# NHLBI GROWTH AND HEALTH STUDY INITIAL EXAMINATION FORM - A

		•
This form is to be complet guardian enrolled in the s	ed by a clinical examiner for eaturdy at the time of the baseline	e examination.
ID number of parent/guardia	in:	
Name code of parent/guardia	an:	
Visit number:		<u>0</u> <u>0</u>
Please <u>PRINT</u> the full name	of the parent/guardian:	
First Name	Middle Initial	Last Name
Date of examination:	Month	Day Year
Is the parent/guardian male	e or female?MA	LFEM Male Female

I D NC VN		VISIT	RID	FTYPE NGHS FO FKEV Rev. 0 5 Pages	
		NHLBI GROWTH AND	HEALTH STUDY		
		INITIAL EXAMINAT	ION FORM - A		
1.	Has the participanthe last day?	t smoked one or mo	ore cigarettes with ΚΖDΥ	nin YES	NO
Blood	i Pressure Measurem	ents			
2.	Is the blood press	ure being taken in	n the right arm?	RTARM	
	Yes	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	1
	No, it is nece	ssary to use the l	eft arm	• • • • • • • • • • • • • • • • • • • •	2

If  $\underline{\text{NO, IT IS NOT POSSIBLE TO USE EITHER ARM}}$ , skip to Question 11 on page 3.

If NO, explain: NREMK

No, it is not possible to use either arm ......

3.	Cuff size used: CUFF
	Infant (10 - 18 cm)
	Child (> 18 - 25 cm)
	Adult (> 25 - 34 cm)
	Large arm (> 34 - 47 cm)
	Thigh (> 47 - 66 cm)
	No proper fit (< 10 cm or > 66 cm)
	If NO PROPER FIT, skip to Question 11 on page 3.
4.	Pressure required to obliterate pulse (enter PULSPRES largest value if two attempts were made): mmHg
5.	Maximum inflation level (MIL: Value in Question 4 plus 30):
6.	Is MIL (Question 5) 260 or higher, or did participant MILZGO have pain when MIL was being determined, or were attempts to determine MIL unsatisfactory?
	If <u>YES</u> , skip to Question 10.
II	VN

NGHS Form 07 Rev. 0 3/87 Page 3 of 5

	Systolic, mmHg		lic (5th
Blood pressure, first reading			
Measure pulse on same arm as bloo 12 before second and third blood			l and
Blood pressure, second reading	• • • • • • • • • • • • • • • • • • • •		
Blood pressure, third reading	SY5AV 	DIA	5AV
Were there any problems or special determining the MIL or taking bloo	occurrences while		
If YES, specify PREM	IK	YE	S NO
Site of pulse measurement:			т
	Radial	• • • • • • • • • • • • • • • • • • • •	L_
SITEPUL	Brachial	••••••	[
	Chest	•••••	
	Not possible to m	easure pulse	[
If NOT POSSIBLE TO MEASURE PULSE,	skip to Question	13.	
Pulse reading (number of beats cou to be measured on same arm as bloo and second blood pressure readings	d pressure between	first 17	LSE ·
Signature of blood pressure and pu	lse observer:	016NI	
D of blood pressure and pulse obse	erver:	BPIONI	BPIE
	7	VN	

2

		A	В	a	
		First Measurement	Second Measurement	C Third (if necessary	<u>/)</u>
ō.	Height, cm . HTAV		·	·_	_
·	Weight, kg WTAV			·	-
	Triceps skinfold TRI	CAV			
3.	Signature of taker of ant	hropometric measu	rement:	NZ	_
•	ID of taker of anthropome	tric measurements	:	_	
				• —— ——	_
	and the specific			TIDNI ANT	- -
				TIDNI ANT	- - - 
				TIDNI ANT	- - <b>1</b>
				TIDNI ANT	- 
				TIDNI ANT	
				TIDNI ANT	
				TIDNI ANT	
				TIDNI ANT	

VN

ID

20.	Examiner's a box under th	ssessment e figure t	of the bo hat look	ody shap s <u>most</u> 1	e of exam ike the e	inee. Pl xaminee.	ease marl	c the
	A. For men:		MIM	AGA				
	A B			E E	F F	G G		I
F	3. <u>For wome</u> r	<u>ı</u> :	WI	1MAG/	4			
				E	F	G G	H	
21. S	signature of	body shape	examine	r:	516N.			
22. I	D of body sh	ape examin	er:	• • • • • • •	•••••	BSEI		. <u>B</u> SEIDN2
ID						VN		



