

Symposium

Evaluation of Imaging Techniques Comparint with Scintigram

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Morphological diagnoses are mainly divided into two methods, that is direct and indirect ones. Direct techniques mean optical information just as histological, endoscopical or dermatological examinations.

The imaging techniques are involved in indirect one which includes X-ray, ultrasound, thermography and scintigram.

In this symposium, several typical imaging techniques are demonstrated comparing with scintigrams by experts.

For the diagnoses of patients, some physicians are tend to try them with a certain special technique which they are specialized and refuse to use other more comfortable and accurate techniques, and as a result, patients receive unreasonable and uncomfortable procedures physically and economically.

To reduce such nonsense uncomfortableness to patients, techniques should be selected or combined according to the reasonable diagnostic procedures on each patients.

Comparison Between Chest X-P and Lung Perfusion Scan

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In 156 cases of lung perfusion scan, 56 cases showed abnormal scan findings for example perfusion defect, fissure sign, with normal chest X-P findings.

4 cases showed normal scan findings with abnormal chest X-P findings.

These perfusion defect and fissure sign were relative to CTR and diaphragm level.

As CTR decreased, as diaphragm level lowered, fissure sign and perfusion defect were increased.

Moreover, in the cases of abnormal large CTR or abnormal high diaphragm level, fissure sign and perfusion defect were increased, too.

If lung disease is suspected, both chest X-P and lung perfusion scan should be together investigated.

Chest X-P	Lung Perfusion scan	Cases*
Normal	Normal	61 (66)
Normal	Abnormal	56 (65)
Abnormal	Abnormal	35 (47)
Abnormal	Normal	4 (5)
Total		156 (183)

* Number of scans

Comparison Between Pancreas Scintigraphy and CT

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In the diagnosis of pancreas lesions, there are many radiological methods. Among them, pan-

creas scintigraphy has proved to be a useful screening test. A normal pancreas scan can be of great