

Pressure recording analytical method estimates cardiac output

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(HealthDay)—The MostCare pressure recording analytical method

(PRAM) is comparable to the Fick method of cardiac output estimation in pediatric patients, according to a study published online Aug. 27 in *Pediatric Anesthesia*.

José M. Alonso-Iñigo, M.D., Ph.D., from Hospital Clínico Universitario in Valencia, Spain, and colleagues conducted a single-center observational study involving 52 [pediatric patients](#) who underwent diagnostic right and left catheterization. Under hemodynamically stable conditions, cardiac index (CI) measurements were obtained with the MostCare-PRAM and Fick methods.

The researchers observed good agreement for CI_{Fick} and CI_{PRAM} in the 40 CI measurements ($r^2 = 0.90$; P

"In pediatric patients undergoing diagnostic right and left heart catheterization, the MostCare-PRAM was shown to estimate CI with a good level of agreement with the Fick [method](#) measurement," the authors write.

One author disclosed financial ties to Vygon.

More information: [Abstract](#)
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