



**Title: A Paradigm Shift in Neuro-diagnostics: Utilization of Infra Red/Radio Frequency Hybrid Technology for Detection of CNS Abnormalities**

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**Abstract:**

We witnessed major advancements in medical diagnostics during the past year. This was mainly due to the COVID pandemic and the race among various biotech companies to provide fast and accurate diagnostic tools for SARS-CoV-2 that causes the disease. However, most of these advancements were made in the chemical-based diagnostics.

One major interesting invention that represents a paradigm shift in the field of diagnostics was based on the utilization of Electromagnetic waves to detect the virus immediately inside and outside the human body with very high accuracy. The COVID Hunter (TM) was invented and developed by Jordanian engineers and scientists, and has shown superior performance in detecting people infected with the virus, and objects that are contaminated with the virus.

The COVID Hunter (TM) utilizes a unique hybrid of specific infrared and radio frequency waves to detect minute amounts of the virus immediately within a specific area that can be scanned. The device was tested on tens of thousands of patients and objects in different countries, and has shown excellent results compared with current existing technologies such as Polymerase Chain Reaction (PCR).

The team is now working on testing the possibility of utilizing the same technology for detecting specific bacteria and viruses that infect the CNS and cause severe damages such as meningitis.

Development of such an advanced diagnostic tool would allow for immediate, inexpensive and accurate diagnosis of lingering medical conditions of the CNS.