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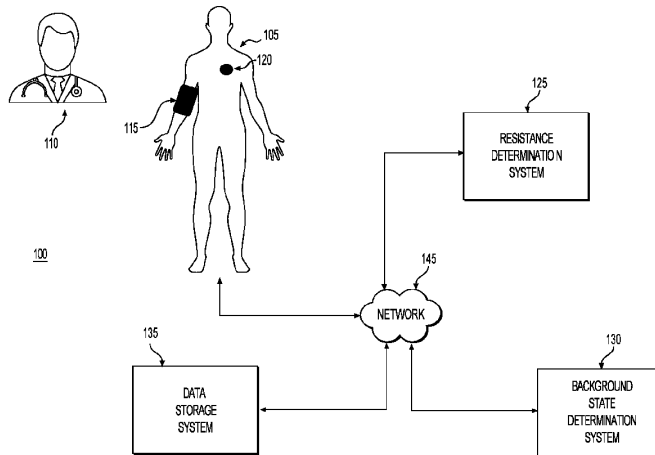


FIG. 1

(57) Abstract: Methods, systems, and computer-readable medium for determining a systemic vascular resistance (SVR), by receiving a systolic blood pressure (SBP) and a diastolic blood pressure (DBP) from one or more blood pressure devices, receiving a first bioimpedance from a first electrode and a second bioimpedance from a second electrode, determining a stroke volume based on a difference between the first bioimpedance and the second bioimpedance, determining a mean arterial pressure (MAP) based on the SBP and the DBP, receiving a heart rate, determining a cardiac output based on the heart rate and the stroke volume, determining a first value based on a right atrial pressure (RAP) or central venous pressure (CVP) and the map, determining a second value based on the first value and the cardiac output, and determining a SVR based on the second value and a factor.

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