



Wellview Body Scan

(Using Electron Beam Computed Tomography)

DISCLOSURE AND CONSENT FOR HEART, CT ANGIOGRAM, LUNG, NECK/ CAROTID, BODY SCAN, VIRTUAL CT COLONOSCOPY ELECTRON BEAM CT(EBCT) SCREENING SCAN(S)

To the patient/ person: As a patient or person, you have the right to be informed about your health condition and the procedures you choose to undergo. This disclaimer is not meant to alarm you; however, there are certain issues raised with the screening EBCT scan(s) and certain risks associated with such EBCT scans. This explanation is meant to inform you of such issues and risks so that you may give or withhold your consent to the EBCT scan(s) on the informed basis. Please carefully read the following and if you choose to proceed with the EBCT scan(s), sign the space provided at the end of the disclosure. **If you are a female and of child bearing capacity, please inform the technologist so that it may be determined if it is appropriate to proceed with the scan(s).**

Screening ViaScan EBCT procedures(s) that are available: Depending upon your choice, a screening scan at ViaScan may involve six body areas: 1. Heart/ Chest 2. CT Angiogram 3. Lung 4. Neck/ Carotid arteries 5. Body Scan 6. Virtual CT Colonoscopy. The brain and extremities are not included in the ViaScan studies. Listed below are descriptions of the ViaScan heart scan, CT angiogram, lung scan, neck/carotid scan, body scan, and the virtual CT colonoscopy scan. Initial ONLY the test areas you are scheduled pertaining your ViaScan.

1. Heart/ Chest Scan

The screening EBCT scan of the heart is recognized by the American Heart Association and American College of Cardiology as a screen for early coronary artery disease and an indicator of the amount of atherosclerosis present in the coronary arteries of middle aged individuals. However, EBCT non contrast heart scan does not directly measure the degree of blockage at any specific location within the coronary arteries. EBCT heart scan information is utilized to categorize people into risk groups predictive of future risk of significant cardiac event(s) over time. Physicians can utilize this information to recommend specific treatment strategies to stop, slow, or reverse further buildup of heart plaque. Physicians can utilize heart scan information to determine how aggressively to treat a known risk factor or to conduct other test(s) to further evaluate your current heart status. Please be informed that non-contrast ViaScan Heart scan does not measure cholesterol plaque or the amount of blockage. Please also be informed never to ignore symptoms of chest pain/pressure or shortness of breath even with a zero ViaScan heart score as ViaScan heart scan may miss significant heart blockages in one tenth of one percent to three percent of people. I understand the radiation exposure to the heart scan has been reported to be approximately same dose of radiation given during a routine mammogram, approximately 0.7 mSv.

Initials: _____

2. CT Angiogram

ViaScan CT Angiogram is a non-invasive test that can determine the amount and number of blockage within my heart or blood vessels. I understand the ViaScan CT angiogram involves infusing contrast material into a vein to determine the amount of blockage in a blood vessel. Adverse events related to the ViaScan Ct angiogram includes redness at the needle site, swelling at needle site, or adverse reaction to the contrast material injected. Possible adverse reactions that may occur during a ViaScan CT angiogram test include



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but not limited to rash, shortness of breath or death. I understand a paramedic who has been trained to respond to emergency situations will monitor me during my ViaScan CT angiogram test.

Initials: _____

3. ViaScan Lung Scan

The screening EBCT of the lungs is designed to detect small masses or nodules specifically, in tobacco users of former tobacco users of those persons exposed lung carcinogen (passive smoke, asbestos, etc.). In approximately 20% of people, a lung nodule will be found, often requiring further evaluation with a diagnostic EBCT or CT, possible with use of intravenous injection of contrast (x-ray dye). Approximately, 5% of these lung nodules will ultimately be considered suspicious of lung cancer. The other 95% will be concluded to be benign based on additional diagnostic testing and/or by showing no growth through EBCT or CT surveillance for a specified period of time. If further evaluation is necessary, the best course of care is to consult with your physician and/or a lung specialist. I understand lung scan can yield false positive results meaning a suspicious lung nodule identified but is not lung cancer(s) and also false negative results can occur, meaning my report indicated no lung cancer(s) are seen when in fact lung cancer(s) are present.

Initials: _____

4. ViaScan Carotid/ Neck Scan

The screening neck/ carotid artery scan is used to detect plaque similar to plaque found in arteries in your heart. The screening EBCT scan of the neck/carotid arteries is a screen for early cerebral artery disease and an indicator of the amount of atherosclerosis present in the neck/carotid arteries of middle aged individuals. However, EBCT neck scan does not directly measure the degree of blockage at any specific location within the neck/ carotid arteries. EBCT neck scan information is utilized to identify people who may require further evaluation of blockage in the neck/carotid arteries. Physicians can utilize this information to determine how aggressively to treat a known risk factor or to conduct other test(s) to further evaluate your current neck/ carotid artery status. Please be informed that the non-contrast ViaScan neck/carotid artery scan does not measure cholesterol plaque and as such, you should never ignore symptoms of dizziness, slurred speech, or cognizant impairment but seek counsel of your physician or if symptoms perceived to be life threatening, call 911 or seek emergency assistance. Plaque in your neck arteries may put you at risk for future stroke(s).

