

May 12, 2010
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Dear Dr Jackowski,

Clinical radiological report regarding post mortal CT examination

Study date 2010 03 18. Patient id: 168.

Computer tomography postmortem examination. Siemens Sensation open. Extended field of view, 1.5mm slice thickness. Examined from top of the head to the level of the proximal part of the femurs.

Findings:

Soft tissue gas from the level of the dorsal part of the paratoid gland on the left side of the skull base and in the retro pharyngeal region in the mid line around the longus capitis muscle. The gas continues through the cervical neck region to mediastinum. Pneumomediastinum with gas around the great vessels and muscles in the upper thorax. Subcutaneous emphyesema can be seen external down to costae 4 bilateral. Above the level of the aortic arch is gas sounding the trachea and oesophagus. The lungs are separated laterally by gas 5 cm in the post sternal region. Gas can also be found antero-lateral of the heart and surrounding the aorta in the retro peritoneal space down to the level of the diaphragm. This indicates dissection of air into the mediastinum with can be come from a alveolar, bronc, trachea, oesophagus or other organ in the mediastinal region that contains air. The shape of the soft tissue that borders to the gas indicates that the pressure in the air filled spaces in mediastinum is raised. Gas is found around the spinal cord from C1 level down to the level of the diaphragm. Lung parenchyma without any pathologic findings. No pathologic findings in the rest of the examined part of the body.

Best regards

A handwritten signature in black ink, appearing to read 'Anders Persson'.

Anders Persson, MD, PhD

Director

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