SITTING BLOOD PRESSURE FORM

INSTRUCTIONS:
This form should be completed during the participant's visit. ID Number and Name must be entered above. Whenever numerical responses are required, enter the number so that the last digit appears in the rightmost box. Enter leading zeroes where necessary to fill all boxes. If a number is entered incorrectly, mark through the incorrect entry with an "X". Code the correct entry clearly above the incorrect entry. For "multiple choice" and "yes/no" type questions, circle the letter corresponding to the most appropriate response. If a letter is circled incorrectly, mark through it with an "X" and circle the correct response.

A. TEMPERATURE

1. Room Temperature (degrees centigrade): ... [ ] [ ]

B. TOBACCO AND CAFFEINE USE

"Smoking can change the results of the exams and laboratory tests we will do today. Because of this we would like to ask you ..."

2. Have you smoked or used chewing tobacco or snuff within the last 4 hours? ....... Yes Y No N

[ ] [ ] Go to Item 4

3. How long ago did you last smoke or last use chewing tobacco or snuff? ....... [ ] [ ] hours, [ ] [ ] minutes

"We are going to ask you not to smoke until you have completed your visit with us today. We do this so that your test results are not affected by smoking. If you must smoke, please tell us that you did before you leave."

4. Have you had any coffee, tea, or chocolate within the last 4 hours? ....... Yes Y No N

[ ] [ ] Go to Item 6, Screen 2
SITTING BLOOD PRESSURE FORM (SBPA screen 2 of 4)

5. How long ago did you last have any coffee, tea, or chocolate? ...
   [ ] hours,    [ ] minutes

C. PRELIMINARY MEASUREMENTS
6. Right Arm Circumference (cm) ............

SITTING BLOOD PRESSURE FORM (SBPA screen 3 of 4)

8. a. Time of Day: ................. [ ] : [ ]
8. b. AM or PM: ........................ AM  A
                  PM  P
9. Pulse Obliteration Pressure: .......
10. Maximum Zero:  .....................

   +30

D. FIRST BLOOD PRESSURE MEASUREMENT
12. Systolic:  .........................
13. Diastolic:  .........................
14. Zero Reading: ....................

11. Peak Inflation Level  
   (Computation--
   Item #9 + Item #10 + 30): ...........
WORKSHEET FOR COMPUTING AVERAGE OF 2ND AND 3RD READINGS (ITMS 21 AND 22)

<table>
<thead>
<tr>
<th>Systolic</th>
<th>Diastolic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Measurement</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>2nd Zero Reading</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Second Corrected</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Third Measurement</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>3rd Zero Reading</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Third Corrected</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Average Corrected</td>
<td>---</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>
## Sitting Blood Pressure Form Instructions

### I. General Instructions

The Sitting Blood Pressure Form should be completed during the participant's clinic visit. The technician must be certified and should have a working knowledge of the AKIC Blood Pressure Manual of Procedures. He/she should also be familiar with and understand the document titled "General Instructions For Completing Paper Forms" prior to completing this form. ID Number, Contact Year, and Name should be completed as described in that document.

There should be no exertion, eating, smoking, or exposure to cold for half an hour before recording blood pressure. It is also important that the subject have no change of posture for five minutes before recording blood pressure.

Blood pressure is measured three times using a random zero sphygmomanometer. The detailed instructions below should be reviewed in combination with the Blood Pressure Manual of Procedures.

### II. Detailed Instructions for Various Questions

#### A. Temperature

1. Record the room temperature in degrees centigrade. A thermometer need not be read each time the procedure is initiated, but should be consulted two or three times during the day to note fluctuations.

#### B. Tobacco and Caffeine Use

"Smoking can change the results of the exams and laboratory tests we will do today. Because of this we would like to ask you..."

2. Have you smoked or used chewing tobacco or snuff within the last 4 hours? 
   - Yes Y
   - No N
   
   Go to Item 4

3. How long ago did you last smoke or last use chewing tobacco or snuff? ... 
   - [ ] hours, [ ] minutes

   "We are going to ask you not to smoke until you have completed your visit with us today. We do this so that your test results are not affected by smoking. If you must smoke, please tell us that you did before you leave."

