What is claimed is:

1. A hemodynamic parameter (Hdp) monitoring system for diagnosing a health condition of a patient, comprising:

an Hdp monitor that measures and records Hdp values exhibited by the patient during (i) a basal or non-exposure period and (ii) during or after an exposure period during which the patient is exposed to radio-frequency electromagnetic field (EMF) output signals, wherein the Hdp values comprise a pressure component, a flow component and a beat component,

an electrically-powered generator to generate the radio-frequency EMF output signals for exposing or applying to the patient during the exposure period,

a probe connected to the electrically powered generator through which the patient is exposed to the radio-frequency EMF output signals during the exposure period, and

a storage system comprising predetermined representative Hdp values from one or a plurality of surrogate patients pre-diagnosed with the poor health condition, which storage system is adapted to allow for comparison of the Hdp values of the patient from the (i) basal or non-exposure period and from (ii) during or after the exposure period, with the predetermined representative Hdp values from the one or a plurality of surrogate patients pre-diagnosed with the health condition.

2. The Hdp monitoring system according to claim 1, wherein one or more of the Hdp values are selected from the group comprising:

systolic blood pressure,

diastolic blood pressure,

median blood pressure,

stroke volume,

cardiac output,

total peripheral resistance,

RR interval,

heart rate, and

pulse pressure.

3. The Hdp monitoring system according to claim 1, in which the Hdp monitor is adapted to separately measure and record each of the Hdp values exhibited by the patient during both (i) the basal or non-exposure period and (ii) during or after the exposure period.

4. The Hdp monitoring system according to claim 1, in which the Hdp monitor is adapted to repeatedly measure and record the Hdp values during a period of time determined by at least ten heart-beat times.

5. The Hdp monitoring system according to claim 1, in which the electrically-powered generator includes an amplitude modulation controller for controlling the amplitude of the radio-frequency EMF output signals.

6. The Hdp monitoring system according to claim 1, in which the probe is an antenna for intrabuccal administration of the radio-frequency EMF output signals.

7. The Hdp monitoring system according to claim 1, in which the health condition is a type of cancer.

8. The Hdp monitoring system according to claim 7, in which the type of cancer is hepatocellular carcinoma (HCC) or breast cancer.