

**Cohort, Exam 3****Ankle Brachial Index Data**

Ankle blood pressure measurements.

<i>ARMSBP33</i>		<i>Redefined Supine Brachial SBP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4578	Range	76 - 245 ( median=129 mean=132.2 std=23.8 )
11214		Missing

<i>BPUA02</i>		<i>Ankle Systolic BP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4581	Range	47 - 241 ( median=149 mean=150.0 std=26.6 )
11211		Missing

<i>ID</i>		<i>ARIC Subject ID (Cir)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15792	Present	Text suppressed

<i>ABI34</i>		<i>Ankle-Brachial Index, V3(Definition 4.)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4575	Range	0.288344 - 1.738095 ( median=1.153153 mean=1.1445854 std=0.1578922 )
11217		Missing

If BPUA02 and ARMSBP33 are '.', then ABI34= '.' (missing)

If ARMSBP33 =.R or if BPUA02=.R, then ABI34=.R (missing due to out of range value)

If BPUA02 minus ARMSBP33 is &lt;75, then ABI34 = BPUA02/ARMSBP33.

If BPUA02 minus ARMSBP33 is &gt; 75, then ABI34 = .S (missing due to out of range interval between Ankle and Arm BP)

Table assignment of values to ABI34

Arm BP (ARMSBP33)		Missing (not measured)	.R (out of range value)	Valid value 30-245,inclusive
	Missing (not measured)	ABI34= '.'	ABI34= '.'	ABI34= '.'
	.R (out of range value)	ABI34= '.'	ABI34= '.R'	ABI34= '.R'
	Valid value 30-245,inclusive	ABI34= '.'	ABI34= '.R'	If (BPUA02 minus ARMSBP33)<75, then ABI34 = BPUA02/ARMSBP33.  If (BPUA02 minus ARMSBP33) ≥ 75, then ABI34 =.S (missing due to out of range interval between Ankle and Arm BP)

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ABIV3		ABI Measured At V3
N	Value	Description
8306	N	ABI34='.'
3	R	ABI34='.R'
3	S	ABI34='.S'
4575	Y	ABI34=>0
2905		Missing

If ABI34= > 0, then ABIV3=Y (ABI measured at V3 and has a valid value)  
 If ABI34 = '.S', then ABIV3= S (ABI measured at V3, but value is invalid)  
 If ABI34= '.R', then ABIV3=R (ABI measured at V3, but one or both BP values out of range, so no valid value)  
 If ABI34= '.', then ABIV3=N (ABI not measured at V3)

INCPAD3		Incident PAD At V3
N	Value	Description
4158	0	No
187	1	Yes
11447		Missing

INCPAD3=1 if PAD01=0 and PAD31=1;  
 INCPAD3=0 if PAD01=0 and PAD31=0;  
 INCPAD3=missing , otherwise.

INCPAD3 (Incident PAD at Visit 3)

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

LEGANK31		Leg For Ankle BP At V3, Def. 1
N	Value	Description
8306	.	
2226	LSCAN	UBAA02D (Scan date, day)= an even #
30	LVISIT	UBAA02D (Scan date, day) is missing and V3DATE31= an odd # for the day part
2290	RSCAN	RSCAN if UBAA02D (Scan date,day)= an odd #
35	RVISIT	UBAA02D (Scan date, day) is missing and V3DATE31= an odd # for the day part
2905		Missing

If ABIV3=yes or .R or .S, then  
 LEGANK31=RSCAN if UBAA02D (Scan date,day)= an odd #  
 LEGANK31=LSCAN if UBAA02D (Scan date, day)= an even #  
 LEGANK31=RVISIT if UBAA02D (Scan date, day) is missing and V3DATE31= an odd # for the day part  
 LEGANK31=LVISIT if UBAA02D (Scan date, day) is missing and V3DATE31= an even # for the day part

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LEGSAM13		Same Leg-Ankle BP At V1 & V3
N	Value	Description
11350	.	Missing
2183	N	No
2259	Y	Yes

LEGSAM13=Y (yes) if {(LEGANK01=RPOP OR RID) & (LEGANK31=RSCAN OR RVISIT)} or if {(LEGANK01=LPOP OR LID) & (LEGANK31=LSCAN OR LVISIT)}

LEGSAM13=N (no) otherwise

## LEGSAM13 (Same leg at visits 1 and 3)

Leg of ankle measurement at Visit 1 LEGANK01					
Leg of ankle measurement at Visit 3 LEGANK31		RPOP	LPOP	RID	LID
	RSCAN	Y	N	Y	N
	LSCAN	N	Y	N	Y
	RVISIT	Y	N	Y	N
	LVISIT	N	Y	N	Y

PAD31		PAD31(Peripheral Artery Disease, V3-Def 1.)
N	Value	Description
4353	0	No
222	1	Yes
11217		Missing

If GENDER=M and ABI34<.90, and not missing (not =., .R, or .S) then PAD31=1 (present)

If GENDER=M and ABI34>.90, then PAD31=0 (absent).

If GENDER=F and ABI34<.85, and not missing (not =., .R, or .S) then PAD31=1 (present)

If GENDER=F and ABI34>.85, then PAD31=0 (absent).

Otherwise, PAD31=missing

PAD32		PAD32(Peripheral Artery Disease, V3-Def 2., Abi<.9 For Both Genders)
N	Value	Description
4303	0	No
272	1	Yes
11217		Missing

If ABI34<.90 and not missing (not =., .R, or .S), then PAD32=1 (present)

And if ABI34>.90, then PAD32=0 (absent).

Otherwise, PAD32=missing