

Cohort, Exam 4

Ankle Brachial Index Data

Ankle blood pressure measurements.

ARMSBP43		Redefined Supine Brachial SBP
N	Value	Description
6418	Range	46 - 236 (median=135 mean=137.5 std=23.2)
9374		Missing

BPUB02		Ankle Systolic BP
N	Value	Description
6418	Range	57 - 242 (median=157 mean=157.4 std=27.4)
9374		Missing

ID		ARIC Subject ID (Cir)
N	Value	Description
15792	Present	Text suppressed

ABI44		Ankle-Brachial Index, V4 (Definition 4)
N	Value	Description
6404	Range	0.409574 - 1.970149 (median=1.173228 mean=1.1556545 std=0.1708144)
9388		Missing

If BPUB02 and ARMSBP43 are '.' (missing), then ABI44= '.' (missing)
 If ARMSBP43=.R or BPUB02=.R, then ABI44=.R (missing due to out of range value)
 If BPUB02 minus ARMSBP43 is <75, then ABI44 = BPUB02/ARMSBP43.
 If BPUB02 minus ARMSBP43 is >75, then ABI44 = .S (missing due to out of range interval between Ankle and Arm BP)

Ankle BP (BPUB02)				
Arm BP (ARMSBP43)		Missing (not measured)	.R (out of range value)	Valid value 30-245,inclusive
	Missing (not measured)	ABI44= '.'	ABI44= '.'	ABI44= '.'
	.R (out of range value)	ABI44= '.'	ABI44= '.R'	ABI44= '.R'
	Valid value 30-245,inclusive	ABI44= '.'	ABI44= '.R'	If (BPUB02 minus ARMSBP43) <75, then ABI44 = BPUB02/ARMSBP43. If (BPUB02 minus ARMSBP43) ≥ 75, then ABI44 = .S (missing due to out of range interval between Ankle and Arm BP)

Cohort, Exam 4

ABIV4		ABI Measured At V4
N	Value	Description
5237	N	ABI44= '.'
2	R	ABI44= '.R'
13	S	ABI44 = '.S'
6404	Y	ABI44= > 0
4136		Missing

If ABI44= > 0, then ABIV4=Y (ABI measured at V4 and has a valid value)
 If ABI44 = '.S', then ABIV4= S (ABI measured at V4, but value is invalid)
 If ABI44= '.R', then ABIV4=R (ABI measured at V4, but one or both BP values out of range, so no valid value)
 If ABI44= '.', then ABIV4=N (ABI not measured at V4)

INCPAD		Incident PAD At V3 Or V4
N	Value	Description
2360	S	Special missing
986	0	No
515	1	Yes
11931		Missing

INCPAD=1 if INCPAD3=1 or INCPAD4=1;
 INCPAD=0 if INCPAD3=0 and INCPAD4=0;
 INCPAD=.S (special missing) if ABIV1=Y and ABIV3=N and ABIV4=N;
 INCPAD= '.' (missing) otherwise.

INCPAD (Incident PAD at Visits 3 or 4)

		INCPAD3	
INCPAD4	. (Missing)	. (Missing)	0 1
		.S if ABIV1= Y and ABIV3=N and ABIV4=N	. 1
	0	0	0 1
		1	1 1
		1	1 1

Cohort, Exam 4

INCPAD4		Incident PAD At V4
N	Value	Description
5680	0	No
328	1	Yes
9784		Missing

INCPAD4=1 if (PAD01=0 and (PAD31=0 or '.') and PAD41=1) or if (PAD01='.' and PAD31=0 and PAD41=1);
 INCPAD4=0 if (PAD01=0 and (PAD31=0 or '.') and PAD41=0) or if (PAD01='.' And PAD03=0 and PAD04=0);
 INCPAD4=missing , otherwise.

INCPAD4 (Incident PAD at Visit 4)

PAD01='.'		PAD41		
		. (Missing)	0	1
PAD31	. (Missing)	.	.	.
	0	.	0	1
	1	.	.	.