# NHLBI Growth And Health Study Examination Form - A

FTYPE NGHS FORM 07 Rev. 1 1/89 5 Pages

RID ID NC VISIT VN

1. What is today's date?						
			Month	Day	Yea	ır
2. Is the adult participant male	or female? MA	LFEM		 Male	[ Fema	] .le
3. Have you smoked one or mo	re cigarettes within the last	day?	DΫ	Yes	No	]
BLOOD PRESSURE MEASURE	MENTS					
4. Is the blood pressure being to	aken in the right arm?	RTARM	<b>.</b>			
Y	es					1
N	o, it is necessary to use the	left arm				2
N	o, it is not possible to use e	either arm				3
If NO, explain:	NREMK					

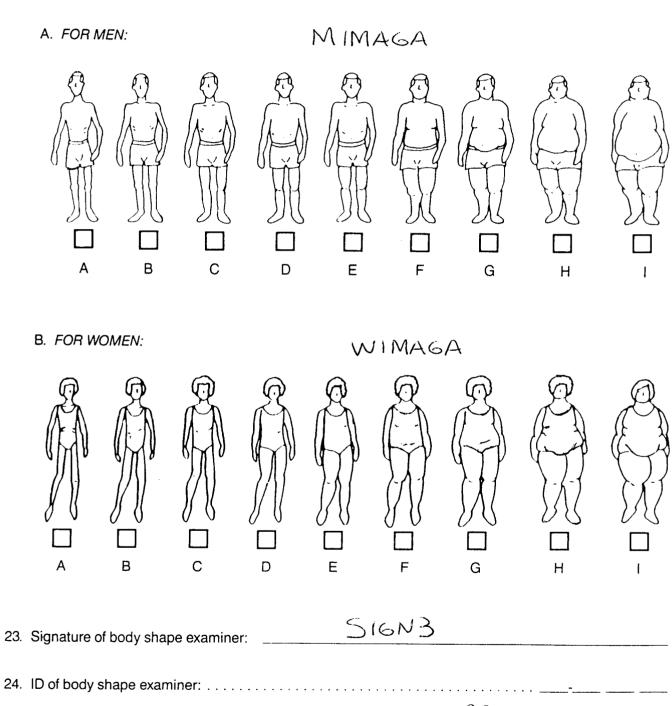
If NO, IT IS NOT POSSIBLE TO USE EITHER ARM, skip to Question 12 on page 3.

5. Cuff size used:			
3. Guil size asea.	Infant (10 - 18 cm)		1
	Child (> 18 - 25 cm)		<del> </del>
CUFF	Adult (> 25 - 34 cm)		3
	Large arm (> 34 - 47 cm)		4
	Thigh (> 47 - 66 cm)		5
	No proper fit (< 10 cm or > 66 cm)		6
If NO DRODER EIT akin to (	Quarties 12 on page 3		
If NO PROPER FIT, skip to 0	Question 12 on page 3.		
attempts were made):		LSPRES	mmHg
		Systolic, mmHg	Diastolic (5th phase), mmHg
8. Blood pressure, first read	ling	····	
Measure pulse on same arr before second and third blo	n as blood pressure. Answer Questions 12 an od pressure readings.	d 13	
9. Blood pressure, second	reading		
10. Blood pressure, third rea	5Y5AV <		Y AC+-11C1 C

11.	11. Were there any problems or special occurrences while determining the MIL or taking blood pressures?	ROB No
	If YES, specifyPREM	<u>K</u>
10	12. Site of pulse management.	
12.	12. Site of pulse measurement: STT  Radial	EPUL1
	Brachial	2
	Not possible to measure pulse	
<u></u>	If NOT POSSIBLE TO MEASURE PULSE, skip to Question 14.  13. Pulse reading (number of beats counted in 30 seconds), to be meablood pressure between first and second blood pressure reading.	1 0,5 0
14.	14. NOTIFICATION LEVELS  > 150/100 - Check with physician within 2 weeks.  > 140/90 - Check with physician within 3 months.	
	I have notified participant of these readings and (s)he	
	has received such notification.	
	Signature:	
15.	5. Signature of blood pressure and pulse observer:	>N.I
16.	6. ID of blood pressure and pulse observer:	BPIDNI BPIDNZ

