

PERFUSION LUNG SCINTIGRAPHY

Perfusion lung scintigraphy is an examination based upon the endovenous injection of macroaggregates of albumen marked with Tc-99m (MAA Tc-99m).

Macroaggregates are trapped in the lung microcirculation allowing the assessment of lung perfusion.

A number of projections are made in order to obtain an accurate analysis of the various segments of the lung.

Primary indications

- Assessment of alterations in perfusion following lung embolism;
- Assessment in percentages of the distribution of lung radioactivity prior to pneumonectomy or lobectomy.

To be noted

1. No preparation is necessary;
2. The patient must have had a radiological examination of the chest and the most recent radiographical results must be available;
3. There are no known counterindications (except in the case of pregnancy, whether presumed or verified).

Duration of the investigation

Approximately twenty minutes.