HX_RIGHT are both equal to 0, but the ADH, ALH, LCIS questions on that form were answered No. For consistency, these 3 elements were set to .N for this case.</b></p>	.M=Missing
		.N=N/A (no prior biopsies)
		0=No
		1=Yes

DATE_LAST_CLINEXAM_YYYY DATE_LAST_CLINEXAM_DAYS	<p>Date of last clinical breast exam [taken from CLIN_BRST_EXAM_DT from the Patient History form] (<u>numeric, date</u>).</p> <p><b>NOTE 1: Per HIPAA standards, for each date, the exact date is not given. Instead, two variables are supplied, one giving the year, and one giving days since the baseline date.</b></p> <p><b>NOTE 2: One case (295773) gave a date from 1901 ('UNK 01 1901'), which is nonsensical. Given that this value could not be corrected, these variables were hardcoded to .M for this case.</b></p> <p><b>NOTE 3: There were some number of partial dates. When the year was known, but the exact day was not, DATE_LAST_CLINEXAM_YYYY will be populated, but DATE_LAST_CLINEXAM_DAYS will be set to .M.</b></p>	<p>Num</p> <p>.M=Missing</p>
AGE_FIRSTMENSTRUAL	<p>Age at first menstrual period [taken from AGE_PRD from the Genetic and Medical History form] (<u>numeric</u>).</p>	<p>Num</p> <p>.F=Form not submitted .U=Unknown (value of 0 entered) .M=Missing</p>
LASTMENSTRUAL	<p>How long ago was the patient's last menstrual period [taken from LAST_MENST_PRD from the Genetic and Medical History form] (<u>numeric, code table</u>).</p>	<p>.F=Form not submitted .M=Missing 1=Within the last month 2=Less than 1 year ago 3=More than 1 year ago 4=Unknown/Can't remember 5=Surgical menopause</p>
NUM_LIVE_BIRTHS	<p>Number of live births [taken from NUM_BIRTH from the Genetic and Medical History form] (<u>numeric</u>).</p>	<p>Num</p> <p>.F=Form not submitted .M=Missing</p>
AGE_FIRSTLIVEBIRTH	<p>Age at first live birth [taken from AGE_BIRTH from the Genetic and Medical History form] (<u>numeric</u>).</p> <p><b>NOTE: When NUM_LIVE_BIRTHS=0, then AGE_FIRSTLIVEBIRTH=.N.</b></p>	<p>Num</p> <p>.F=Form not submitted .N=N/A .M=Missing</p>

BRA_CUPSIZE	Bra cup size [taken from CUP_SIZE from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		.M=Missing
		1=A
		2=B
		3=C
		4=D
		5=DD
		6=Other
GENETIC_HNPCC	Genetic changes found by test: HNPCC [taken from HNPCC from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		0=No (checkbox unchecked)
		1=Yes (checkbox checked)
GENETIC_PTEN	Genetic changes found by test: PTEN [taken from PTEN from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		0=No (checkbox unchecked)
		1=Yes (checkbox checked)
GENETIC_P53	Genetic changes found by test: P53 [taken from P5 from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		0=No (checkbox unchecked)
		1=Yes (checkbox checked)
GENETIC_OTHER	Genetic changes found by test: Other [taken from OTH from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		0=No (no text entered)
		1=Yes (free text entered)
GENETIC_OTHER_SPECIFY	<p>Genetic changes found by test: Other, specify [taken from OTH from the Genetic and Medical History form] (character).</p> <p><b>NOTE1: If GENETIC_OTHER=0, then GENETIC_OTHER_SPECIFY=.N.</b></p> <p><b>NOTE2: Some text entries noted that patient did not have genetic testing, or something to that effect. For the following text entries, GENETIC_OTHER was set to 0 and GENETIC_OTHER_SPECIFY was set to .N:</b>  "NA",  "No, I have not been tested",  "Per patient, patient has not undergone genetic testing.",  "pt has not had genetic testing"</p>	Char (\$400.)  .F=Form not submitted .N=N/A
FAM_HISTORY_BC	Does the patient have any family history of breast cancer? [taken from FAM_HX_BRST_CAN_YN from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		.M=Missing
		0=No
		1=Yes

FAM_HISTORY_OC	Does the patient have any family history of ovarian cancer? [taken from FAM_HX_OV_CAN_YN from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		.M=Missing
		0=No
		1=Yes
PRIOR_HORMONEUSE	Does the patient have a history of hormone use? [taken from NO_MED_HX and MED from the Genetic and Medical History form] (numeric, code table).	.F=Form not submitted
		.M=Missing
		0=No
		1=Yes
PRIOR_HORMONE_NUM	<p>Number of unique reported hormone agents [taken from MED from the Genetic and Medical History form] (numeric).</p> <p><b>NOTE1: If PRIOR_HORMONEUSE=No, then PRIOR_HORMONENUM=0.</b></p> <p><b>NOTE2: The same agent reported twice (or more) with different dates is only counted once.</b></p>	<p>Num</p> <p>.F=Form not submitted</p> <p>.M=Missing</p>
PRIOR_HORMONEUSE_1	<p>Name of 1<sup>st</sup> unique reported hormone agent [taken from MED from the Genetic and Medical History form] (character).</p> <p><b>NOTE: If PRIOR_HORMONENUM=0, then PRIOR_HORMONEUSE_1=N.</b></p>	<p>Char (\$400.)</p> <p>.F=Form not submitted</p> <p>.M=Missing</p> <p>.N=N/A</p>
PRIOR_HORMONEUSE_2	<p>Name of 2<sup>nd</sup> unique reported hormone agent [taken from MED from the Genetic and Medical History form] (character).</p> <p><b>NOTE: If PRIOR_HORMONENUM in(0,1), then PRIOR_HORMONEUSE_2=N.</b></p>	<p>Char (\$400.)</p> <p>.F=Form not submitted</p> <p>.M=Missing</p> <p>.N=N/A</p>
PRIOR_HORMONEUSE_3	<p>Name of 3<sup>rd</sup> unique reported hormone agent [taken from MED from the Genetic and Medical History form] (character).</p> <p><b>NOTE: If PRIOR_HORMONENUM in(0,1,2), then PRIOR_HORMONEUSE_3=N.</b></p>	<p>Char (\$400.)</p> <p>.F=Form not submitted</p> <p>.M=Missing</p> <p>.N=N/A</p>
PRIOR_HORMONEUSE_4	<p>Name of 4<sup>th</sup> unique reported hormone agent [taken from MED from the Genetic and Medical History form] (character).</p> <p><b>NOTE: If PRIOR_HORMONENUM in(0,1,2,3), then PRIOR_HORMONEUSE_4=N.</b></p>	<p>Char (\$400.)</p> <p>.F=Form not submitted</p> <p>.M=Missing</p> <p>.N=N/A</p>