

Fictitious University Hospital

Department of Internal Medicine
Prof. Malala Miller



Re: Medical History and Clinical Course of Patient Sarah Lee

Dear Dr. General Practitioner,

I am writing to provide a comprehensive summary of the medical history, diagnoses, and clinical course of our patient, Sarah Lee, who was recently diagnosed and treated for a lung embolism.

Patient Information: Sarah Lee, born 03/04/1961

Age: 63

Gender: Female

Medical Record Number: 2123242

Medical History:

- Recent hip replacement surgery (2 weeks ago)
- Osteoarthritis
- Type 2 Diabetes Mellitus

Presenting Symptoms: Sarah Lee presented with sudden onset of shortness of breath, chest pain, and confusion. She did not exhibit leg swelling or other typical signs of DVT.

Initial Assessment and Diagnosis: Diagnostic tests revealed elevated D-dimer levels and a CTPA indicating fat embolism syndrome affecting both lungs. Blood tests showed elevated serum lipase levels, and imaging confirmed multiple fat emboli in the pulmonary arteries.

Clinical Course: Sarah Lee was admitted to the intensive care unit for supportive care and monitoring. She was initially managed with high-flow oxygen therapy and intravenous fluids to maintain hemodynamic stability. Mechanical ventilation was required temporarily due to respiratory distress. After stabilization, she was transitioned to oral anticoagulants (warfarin) and supportive therapy for her diabetes. Regular follow-ups were scheduled to monitor her respiratory and coagulation status, as well as her post-operative recovery.

Current Status: Sarah Lee is recovering well, continues anticoagulation therapy, and receives support for her post-operative and diabetic care. She remains under close follow-up with both orthopedic and hematology specialists.

Recommendations: Continued anticoagulation with routine monitoring, follow-ups with orthopedic and hematology specialists, and education on recognizing symptoms of thromboembolic events and managing post-operative care.

Sincerely,

Fictitious University Hospital

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F. Finch

Dr. Fictitious Finch