

Caring for you

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NeuVision 460

Digital Radiography system

NeuVision 460-ENVY 1806

Neusoft[®] Medical Systems



Based on 20 years of technical accumulation and prominent market insights, Neusoft Medical Systems launches a new DR, which integrates humanity design, low dose and intelligent application technology.



Ergonomics

Ergonomic principles have been taken into consideration both for the software and hardware design, resulting in excellent examination experience for operators and patients alike.

Smart system design

The double column and wireless flat panel detector combined can improve efficiency by 30%.

Traditional multidirectional floating fixed table design reduces your work load.

Soft and natural atmosphere lamp design can effectively relieve the mental stress of the patient.

Compact design: only 8.8 m² footprint



*High precision real-time tracking system

Patented technology (applied for).

The real-time motion correction of tube and detector reached by pixel recognition.

The patented shelf smoothness detection system.

The tube and detector maintain high precision synchronization tracking.



Highly sensitive anti-collision system

Multiple security levels setting systems.

Humanized mechanical limit system.

Emergency speed buffer and emergency stop system.

Multiple security protection for patients.

Note: "*" item is optional configuration

Low Dose

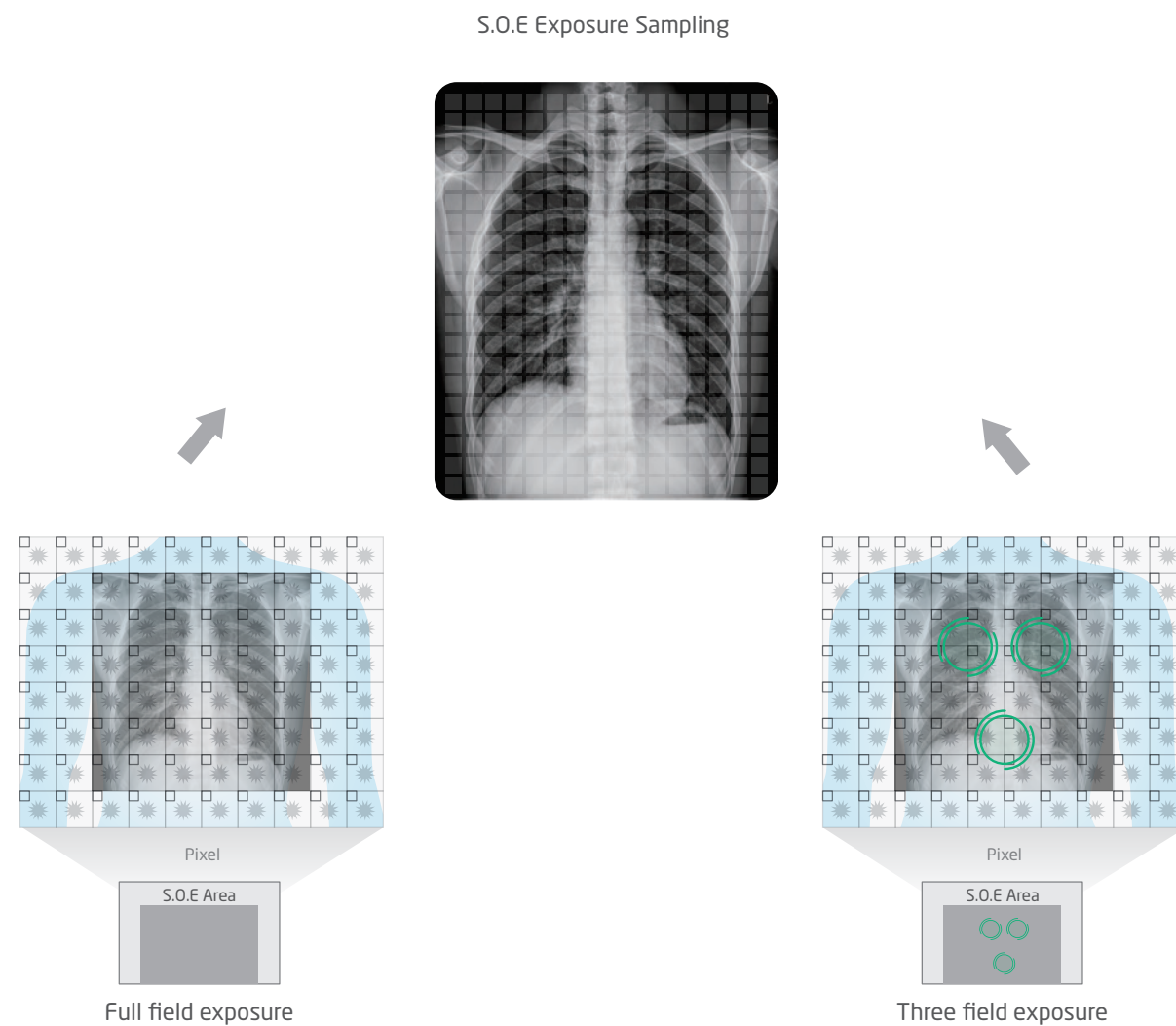
Caring for patients through patented low dosage technology.

