

## Increased accumulation of iodine-123-IMP in the pulmonary inflammatory lesion surrounding a lung cancer

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In a patient with primary lung cancer, increased accumulation of I-123-IMP was observed in a pulmonary inflammatory lesion surrounding a lung cancer which was delineated as a photon deficient area. Ga-67-citrate uptake was observed in both the inflammatory and cancerous areas. These findings suggest that I-123-IMP may have the potential to accumulate differently in a variety of pathological conditions of the lung and thus may be a clinically useful lung imaging agent.

**Key words:** I-123-IMP, Lung imaging, Pulmonary inflammation, Lung cancer