

POSTER PRESENTATION 31**LUMP AND BUBBLES**

Sareth Raj Kesavaraj, Melissa Yong,
Alzamani Idrose

Hospital Kuala Lumpur, Malaysia

Introduction:

Necrotising fasciitis (NF) of the neck is a rare but life-threatening soft tissue infection involving superficial fat and fascia with necrosis of overlying skin. Here we discuss a case of NF caused by gas-forming monomicrobial *Klebsiella pneumoniae*.

Case description:

A middle aged, large built, Chinese male was brought into resuscitation bay with complaints of swelling over the left neck for 2 days, with hoarseness and dysphagia.

On examination, noted a 5x6cm swelling over the left sub-mandibular, extending to the midline with skin discoloration. Other physical examinations were unremarkable. His BP 170/90 mmHg, HR 120, RR 20, temperature of 38.20C and saturating 100% on air. Chest and neck X-ray showed contralateral deviation of trachea and subcutaneous emphysema. Intravenous Unasyn, Metronidazole and fluids were initiated. Bedside flexible scope by ENT team revealed a patent airway with medialization and edema of pharynx. In anticipation of a difficult airway, patient was electively intubated in the OT. Patient underwent neck debridement and had a tracheostomy done. Swab culture isolated *klebsiella pneumoniae*. He was discharged well after a month.

Discussion and Conclusion:

Early recognition of NF is essential for treatment success. Isolation of the causative organism guides the choice of

antimicrobials. Management also involves securing the airway and prompt surgical intervention.

Reference:

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