



Cement Pulmonary Embolism after a Revision Spine Surgery: A Clinical Image

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Clinical Image

A 71 year-old female suffered from back pain for 6 months after a falling down, and her symptoms progressed and affected her daily activities. She received conservative treatment before at local clinic but in vain. She underwent 3 times of spine surgery, pre-OP we noticed inter body fusion of L2/3, L3/4 and L4/5, Pedicle screws fixation of L2/3/4 with screws loosening, T-score was - 4.3. After revision spine surgery with cement augmentation of pedicle screws, post-OP day 1 patient suffered from dyspnea, chest X-ray revealed cement pulmonary embolism with tubular shaped, oxygen saturation was 93%, after a discussion with patient and her family, conservative treatment with oxygen supplement was given, she recovered well at post-OP day 6 and discharged 3 days later. We present images of pre-OP and post-OP chest X-ray (Figure 1).

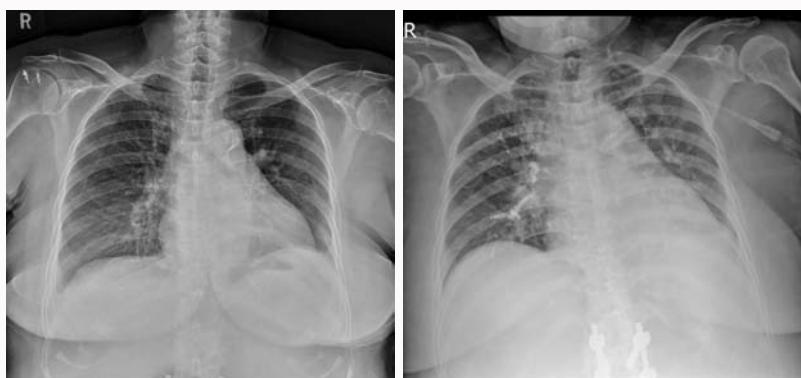


Figure 1: Chest X-ray.

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