AN	THROPOMETRIC MEASUREMENTS	3			
17.	Height, cm HTAV	A First Measurement	B Second Measurement	(if ne	C Third cessary) 
	Weight, kg				·
19.	Triceps skinfold (right), mm	TRICAV			
	Check here if ≥ 50 mm		TRIC50		
20.	Signature of taker of anthropometr	ric measurement:	516NZ		
21.	ID of taker of anthropometric meas	surements:			PRINT ALL VALUE VA
			ANTID	NI	ANTI DN

22. Examiner's assessment of the body shape of examinee. Please mark the box under the figure that looks *MOST* like the examinee.



BSEIDNI BSEIDNZ



# NHLBI GROWTH AND HEALTH STUDY EXAMINATION FORM

RID

ID

FTYPE NGHS Form 07 Rev. 2 10/90 FREV 5 Pages

VISIT VN
VISIT
1. Is the adult participant male or female?
2. Have you smoked one or more cigarettes within the last day? Yes No
BLOOD PRESSURE MEASUREMENTS
3. Is the blood pressure being taken in the right arm? $RTARM$
Yes
No, it is necessary to use the left arm $\square$
No, it is not possible to use either arm
If No, explain NREMK

IF NO, IT IS NOT POSSIBLE TO USE EITHER ARM, skip to Question 11 on page 3.

4.	Cuff size used: CUFF
	Infant (10 - 18 cm)
	Child ( > 18 - 25 cm)
	Adult ( > 25 - 34 cm)
	Large arm ( > 34 - 47 cm)
	Thigh ( > 47 - 66 cm)
	No proper fit ( < 10 cm or > 66 cm)
	IF NO PROPER FIT, skip to Question 11 on page 3.
<ul><li>5.</li><li>6.</li></ul>	Pressure required to obliterate pulse (enter largest value PULSPRES if two attempts were made):
	Measure pulse on same arm as blood pressure. Answer Questions 11 and 12 before second and third blood pressure readings.
	Diastolic Systolic, (5th phase), mmHg mmHg
7.	Blood pressure, first reading
8.	Blood pressure, second reading
9.	Blood pressure, third reading
10.	Were there any problems or special occurrences while PROB
	If Yes, specify PREMK

11.	Site of pulse measurement: SITEPUL
	Radial
	Brachial
	Not possible to measure pulse
	IF NOT POSSIBLE TO MEASURE PULSE, skip to Question 13.
12.	Pulse reading (number of beats counted in 30 seconds), to be measured on same arm as blood pressure between first and pulse second blood pressure readings:
13.	NOTIFICATION LEVELS
	<pre>&gt; 180/116 - Check with physician today. &gt; 150/100 - Check with physician within two weeks. &gt; 140/90 - Check with physician within three months.</pre>
	NOTIFY
	I have notified participant of these readings and (s)he has received such notification.
	Signature:
14.	Signature of blood pressure and pulse observer:
15.	ID of blood pressure and pulse observer BPIDN2
	SULLY STANKE

## **ANTHROPOMETRIC MEASURES**

		A First Measurement	B Second Measurement	C Third (if necessary)
16.	Height, cmHTAV			
17.	Weight, kgVTA	/·		·
18.	Triceps skinfold TRI	(AV		
	Check here if $\geq$ 50 mm		TRIC50	
19.	Signature of taker of an	thropometric meas Siらんこ		
20.	ID of taker of anthropome	etric measurement		·

21.	Examiner's the figure	assessme that loo	nt of the ks MOST 1	body sha	ape of ex examinee.	aminee.	Please ma	ark the bo	x under
	A. FOR ME	EN:		MIM	AGA				
	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	B	0 0 0		D E	F	G	H H	
	B. FOR WOM	EN:			V	V 1M/2	46A		
		В			E	F F	G	H I	
22.	Signature o	f body s	hape exami	iner:					



