



# Air Force Veteran Doc Reviews Service-Related Cancers in Fire Responders & Military Personnel

## BURN PIT ACCOUNTABILITY ACT Drives New Diagnostic Strategies for Exposed Service Members

Nov 11, 2020- A case study of military personnel exposed to heavy toxins emitted from BURN PIT EXPOSURE has identified a host of major health disorders. Issues range in severity from nerve damage to kidney & liver dysfunctions to a leukemia, skin cancer & pancreatic cancer. Reports from The U.S. Environmental Protection Agency (EPA) as well as the National Institutes of Health (NIH) have indicated the lethal effects of burn pits since the early 2000's. "Many military personnel returning from the conflicts in Iraq and Afghanistan are reporting health problems that they attribute to their exposure to emissions from the burning of waste in open-air burn pits on military bases- a standard in waste disposal."



Retired Air Force Medical Radiologist, Dr. Robert Bard has been a staunch supporter of first responders cancer imaging and early detection. His 35+ year practice in NYC has also been heavily involved in continued research and beta-testing the latest in regular non-invasive screening technologies. With support from American cancer foundations and the medical diagnostic community, Dr. Bard has recently finalized his 2021 Integrative Cancer-Scan blueprint (fusing many of the top cancer monitoring protocols) and is now presenting to medical leaders of all service institutions like the U.S. military and fire services nationwide.

"We have gathered the same lessons from 9/11 about incendiary environmental toxins (chemicals burned at high temperatures)... where anyone near burning chemicals, substrates and toxic micro-particulates hold a much higher risk of contracting long term health problems. When incinerated, certain materials emit some of the most lethal compounds in the air - like pvc plastics, kerosene heaters, pesticides, and depleted uranium."



Afghanistan - Circa 2006: A burn pit at a US base

Dr. Bard's NYC cancer imaging research facility has become the central hub for many of his medical partners across the country- thanks to the use of web-based collaboration platforms. He receives and reviews patient scans from neurologists, oncologists and cancer surgeons to help assess the many chronic conditions from these forms of exposures.

1/17/2019- *The Burn Pit Accountability Act requires the Department of Defense to evaluate service members for toxic exposure during routine medical exams and enroll service members exposed to toxic airborne chemicals, or stationed near an open burn pit, in the Airborne Hazards and Open Burn Pit Registry to monitor and identify the harmful consequences of exposure to burn pits. (brown.senate.gov)*

For more information about this press release, contact Cheri Ambrose, media director at the NY Cancer Resource Alliance: [editor.prevention101@gmail.com](mailto:editor.prevention101@gmail.com) or call: 631-920-5757



# INTEGRATIVE CANCERSCAN™

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The New York Cancer Resource Alliance and Bard Cancer Diagnostics redefines CANCER VALIDATION by uniting the most recognized cancer diagnostic solutions to form the first INTEGRATIVE CANCERSCAN (ICS) Program. Today, we are able to offer the best of all non-invasive technologies when analyzing tumor cells or reviewing potential recurrence. The ICS Program combines the most reliable and performance-based features from multiple scanning & monitoring protocols to support a fully comprehensive and most accurate assessment of the cancer patient.



**LIQUID BIOPSY:** Eliminating the risks of surgical biopsies, ICS employs the advantages of non-invasive cancer tracking with advancements in genomic technology to help develop the treatment plan, confirm its efficacy or identify recurrence. Detects the molecular signature of circulating tumor DNA in the blood (ctDNA).



**HYBRID ctDNA MONITORING:** To identify the presence of molecular residual disease (MRD), or very small traces of cancer in the blood, ICC may also include a customizable monitoring program combining liquid biopsies and tissue sampling for a more accurate cancer detection or monitoring.



**CANCER IMAGING 1: THE DOPPLER ULTRASOUND** Quantifiable imaging analysis of blood flow in tumor lesions provides valuable data in determining malignancy of the tumor or local tissues. Advancement in cancer ultrasound technology offers a fast, real-time and accurate cancer-scanning solution whose digital output is ideal for remote multi-clinical collaboration.



**NON-CONTRAST FULL BODY MRI:** One of this year's most sought-after innovations is the MRI-based AI-supported full body MRI (detecting up to 11 cancers in men and 13 in women). This protocol revolutionizes tumor detection as well as tracking and treating metastatic tumors that travel throughout the body. It is a cost-effective, faster and completely non-invasive full body or single region screening solution.

A collaborative partnership between the most advanced clinical imaging technologies and genetic sequencing innovations can offer the highest level of data acquisition resulting in the highest level of confidence in the treatment and recurrence tracking of cancer.

“There is no ONE ANSWER TO CANCER- but combined EFFECTIVE INTERVENTION is the global principle of good science” - Dr. Robert L. Bard



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