

## INDICATION

Calculates mean arterial pressure (MAP). Many clinical guidelines use MAP targets as part of blood pressure management to ensure adequate organ perfusion.

## INTERPRETATION

MAP is considered as the preferred way to monitor blood pressure as diastole composes two thirds of the cardiac cycle. It is therefore a more sensitive tool than systolic blood pressure alone.

MAP of 60 mmHg is thought to be the minimum requirement to achieve adequate perfusion of tissues

## CALCULATION

$$\text{MAP}_{\text{mmHg}} = (1/3 \times \text{SBP}) + (2/3 \times \text{DBP})$$

*SBP = Systolic blood pressure<sub>mmHg</sub>*

*DBP = Diastolic blood pressure<sub>mmHg</sub>*