

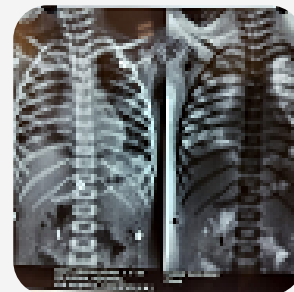


## THE TRIUMPH OF HOPE: EXTRAORDINARY RECOVERY OF A BABY FROM KEROSENE POISONING

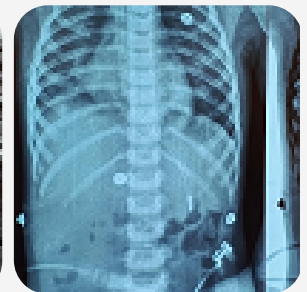
On March 19, 2025, A Baby of 1.8-year-old, faced a life-threatening incident when she accidentally ingested kerosene. What followed was nothing short of a medical miracle. Upon her arrival at the emergency department, she was in a critical state, struggling for breath, with a Glasgow Coma Scale (GCS) of 6/15 and an oxygen saturation of just 60%.

She was gasping and her condition was grave. She was treated on lines of aspiration pneumonitis due to the inhalation of toxic fumes and complications of hydrocarbon ingestion. She was put on intubated mechanical ventilator to support her breathing. Her ventilator settings were adjusted as follows to ensure optimal oxygenation and minimize damage:

- **Mode: Volume Control (VC)**
- **Tidal Volume (Vt): 54 ml (appropriate for her size)**
- **Respiratory Rate (RR): 36 breaths/min**
- **PEEP (Positive End-Expiratory Pressure): 5 cmH2O (to prevent atelectasis and improve oxygenation)**
- **FiO2: 100% (initially, to provide maximum oxygen support)**



19/3/2025

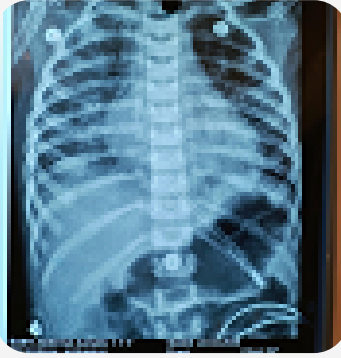


20/3/2025

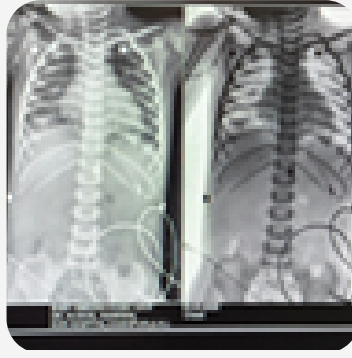
At the same time, the medical team began a comprehensive treatment regimen. Fluids were administered to maintain hydration, and electrolytes were carefully balanced to prevent renal failure, a common risk following such poisonings. Antibiotics were initially started as patient continued to have high grade fever with high TLC count. To combat potential infections, especially as her weakened immune system became vulnerable to secondary infections.

The first 48 hours were critical. Patient's fever soared, her body struggled to adjust to the ventilator, and her renal function remained under intense scrutiny. But her young, resilient body slowly began to respond to the aggressive treatments. Mechanical ventilation continued, but her PaO2 (partial pressure of oxygen) and oxygen saturation levels began to show gradual improvement, signaling her lungs were starting to heal.

By March 23, there was a notable change in PaO2, Conscious level and vital signs. She was out of vasopressor support but continued spikes of fever, her gram stain showed heavy growth of candida species, so she had to be started on Antifungals. Patient's fever began to subside, and she was producing more urine, a positive sign of improving kidney function. Her oxygen requirements were steadily reduced, and by March 25, she was ready for a major milestone 'liberation from ventilator' and she was successfully extubated to HFNC with the flows of 6L and Fio2 60%.



**22/3/2025**



**23/3/2025**



**24/3/2025**

Finally, on March 27, Patient was stable enough to be discharged. Her body had defied the odds. The oxygen levels were normal, her kidneys had fully recovered, and her body was free from the clutches of infection. What started as a night of terror had turned into an inspiring journey of resilience.

Patient's recovery is nothing short of miraculous. With early intervention, a diligent team of doctors, nurses, and specialists, and a state-of-the-art treatment plan, she overcame the odds and emerged victorious. Her story is a testament to the extraordinary capabilities of modern medicine and the unyielding strength of a young child. Today, patient stands as a beacon of hope and resilience, a shining example of the power of teamwork, expertise, and determination in the face of adversity.



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