



DRUG DETECTION ASSISTANCE SOFTWARE

BREAKTHROUGH TECHNOLOGY TO COMBAT DRUG SMUGGLING

US PAT 9,576,219 B2

DRUGGUARD[®]

KEY FEATURES

- Up to 99% probability
- Optimization of drug searching process
- Elimination of the human factor
- Operator can easily make a decision
- Color outlining
- Concealed narcotics localization
- Less image analysis time
- Storage of all images with outlined zones

DruGuard[®] is the first of its kind and the only available automatic detection software for Transmission X-ray Full Body Security Scanners.

DruGuard[®] is unique in its algorithm processing ability to detect internally concealed narcotics. DruGuard[®] is designed to keep the operator engaged in the image analysis process while providing specific tools such as the probability of detection and location of detected narcotics or drugs.

Simply by using the software, operators are assisting in increasing the sensitivity and decreasing false alarms.

DRUG DETECTION ASSISTANCE SOFTWARE

DRUGGUARD® is an automated narcotics detection assistance software based on state-of-the-art neural network algorithms and knowledge of human body physiology, specially developed to provide the operator with a tool for automated marking of illegal swallowed or smuggled inside body cavities substances as well as visualization of the suspicious areas with indication of appropriate drugs presence probability.

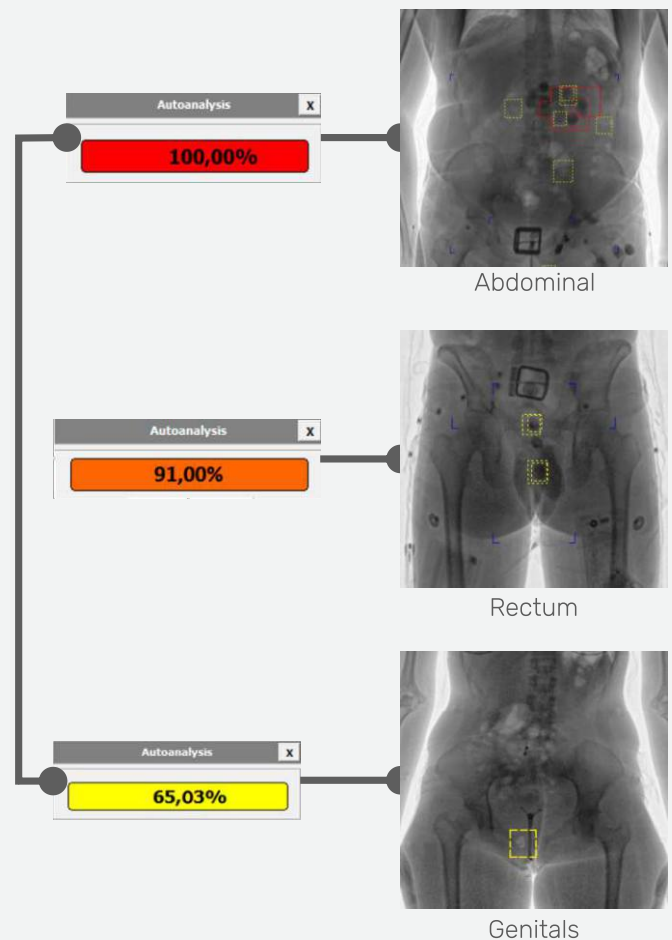
In the matter of seconds this intelligent software analyzes the images and outlines the suspicious areas where the drugs may be concealed.

Extensive reporting features of DruGuard® allow supervisors to review operator performance as compared to that of the software. DruGuard® requires operators to mark suspicious images, and DruGuard® overlays separate detection boxes to distinguish between automated and manual detection. DruGuard® features data input ability which allows it to “learn.”

TYPICAL PACKED DRUGS



AUTOMATED DETECTION



DRUGGUARD®
PATENTED AUTOMATED NARCOTICS DETECTION ASSISTANCE SOFTWARE