Response to Implementation of Rapid Cortisol During Adrenal Vein Sampling

We thank Hayden et al for sharing their experience and for supporting our consensus statement.1 Intraprocedural cortisol assay is 1 approach to improve the success rate for adrenal vein sampling, particularly while radiologists are gaining experience with the procedure. Several centers have adopted this practice successfully, but logistic problems have prevented its widespread use.2,3

Better biomarkers of selectivity and quicker assays are still desirable for guiding adrenal vein sampling. For example, plasma metanephrine shows a greater selectivity index than cortisol.4 Tandem mass spectrometry assays, when sample preparation from plasma is automated and instrumentation is already calibrated, can yield results in minutes.5

As the methodology to expedite confirmation of catheter placement evolves, economic and practical factors will influence the application of these technologies to the adrenal vein sampling procedure. Nevertheless, we encourage and applaud all efforts to provide reliable adrenal vein sampling results to more patients with primary aldosteronism.

Disclosures

None.

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