

Patient name : Priya Nair

- **Age:** 37
- **Medical History:** Oral contraceptive use, recent long-haul flight
- **Symptoms:** Sudden-onset dyspnea, pleuritic chest pain
- **Diagnosis:** Massive pulmonary embolism with saddle embolus, confirmed via CT-PA
- **Ongoing Treatment Plan:**
 - **Immediate Management:** IV Alteplase bolus 15 mg, then 85 mg over 2 hours
 - **Anticoagulation:** IV enoxaparin (1 mg/kg BID)
 - **Supportive Care:** Oxygen via nasal cannula
 - **Long-term Therapy:** Rivaroxaban 15 mg BID for 3 weeks, then 20 mg daily
 - **Monitoring:** Follow-up D-dimer levels, echocardiography in 1 month
 - **Additional Considerations:** Lifestyle changes, alternative contraception