ABPM parameters (do the following for SBP and DBP, separately):

1. awake SBP—average of daytime SBP

2. awake DBP – average of daytime DBP

3. asleep SBP – average of nighttime SBP

4. asleep DBP – average of nighttime DBP

5. 24-hour SBP – average of all SBPs recorded during ABPM

6. 24-hour DBP—average of all DBPs recorded during ABPM

7. morning SBP – average of SBP during the first 2 hours after wake up (6 – 8 am for IDACO)

8. nighttime trough SBP – average SBP of 3 readings centered on the lowest nighttime reading (ie. the lowest reading plus the readings immediately before and after)

9. day SD of SBP – standard deviation of awake SBP

10. day SD of DBP – standard deviation of awake DBP

11. night SD of SBP – standard deviation of asleep SBP

12. night SD of DBP – standard deviation of asleep DBP

13. SDdn SBP = [(day SD of SBP x number of hours included in daytime) + (night SD of SBP x number of hours included in nighttime)] / (hours included in daytime + nighttime)

14. SDdn DBP = [(day SD of DBP x number of hours included in daytime) + (night SD of DBP x number of hours included in nighttime)] / (hours included in daytime + nighttime)

15. ARV of SBP = , where k ranges from 1 to N-1 and w is the time interval between SBPk and SBPk+1. n is the number of blood pressure readings

16. ARV of DBP = , where k ranges from 1 to N-1 and w is the time interval between DBPk and DBPk+1. n is the number of blood pressure readings

17. Nocturnal decline= [(awake SBP – asleep SBP) / awake SBP] x 100

18. Non-dipping pattern – nocturnal decline ≤ 10%

19. Morning surge = morning SBP – nighttime trough SBP

20. Nocturnal hypertension – mean SBP/DBP during nighttime ≥ 120/70 mmHg

21. Awake ambulatory hypertension – mean daytime SBP/DBP ≥ 135/85 mmHg

22. 24-hour ambulatory hypertension—mean 24-hour SBP/DBP ≥ 130/80 mmHg

23. Clinic hypertension – clinic SBP/DBP ≥ 140/90 mmHg

24. Masked hypertension – awake ambulatory hypertension without clinic hypertension

25. White-coat hypertension –clinic hypertension without awake ambulatory hypertension

26. Overall masked hypertension –nocturnal hypertension or masked hypertension

27. Masked nocturnal hypertension –nocturnal hypertension without clinic hypertension

28. Masked isolated nocturnal hypertension –among those without clinic hypertension, nocturnal hypertension without awake ambulatory hypertension

29. Masked isolated awake hypertension –among those without clinic hypertension, awake ambulatory hypertension without nocturnal hypertension

30. Masked day-night hypertension –among those without clinic hypertension, nocturnal hypertension AND awake ambulatory hypertension