



## **BIOS Wrist Monitor used in Hemodialysis Study**

The BIOS W100 Wrist Monitor has been selected as the device to be used in Dalhousie Medicine New Brunswick's study evaluating home blood pressure monitoring in hemodialysis patients.

Hemodialysis patients have limited kidney function and a dialysis machine filters the blood in place of kidneys. According to the researches, the timing of measuring blood pressure is much more complex in these patients because of changes in fluid volume between dialysis sessions.

The BIOS W100 was specifically chosen because it was ideal for this patient population – often obese and proper cuff sizing was an anticipated problem.

The purpose of the study is to establish a “standardized protocol for home blood pressure monitoring with medication titration (adjusting the dose of medication).” If the study is successful this will be the protocol used for all dialysis patients.

The BIOS Wrist Monitor is the only wrist monitor with a gold recommendation from Hypertension Canada and it is the only monitor to have achieved an “A/A” grade “clinical accuracy” on the British Hypertension Society protocol.

Patients should follow all proper measurement techniques and arms should be supported with the device at heart level.