# GROWTH AND HEALTH STUDY EXAMINATION FORM

NGHS Form 07 FTYPE Rev. 3 1/93 FKEV 4 Pages

Y'		RID	ID
\			NC
		VISIT	VN
		MALEEM	
1.	Is the adult participant male or	female?MALFEM	Male Female
			1K2DY
2.	Have you smoked one or more	e cigarettes within the last day?	Yes No
D! (	OOD PRESSURE MEASUREMEN	ıte	
DL	OOD PRESSURE MEASUREMEN	113	
3.	Is the blood pressure being tak	ken in the right arm?	4RM
	Yes		1
	No, it is necessary to us	se the left arm	
	No, it is not possible to	use either arm	
	If <b>NO</b> , explain	NREMK	And the second s
	If NO IT IS NOT POSSIBLE	LE TO USE EITHER ARM, skip to	7
	Question 11, on page 2.		
4.	Cuff size used:	CUFF	
	Infant (10 - 18 cm)		1
	Child ( > 18 - 25 cm)		
	Adult ( > 25 - 34 cm)		<b></b>
		cm)	<b></b>
	Large arm ( > 34 - 47		
	Large arm ( > 34 - 47 Thigh (> 47 - 66 cm)	cm)	

## Edit Limits 5<sup>th</sup> - 95<sup>th</sup> %ile NGHS

Systolic (mm Hg) 100 - 140
Diastolic (mm Hg) 60 - 90

5.	Pressure required to obliterate pulse (enter largest value PULSPRES mmHg
6.	Maximum inflation level (MIL: value in MAXINFLT Question 5 plus 30): mmHg
	Measure pulse on same arm as blood pressure. Answer Questions 11 and 12 before second and third blood pressure readings.
	Diastolic, Systolic, (5th phase), mmHg mmHg
7.	Blood pressure, first reading
8.	Blood pressure, second reading
9.	Blood pressure, third reading
	Verified blood pressure
10.	Were there any problems or special occurrences while PROB   were there any problems or special occurrences while PROB   No No
	A. If Yes, specifyPREMK
11.	Site of pulse measurement: STTEPUL
	Radial 1
	Brachial 2
	Not possible to measure pulse
	IF NOT POSSIBLE TO MEASURE PULSE, skip to Question 13.
12.	Pulse reading (number of beats counted in 30 seconds), to be measured on same arm as blood pressure between first and second blood pressure readings:

13. NOTIFICATION LEVELS		
> 210/120 — Check with physician immediately.		
> 180/110 — Check with physician within one week.		
> 160/100 — Check with physician within one month.		
> 140/90 — Check with physician within two months.  NOTIFY		
I have notified participant of these readings and (s)he has received such notification.		
Signature:		
Signature of blood pressure and pulse observer:		
SIGNI		
ID of blood pressure and pulse observer		
,	<del>-</del>	BPIDNZ
	DEIDIMI.	ロアニコクト

### Edit Limits 5<sup>th</sup> - 95<sup>th</sup> %ile NHANES II

#### Males:

Height (cm)	164	-	187
Weight (kg)	59	-	103
Triceps SF (mm)	5	-	26
Waist (cm)	71	-	137
Max Below Waist	71	-	137

#### Females:

Height (cm)	151	-	173
Weight (kg)	48	-	93
Triceps SF (mm)	11	-	43
Waist (cm)	58	-	145
Max Below Waist	74	-	145

A third measurement is required if the first two measurements differ by more than the following amounts:

Height: 0.5 cm

Weight: 0.3 kg

Skinfolds: 1.0 mm

Waist: 1.0 cm

Max Below Waist: 1.0 cm

# ANTHROPOMETRIC MEASURES С First Second Third Measurement Measurement (if necessary) Verified 16. Height, cm ...... 17. Weight, kg . . . . . . . . . . . . 18. Waist circumference (minimum), cm $_{\text{WSTMNAV}}$ (over clothing) ..... 20. Triceps skinfold (right), mm ..... Check here if $\geq$ 50 mm ... TRICSO Check here if unable to measure TRKUN 21. Signature of taker of anthropometric measurements: \_\_\_\_\_\_SIGNZ ANTIDNZ ANTIONI **BIOELECTRICAL IMPEDANCE MEASUREMENTS (OPTIONAL)** 23. A. Resistance RESIST 24. Signature of impedance measurer: \_\_\_\_ 516NH IMPEDIDI IMPEDIDZ



