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## ACCURATE HYPERTENSION DETECTION

Welch Allyn® Connex® Spot® Monitor



In 2019, the American Heart Association (AHA) issued new recommendations for automated office blood pressure (AOBP) solutions compared to traditional auscultatory blood pressure (BP) readings. Automated solutions are now the preferred approach for evaluating office BP.<sup>1</sup>

Devices capable of taking multiple readings without an observer present can further improve accuracy and reduce the error associated with auscultatory measurement due to limitations in clinical practice such as:<sup>1</sup>

- Reliance on the observer's skills
- White-coat effect
- Digit preference

# NEARLY 50%

of the U.S. adult population is categorized as hypertensive<sup>2</sup> and hypertension is the most common primary diagnosis in the United States.<sup>3</sup>

## CHALLENGES



# 36.7%

of patients could display white-coat effect<sup>4</sup>



# 18.75%

of manually documented vitals result in error or omission<sup>5</sup>



1<sup>st</sup> 144/88  
2<sup>nd</sup> 136/78

# 35%

of the time the first reading taken could be higher than subsequent measurements<sup>6</sup>

It's critical your staff have an easy, reliable and automated way to take accurate blood pressure readings. Enter the Welch Allyn® Connex® Spot® Monitor.

With SureBP® technology that provides accurate readings in only 15 seconds, the Connex Spot Monitor creates a more efficient and comfortable experience for your patients, supporting up to six custom BP averaging programs that allow for:

- A delay to start the first measurement
- Time delay between measurements
- Custom reading discard criteria

The Connex Spot Monitor also features EMR connectivity, enabling an easy transfer of vital signs measurements, including blood pressure averages.



Blood pressure averaging view



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Visit [hillrom.com/csm](http://hillrom.com/csm) to learn more.

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### References

<sup>1</sup> Muntner, Paul et al. American Heart Association. AHA Scientific Statement: Measurement of Blood Pressure in Humans a Scientific Statement from the American Heart Association. 2019 Summary.

<sup>2</sup> [http://www.heart.org/HEARTORG/Conditions/HighBloodPressure/GettheFactsAboutHighBloodPressure/The-Facts-About-High-Blood-Pressure\\_UCM\\_002050\\_Article.jsp#.WjgSFVWnGU](http://www.heart.org/HEARTORG/Conditions/HighBloodPressure/GettheFactsAboutHighBloodPressure/The-Facts-About-High-Blood-Pressure_UCM_002050_Article.jsp#.WjgSFVWnGU)

<sup>3</sup> Cherry DK, Woodwell DA. National Ambulatory Medical Care Survey: 2000 Summary. Advance Data. 2002;328. PR

<sup>4</sup> Proposed Decision Memo for Ambulatory Blood Pressure Monitoring (ABPM) (CAG-00067R2)

<sup>5</sup> Eliminating Errors in Vital Signs Documentation, CIN: Computers, Informatics, Nursing, Vol. 31, No. 9, 422-427 Copyright B 2013 Wolters Kluwer Health | Lippincott Williams & Wilkins

<sup>6</sup> Blood Pressure Averaging Methodology: Decreasing the Rate Of Misdiagnosing Hypertension Data Collection: Dr. Robert Smith

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