


PLANK 8

TOOL: Standard Work Form, Blood Pressure Measurement in the Clinic (Park Nicollet)

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|  | Name of Activity: Blood Pressure Measurement in the Clinic | | |
| | Role Performing Activity: Nurse/Medical Assistant | | |
| STANDARD WORK | Location: All | Department: Internal Medicine and Family Medicine | |
| | Document Owner: Name | | |
| | Date Prepared: mm/dd/yyyy | Last Revision: mm/dd/yyyy | Date Approved: mm/dd/yyyy |
| Standard Work Summary: Clinic manual blood pressure measurement | | | |
| Task Sequence (Order in which tasks occur) | Task Definition (Brief summary of task) | Task Cycle Time | |
| 1. | Perform initial blood pressure measurement at the end of the rooming process. Patient should: <ul style="list-style-type: none"> • Be seated and should not cross legs • Not talk during measurement • Not have any clothing between the BP cuff and the arm • Use the patient's same arm for each BP reading • Have their arm supported or allowed to rest on a solid surface so the inner aspect of the bend of the elbow is level with the heart | 10 seconds | |
| 2. | Verify that the needle is located in the box or oval on the manometer. If the needle is outside, do not use equipment and report to Biomedical Engineering. | 2 seconds | |
| 3. | Palpate the brachial artery and secure cuff evenly and snugly around arm 1-1/2 inches above antecubital (elbow) space with bladder over the brachial artery. Apply the stethoscope over the brachial artery. The recommendation is to use the bell. Estimation of SBP by palpation may be useful to avoid underestimation, particularly in older patients with hypertension. | 15 seconds | |
| 4. | Inflate the cuff followed by deflation at 2-3mm per second | 10 seconds | |
| 5. | Record the first of at least 2 consecutive sounds as the systolic. Diastolic is the last sound heard. Document initial blood pressure in LastWord. | 25 seconds | |
| 6. | Follow Standard Work for automated Omron BP measurement if initial BP above target: <ul style="list-style-type: none"> • <u>Systolic 140 or above</u> • <u>Diastolic 90 or above</u> <i>For Diabetes patient</i> <ul style="list-style-type: none"> • <u>Systolic 130 or above</u> • <u>Diastolic 80 or above</u> | 0 seconds | |

BP Standard Work: ICSI guidelines and Park Nicollet policy for BP measurement

