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All measuring devices which depend on a cuff and bladder are prone to accuracy, writes Prof Eoin O’Brien

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Obtaining a reading. A comparison of pressure-monitoring devices from all four major measurement techniques and the consequent underestimation of blood pressure. A stethoscope should be of a high quality, with clean, well-fitting earpieces. Automated devices as alternatives: An accurate automatic blood pressure monitor can provide a standardised evidence-based method for recording 24-hour ABPM without the user having to become concerned with editing procedures. Clinical indications: The clinical indications for SBPM are well documented in the major guidelines, but there is an apparent lack of enthusiasm for routine use. The use of SBPM needs to be further evaluated in prospective outcome studies. References available on request

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References available on request

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