

Impacted Plastic Electrocardiogram Sticker Liner Foreign body in the Hypopharynx: A Hospital Acquired Foreign Body

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Abstract

Introduction: We describe an impacted plastic Electrocardiogram (ECG) sticker liner foreign body (FB) in the hypopharynx of a 23 years old healthy gentleman. The patient had no recollection of ingesting the foreign body during his hospital stay a year earlier for undergoing a sigmoidoscopy under general anaesthetic. He remembered an ECG tracing been performed on him prior to and after his sigmoidoscopy for cardiac monitoring.

Case presentation: The patient presented to emergency clinic with odynophagia, haemoptysis and weight loss for 1 year. Clinical examination including flexible nasendoscopy and laryngoscopy revealed findings which were suspicious for a malignancy. Radiological investigations revealed inflammatory changes in the hypopharynx with no evidence of any radio opaque foreign body. The patient then underwent a rigid pharyngo-oesophagoscopy which revealed a plastic radiolucent hospital acquired foreign body which was successfully removed. There was no evidence of pharyngeal or oesophageal perforation.

Discussion: Long standing foreign bodies in the upper aerodigestive tract may cause penetration and extraluminal migration of the ingested foreign body. This may cause severe vascular and/or suppurative complications, occasionally death may occur. This case highlights a very rare scenario for a mentally able adult patient to inadvertently ingest a plastic ECG sticker liner following an ECG tracing. To our knowledge this is the first case report of a hospital acquired foreign body lodged in the hypopharynx to be retrieved a year later in a healthy mentally able patient. In this presentation, we aim to emphasise the importance of a high clinical suspicion of a hospital acquired foreign body as well as the need for medical

devices to be radio-labelled so as to allow for an early radiological detection.

Biography:

Dr Vinson L.G. Fernandes completed his MBBS and Masters in Otolaryngology and Head & Neck Surgery from Goa Medical College, Goa, India. He has also completed his MRCS ENT and is a Member of the Royal College of Surgeons of Edinburgh. He has 9 publications to his name in reputed international and national journals. He is very keen on research and is passionate about Otolaryngology and Head & Neck Surgery.

Speaker Publications:

Published a case report titled "Squamous Inclusion Cyst In The Palatine Tonsil Mimicking A Tumor" in the International Journal of Otolaryngology and Head & Neck Surgery. DOI: 10.4236/ijohns.2018.75026

Published a rare case report titled "Congenital Laryngeal Web: A Laryngology Rarity" in the International Journal of Otolaryngology and Head & Neck Surgery in July 2018. <https://doi.org/10.4236/ijohns.2018.74017>

Published a case report titled "Epidermoid Cyst of the Auricle: A Common Cyst at a Rare Site" in the International Journal of Otolaryngology and Head & Neck Surgery Vol.7 No.6, November 2018. DOI: 10.4236/ijohns.2018.76034

Published an original research article titled "Study of Voice Disorders Among School Teachers in Goa" in the Indian Journal of Otolaryngology and Head & Neck surgery in September 2018. DOI: <https://doi.org/10.1007/s12070-018-1479-0>

Published a case report titled "Verrucous carcinoma of the glottis and subglottis: a rare case report" in the International Journal of Otorhinolaryngology and Head and Neck Surgery (IJORN) in January 2019. DOI: <http://dx.doi.org/10.18203/issn.2454-5929.ijohns20185322>

Published an Original research article titled "A study on the prevalence of diagonal earlobe crease in patients with cardiovascular disease and diabetes mellitus" in the Indian Journal of Otology in February 2020. DOI:10.4103/indianjotol.INDIANJOTOL_117_18



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