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and Europe lively  
discussed the  
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of CT" in Peking,  
China. The  
workshop was  
designed to cover

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all essential aspects  
of modern CT  
imaging including  
the historical  
development,  
different  
techniques, contrast  
agents,

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tomography  
angiography  
(CCTA) has  
evolved as an  
alternative to  
invasive catheter  
coronary  
angiography with  
comparable  
sensitivities (81%)  
and specificities  
(91%). 1, 2 The  
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area detectors and dual-source CT have significantly increased the image acquisition speed. However, current contrast media (CM) administration techniques have lagged behind the advances in computed tomography (CT) technology,

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resulting in varied  
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clinical introduction,  
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has revolutionized  
veterinary medicine  
and is considered to  
be one of the most

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valuable tools for the imaging work-up of neurological, oncological and orthopaedic canine and feline patients. In small animals with acute trauma, particularly those involving complex anatomic areas such as the head, spine or pelvis, CT has been established as



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a standard imaging  
method.

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tomography (CT),  
developed in the  
1970s by William  
Oldendorf and  
Godfrey Hounsfield,  
is an X-ray

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technique that... CT

was conceived by  
William Oldendorf  
and developed

independently by  
Godfrey Newbold  
Hounsfield and

Allan MacLeod  
Cormack, who  
shared a 1979

Nobel Prize for  
their inventions. A  
major advance in

imaging technology,

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it became generally available in the early 1970s.

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and Future Aspects of CT" in Peking, China. The workshop was designed to cover all essential aspects of modern CT imaging including the historical development, different techniques, contrast agents, organ systems, and

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A statement from  
the British Society  
of Thoracic Imaging  
suggests that

“ bilateral,  
subpleural ground  
glass opacity, ill  
defined margins,  
and a slight right

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lower lobe  
predilection” are  
the most common  
initial computed  
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statement also  
suggests that, with  
disease  
progression,  
findings can range  
from “ focal  
unilateral

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abnormality to  
diffuse bilateral  
opacities,” and  
might evolve to  
“consolidation,  
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tomography of  
covid-19 pneumonia  
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reversed halo sign (RHS) is a chest computed tomography (CT) pattern defined as a focal round area of ground-glass attenuation surrounded by a crescent or ring of consolidation. The RHS was first described as being relatively specific



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for cryptogenic organizing pneumonia but was later observed in several other infectious and noninfectious diseases.

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tomography (CT) scanning, also known as, especially in the older literature and textbooks, computerized axial tomography (CAT) scanning, is a diagnostic imaging procedure that uses x -rays to build cross-sectional images ("slices") of

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the body. Cross-sections are reconstructed from measurements of attenuation coefficients of x-ray beams in the volume of the object studied.

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care. MORE INFO.

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disease (CAD)

using coronary  
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(CCTA) has seen a  
paradigm shift in  
the last decade.

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increasingly

supports the clinical  
utility of CCTA

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across various stages of CAD, from the detection of early subclinical disease to the assessment of acute chest pain.

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airlines and industry to test and deploy Computed Tomography (CT) technology to security checkpoints. What is CT? CT is the latest checkpoint X-ray scanning equipment to enhance threat detection capabilities for

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plays an important

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a wide variety of  
diagnostic,  
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for all wards,  
departments, out  
patient clinics, GP  
referrals and also  
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A CT scan or  
computed

tomography scan

(formerly known as

a computed axial

tomography or CAT

scan) is a medical

imaging technique

that uses computer-

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processed combinations of multiple X-ray measurements taken from different angles to produce tomographic (cross-sectional) images (virtual "slices") of a body, allowing the user to see inside the body without cutting.

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scanners designed  
for patient's safety  
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that meets your  
needs now and in  
the future.

Advanced  
technologies and  
ergonomics are  
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configuration. So  
state-of-the-art  
capabilities are  
readily available or  
scanning the widest  
range of patients –  
from pediatric to  
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