Synthesis Optimal Exposure (S.O.E)

Patented technology (applied for).

Full detector field as automatic exposure control unit makes more accurate dose detection and X-ray feedback

Low dose without compromising image quality

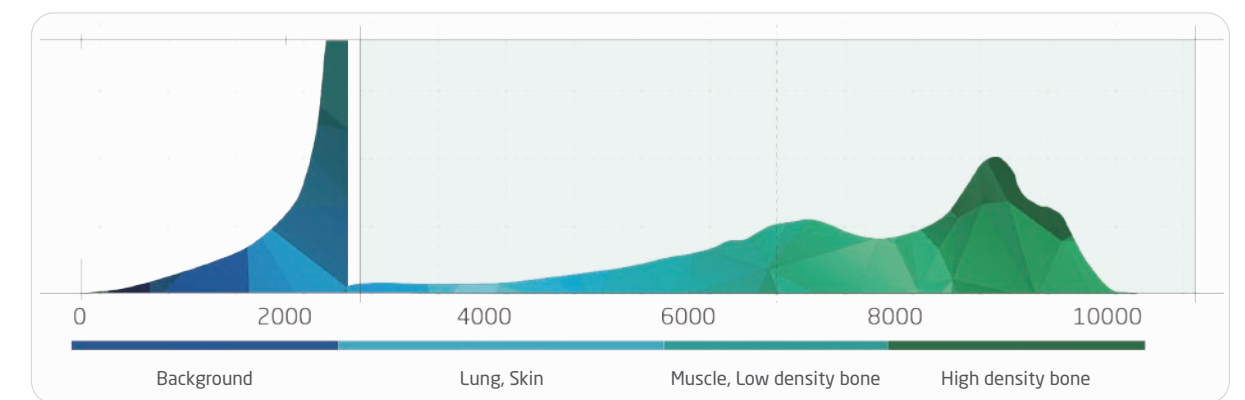


"Low Dose" algorithm technology

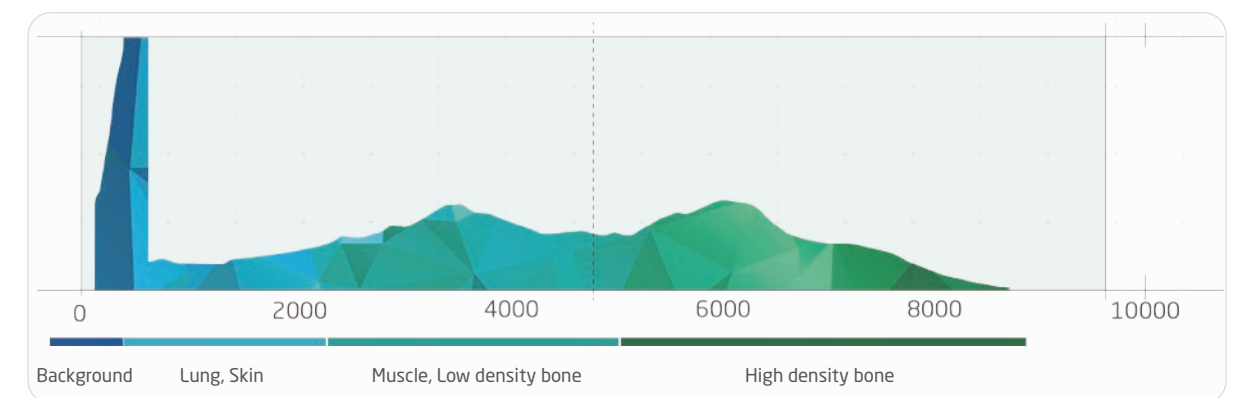
Patented technology (applied for).

Adaptive dynamic range adjustment of anatomical parts

Gray scale coefficient compensation of image ROI



Without "Low Dose" algorithmic technique



With "Low Dose" algorithmic technique

Intelligent

Software has been one of Neusoft's premium value-added factors, and AI will be a more powerful one to maximize customer value.

Wireless flat panel detector

Easy information transferring by WIFI.

Wireless flat panel detector makes it convenient to examine all anatomical parts.

High shockproof, large load capacity, adaptive to varied working environment.

Total solutions for both outpatient and emergency treatment.



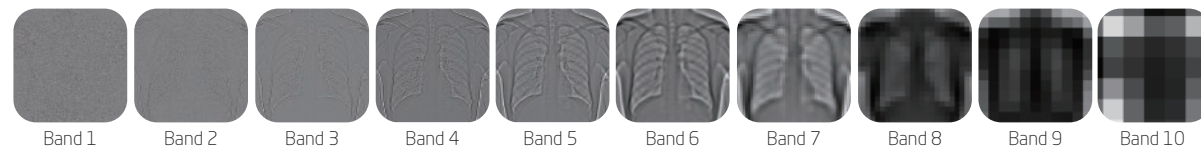
Smart Equilibrium Processing(S.E.P)

Patented technology (applied for).

Multi-frequency image and multi scale enhancement.