INCPAD4 (Incident PAD at Visit 4)

PAD01=0		PAD41		
		. (Missing)	0	1
PAD31	. (Missing)	.	0	1
	0	.	0	1
	1	.	.	.

INCPAD4 (Incident PAD at Visit 4)

PAD01=1		PAD41		
		. (Missing)	0	1
PAD31	. (Missing)	.	.	.
	0	.	.	.
	1	.	.	.

LEGANK41		Leg For Ankle BP At V4, Definition 1
N	Value	Description
5237	.	Missing
3165	LSCAN	UBAB02D (Scan date, day)= an even #
22	LVISIT	UBAB02D (Scan date, day) is missing and V4DATE41= an even # for the day part
3200	RSCAN	UBAB02D (Scan date, day)= an odd #
32	RVISIT	UBAB02D (Scan date, day) is missing and V4DATE41= an odd # for the day part
4136		Missing

If ABIV4=yes or .R or .S, then
 LEGANK41=RSCAN if UBAB02D (Scan date, day)= an odd #
 LEGANK41=LSCAN if UBAB02D (Scan date, day)= an even #
 LEGANK41=RVISIT if UBAB02D (Scan date, day) is missing and V4DATE41= an odd # for the day part
 LEGANK41=LVISIT if UBAB02D (Scan date, day) is missing and V4DATE41= an even # for the day part

Cohort, Exam 4

<i>LEGSAM14</i>		<i>Same Leg-Ankle BP At V1 & V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9618	.	Missing
3044	N	No
3130	Y	Yes

LEGSAM14=Y (yes) if {(LEGANK01=RPOP OR RID) & (LEGANK41=RSCAN OR RVISIT)} or if
 {(LEGANK01=LPOP OR LID) & (LEGANK41=LSCAN OR LVISIT)}

LEGSAM14=N (no) otherwise

LEGSAM14 (Same leg used at visits 1 and 4)

Leg of ankle measurement at Visit 1 LEGANK01					
		RPOP	LPOP	RID	LID
Leg of ankle measurement at Visit 4 LEGANK41	RSCAN	Y	N	Y	N
	LSCAN	N	Y	N	Y
	RVISIT	Y	N	Y	N
	LVISIT	N	Y	N	Y

<i>LEGSAM34</i>		<i>Same Leg-Ankle BP At V3 & V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14668	.	Missing
566	N	No
558	Y	Yes

LEGSAM34=Y (yes) if {(LEGANK31= RSCAN OR RVISIT) & (LEGANK41=RSCAN OR RVISIT)} or if
 {(LEGANK31= RSCAN OR RVISIT) & (LEGANK41=LSCAN OR LVISIT)}

LEGSAM34=N (no) otherwise

LEGSAM34 (Same leg used at visits 3 and 4)

Leg of ankle measurement at Visit 3 LEGANK31					
		RSCAN	LSCAN	RVISIT	LVISIT
Leg of ankle measurement at Visit 4 LEGANK41	RSCAN	Y	N	Y	N
	LSCAN	N	Y	N	Y
	RVISIT	Y	N	Y	N
	LVISIT	N	Y	N	Y

<i>PAD41</i>		<i>PAD41(Peripheral Artery Disease, V4-Definition 1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6011	0	No
393	1	Yes
9388		Missing

If GENDER=M and ABI44<.90, and not missing (not =, .R, or .S) then PAD41=1 (present)

If GENDER=M and ABI44>.90, then PAD41=0 (absent).

If GENDER=F and ABI44<.85, and not missing (not =, .R, or .S) then PAD41=1 (present)

If GENDER=F and ABI44>.85, then PAD41=0 (absent).

Otherwise, PAD41=missing

Cohort, Exam 4

<i>PAD42</i>		<i>PAD42(Peripheral Artery Disease, V4-Definition 2, ABI<.9 For Both Genders)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5932	0	No
472	1	Yes
9388		Missing

If $ABI44 < .90$ and not missing (not = ., .R, or .S), then $PAD42=1$ (present)

And if $ABI44 > .90$, then $PAD42=0$ (absent).

Otherwise, $PAD42=$ missing