   4. Have you had any coffee, tea, or chocolate within the last 4 hours? 
   - Yes Y
   - No N
   
   Go to Item 6, Screen 2

   5. How long ago did you last have any coffee, tea, or chocolate? ... 
   - [ ] hours, [ ] minutes

4-5. Ask the questions as stated, following the same procedures given for items 2 and 3 above.
C. PRELIMINARY MEASUREMENTS

6. Right Arm Circumference (cm) ........................................ [ ]

7. Cuff Size: .................. Pediatric (under 24 cm) P
   Regular Arm (24-32 cm) R
   Large Arm (33-41 cm) L
   Other G

8. a. Time of Day: ................. [ ] [ ]

8. b. AM or PM: .................. AM A
   PM P

9. Pulse Obliteration Pressure: .................. [ ] [ ]

10. Maximm Zero: .................. [ ] [ ]

11. Peak Inflation Level
   (Computation--
   Item #9 + Item #10 + 30): .................. [ ] [ ]

D. FIRST BLOOD PRESSURE MEASUREMENT

12. Systolic: .................. [ ] [ ]

13. Diastolic: .................. [ ] [ ]

14. Zero Reading: .................. [ ] [ ]

E. SECOND BLOOD PRESSURE MEASUREMENT

15. Systolic: .................. [ ] [ ]

16. Diastolic: .................. [ ] [ ]

17. Zero Reading: .................. [ ] [ ]

C. Preliminary Measurements

6. Measure right arm circumference once according to the Manual of Procedures. Record to the nearest centimeter.

7. Cuff size should be determined by the arm circumference measurement in item 6. The appropriate size for a given arm circumference is given below, and also appears on the form itself.

<table>
<thead>
<tr>
<th>Arm Circumference</th>
<th>Cuff Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>under 24 cm</td>
<td>Pediatric</td>
</tr>
<tr>
<td>24-32 cm</td>
<td>Regular Arm</td>
</tr>
<tr>
<td>33-41 cm</td>
<td>Large Arm</td>
</tr>
<tr>
<td>over 41 cm</td>
<td>Thigh (record as &quot;other&quot;)</td>
</tr>
</tbody>
</table>

8. Record the time. A five minute wait with no change of posture must precede the first blood pressure measurement.

9-10. Record as described in the Manual of Procedures.

11. Calculate peak inflation level as "pulse obliteration pressure" + "maximum zero" + 30. This item is calculated automatically when the form is entered on the computer. (As a way of denoting this on the paper form, lines are provided rather than boxes for recording the result.)

D. First Blood Pressure Measurement


14. Record the zero reading.

NOTE: Do not calculate net blood pressure at this time.

E & F. Second and Third Blood Pressure Measurements

15-20. Repeat as in 12-14 above.
F. THIRD BLOOD PRESSURE MEASUREMENT
18. Systolic: 
19. Diastolic: 
20. Zero Reading:

G. COMPUTED NET AVERAGE OF SECOND AND THIRD BLOOD PRESSURE MEASUREMENTS
21. Systolic: 
22. Diastolic: 

H. ADMINISTRATIVE INFORMATION
23. Date of data collection: 
24. Method of Data Collection: Computer C 
   Paper Form P 
25. Code number of person completing this form: 

EXAMPLE:
WORKSHEET FOR COMPUTING AVERAGE OF 2ND AND 3RD READINGS (ITEMS 21 AND 22)

<table>
<thead>
<tr>
<th>SYSTOLIC</th>
<th>DIASTOLIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Measurement</td>
<td>1 4 8 (#15)</td>
</tr>
<tr>
<td>2nd Zero Reading</td>
<td>- 2 6 (#17)</td>
</tr>
<tr>
<td>Second Corrected</td>
<td>1 2 2</td>
</tr>
<tr>
<td>Third Measurement</td>
<td>1 4 0 (#18)</td>
</tr>
<tr>
<td>3rd Zero Reading</td>
<td>- 2 2 (#20)</td>
</tr>
<tr>
<td>Third Corrected</td>
<td>1 1 8</td>
</tr>
<tr>
<td>Average Corrected</td>
<td>1 2 0 (#21)</td>
</tr>
</tbody>
</table>