Initials: _____

5. ViaScan Body Scan

The Coronary Vascular scan utilizes EBT (electron beam tomography) technology for the purpose of detecting calcium plaque in blood vessels from my heart to my abdomen (chest/abdomen). I understand EBT scanning is non-invasive way of obtaining information about the location and extent of calcified plaque in the arteries in my chest and abdomen. I understand detection of calcium plaque in blood vessels provides means to determine the total plaque burden of the arteries, but it does not, by itself indicate a specific percent blockage in the artery. Patients with a high calcium heart score may be recommended to follow up with his/ her primary physician who may in turn recommend further heart testing. I understand the entire course of blood vessels from ascending that sits on top of my heart in my chest, to distal aorta in the abdomen peripheral arteries in the legs will be imaged to determine presence of absence of calcium plaque.



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During the course of this vascular scan, other organ systems will also be imaged; including but not limited to: lungs, spleen, pancreas, liver, gall bladder, kidneys. I understand this is a screening scan that does not utilize IV contrast; I further understand non-contrast screening scans may not see nor report important life threatening diseases as IV contrast is required to see smaller detail and be of diagnostic nature. I understand a board-certified radiologist (James Blakely, M.D.) and/ or a board-certified cardiologist or both will read, interpret and dictate a report after reviewing all my images. I understand the medical report from the medical doctor will be forwarded to me and others that I can choose to authorize who received information regarding my scan or I may choose to withhold my scan information from being forwarded to anyone.

Initials: _____

6. ViaScan Virtual CT Colonoscopy

The ViaScan Virtual CT colonoscopy is an alternative to the invasive traditional colonoscopy test to detect colon polyps, colon cancer and other colon disease(s). I understand the ViaScan Virtual CT colonoscopy requires insertion of an enema tip into my rectum for purpose of inflating my colon with room air. The purpose of inflating the colon with room air is necessary to provide radiologist with adequate viewing area to satisfactorily determine the presence or absence of colon cancer, colon polyps or other colon disease(s). I understand inflation of my colon with room air may cause a perforation or tear in my colon requiring immediate evaluation and/ or surgery.

I also understand I will be required to take preparation to cleanse my colon in order for the radiologist to accurately determine presence or absence of colon cancer, colon polyps, or other colon disease(s). Possible adverse events related to colon preparation or the actual ViaScan Virtual CT colonoscopy itself include but not limited to: muscle cramps, electrolyte disturbances, and/or perforation of the colon, meaning a tearing of the wall of the colon requiring emergency evaluation and/or surgery. I also understand the ViaScan Virtual CT colonoscopy may identify positive and false negative test results. False positive means a potential polyp has been identified but no colon polyps truly exist. False negative means no colon polyps/cancer was identified, but colon polyps/cancer do exist. I also understand conventional colonoscopy exams also have false negative results meaning colon polyps/cancers that exist are missed.

I understand if I am a diabetic, I should consult with my personal physician before undertaking the colon prep to ensure my blood sugar levels and other medical functions are safe guarded. I understand the risk of perforation of the colon from a CT colonoscopy has been reported to range of 0.1% to 3%. I understand I should immediately report to the technologist **BEFORE** commencing the ViaScan CT colonoscopy test if I have known active diverticulitis, known inflammation of the colon, previous perforation of the colon, acute pelvic pain, or any other condition you believe might interfere with undergoing a Virtual Colonoscopy.

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General Information:

I understand that John J. Duncan will provide a courtesy review of my images, but that he is **NOT** medical doctor, physician, or surgeon who has the professional ability to diagnose, treat, or provide any medical recommendations. I understand the courtesy review of my images are for educational purposes only and are not meant to diagnose, interpret and/or treat any mental health or medical issues. I understand any and all medical findings and recommendations will be made solely by a board-certified radiologist and/or a board certified cardiologist who will review, interpret, and report all my images in their entirety.

Initials: _____

By signing this form, you are indicating that you understand that you may be advised to seek the consultation of a cardiologist or other physician and that this study may lead to subsequent studies, exams or procedures. Also by signing the form you are indicating that you understand that there are limitations on the early detection of disease; namely, that early detection does not guarantee cure of a disease of infirmity or guarantee the maintenance of life.

I understand scan results may report false positive findings, meaning potentially serious health issue might be reported but subsequent follow up testing proved to be negative. I further understand scan results may report false negative findings, that is, potential serious or life threatening issues may have been present, but not reported.

By signing this form, you understand that you will be exposed to a small amount of radiation (0.7 to 3.5mSv) for a short period of time, depending upon scan chosen. I understand ViaScan technology subjects me to approximately 90% less radiation than conventional CT scanners in use today. I further understand the radiation does from a heart scan is approximately equivalent to radiation exposure to a single mammogram test. I understand the background radiation exposure in 1 year living on Earth is approximately 3.0mSv.

All risks and benefits of these tests have been explained to me and I voluntarily accept such risks associated with the ViaScan CT scans(s). I hereby release John J. Duncan, Ph.D., James Blakely M.D., and ViaScan employees from harm and liability related to my scan, it's findings and interpretation. Attested by signature below, I state I have read and understand the risks and benefits of each ViaScan test described in this document. I voluntarily choose to proceed with the ViaScan scan(s).

Printed Name

Date of Birth

Signature

Date

ViaScan Representative Signature _____ **Date** _____