# GROWTH AND HEALTH STUDY EXAMINATION FORM

FREV 4 Pages

	NC NC
	VISIT VN
1.	Is the adult participant male or female?
	Male Female
2.	Have you smoked one or more cigarettes within the last day? . SMK2DY
	Yes No
BLO	OD PRESSURE MEASUREMENTS
3.	Is the blood pressure being taken in the right arm? RTARM
	Yes
	No, it is necessary to use the left arm
	No, it is not possible to use either arm
	If NO, explainNREMK
	If NO, IT IS NOT POSSIBLE TO USE EITHER ARM, skip to
	Question 11, on page 2.
4.	Cuff size used: CUFF
	Infant (10 - 18 cm)
	Child ( > 18 - 25 cm) 2
	Adult ( > 25 - 34 cm)
	Large arm ( > 34 - 47 cm)
	Thigh (> 47 - 66 cm) 5
	No proper fit ( < 10 cm or > 66 cm)
	If NO PROPER FIT, skip to Question 11 on page 2.

RID

ID

### Edit Limits 5<sup>th</sup> - 95<sup>th</sup> %ile NGHS

Systolic (mm Hg)	100	-	140
Diastolic (mm Hg)	60	-	90

•	Pressure required to obliterate pulse (enter largest value PULSPRES mmHg
•	Maximum inflation level (MIL: value in Question 5 plus 30): mmHg
	Measure pulse on same arm as blood pressure. Answer Questions 11 and 12 before second and third blood pressure readings.
	Diastolic, Systolic, (5th phase), mmHg mmHg
	Blood pressure, first reading
	Blood pressure, second reading
	Blood pressure, third reading
	Verified blood pressure
•	Were there any problems or special occurrences while determining the MIL or taking blood pressures?
	A. If Yes, specify PREMK
	S I T E DILL
•	Site of pulse measurement: SITEPUL  Radial
	Brookiel -
	Not possible to measure pulse
	IF NOT POSSIBLE TO MEASURE PULSE, skip to Question 13.
	Pulse reading (number of beats counted in 30 seconds), to be measured on same arm as blood pressure between first and second blood pressure readings:

13. NOTIFICATION LEVELS		
> 210/120 - Check with physician imme	ediately.	
> 180/110 - Check with physician within	n one week.	
≥ 160/100 – Check with physician with	in one month.	
≥ 140/90 – Check with physician within	two months.	
I have notified participant of these readin (s)he has received such notification.	gs and	
Signature:		
		-
4. Signature of blood pressure and pulse of	observer:	
	516N1	
ID of blood pressure and pulse observe		
<ol><li>ID of blood pressure and pulse observe</li></ol>	BPI <b>Q</b> NI	BPIDNZ

#### Edit Limits 5\* - 95\* %ile NHANES II

#### Males:

Height (cm)	164	-	187
Weight (kg)	59	-	103
Triceps SF (mm)	5	-	26
Waist (cm)	71	-	137
Max Below Waist	71	-	137

#### Females:

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Waist (cm)	58	-	145
Max Below Waist	74	-	145

A third measurement is required if the first two measurements differ by more than the following amounts:

Height: 0.5 cm

Weight: 0.3 kg

Skinfolds: 1.0 mm

Waist: 1.0 cm

Max Below Waist: 1.0 cm

## ANTHROPOMETRIC MEASURES

		A First Measurement	B Second Measurement	C Third (if necessary)	Verified
16.	Height, cm				VHT
	WTAV				VWT
18.	Waist circumference (umbilicus), cm (over clothing)	JUAV			V WAISTU
19.	Maximum circumference below waist, cm (over clothing)	4xBLOAV			V MAXIBLOW
	Triceps skinfold (right), mmTRICA				VTRIC
	Check here if $\geq$ 50 mm	C50			
	Check here if unable to measure				
21.	Signature of taker of anthropometric measurement	ents:	5N2		
22.	ID of taker of anthropometric measurements:				
חום	DELECTRICAL IMPEDANCE MEACUREMENTO	(ODTIONAL)	ANTIONI	ANTI	2NC
DIC	DELECTRICAL IMPEDANCE MEASUREMENTS	(OPTIONAL)	_		
23.	A. Resistance		RESIST		
	B. Reactance		REACT	·	
24.	Signature of impedance measurer:	516N4			
25.	ID of impedance measurer:		· · · · · · · · · · · · · · · · · · ·		
			IMPEDIDI	IMPE	DID2