National Adrenal Diseases Foundation (NADF) does not recognize the term "adrenal fatigue" as a medical diagnosis. Per NADF Medical Director Paul Margulies, MD, FACP, FACE, printed in NADF News®, VOL. XX, No. 3 • 2005, page 6:

“Adrenal fatigue” is not a recognized medical diagnosis. Addison's disease is the correct term for primary adrenal insufficiency and is diagnosed with an abnormal lack of response to ACTH or Cortrosyn, elevated levels of ACTH, positive 21-OH antibodies (if autoimmune) and characteristic symptoms and physical findings. Clearly, people with Addison's disease must go through a period of relative loss of adrenal reserve before they present with the full set of abnormalities of total adrenal failure. During that phase there may be partial adrenal insufficiency that may give test results that are in between normal and classic Addison's. I would use the term early or partial adrenal insufficiency not "adrenal fatigue". I think that term is used by people who propose that the adrenals "wear out" from various stresses and miss the point that Addison's disease is not caused by stress, but by specific injury from antibodies, hemorrhage, infections, tumors, or surgery.