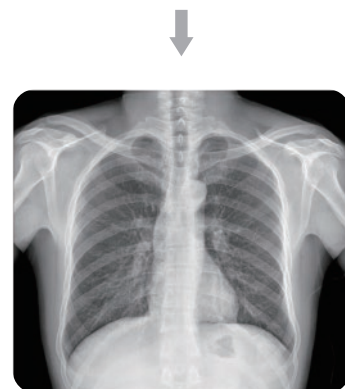
Multi-processing style presets.

Processing parameters of APR parts highly collaborative.



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Process:

A. Contrast Equalization B. Edge Enhancement C. Dynamic Range Adjust D. Noise Constraint



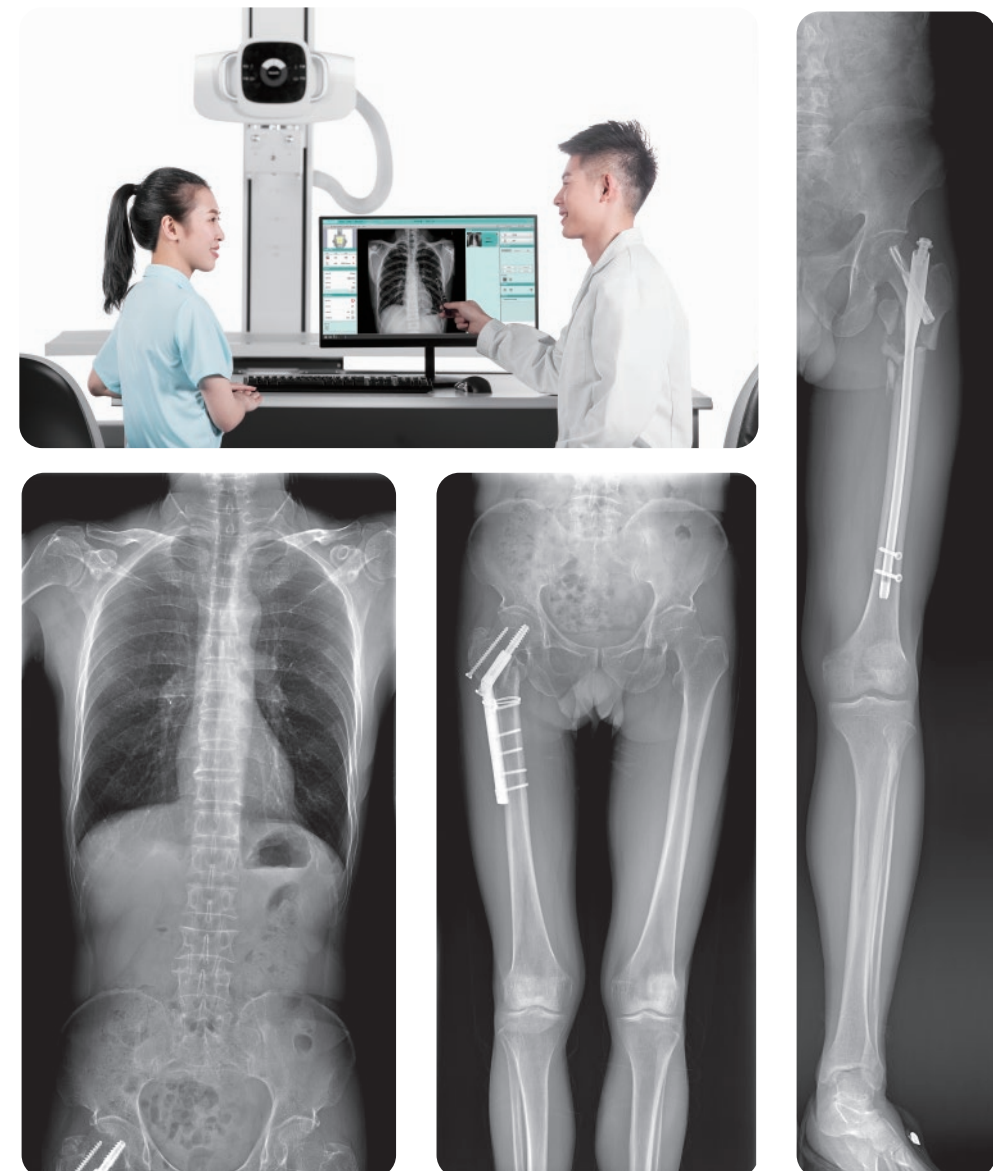
Patented image stitching technology

Patented technology(applied for).

Gray leveled fitting correction by pixel in overlapping domains.

Image edge can be identified accurately to achieve seamless stitch.

Providing significant reference for orthopedic surgery and evaluation of postoperative therapy.



Service And Logistics Support

- Remote diagnostic capabilities bringing Neusoft expertise to you IMMEDIATELY, no matter where you are!
- Identifying and correcting prompt PROACTIVELY, minimizing downtime and patient inconvenience.
- Global logistics network, prompt response regarding parts and supplies.



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* Not available in N.A.