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SIMILAR**Name of Journal:** *World Journal of Cardiology***Manuscript NO:** 52380**Manuscript Type:** Letter to the Editor**Demystifying airline syncope**Kingsley T *et al.* Airline syncope

Thomas Kingsley, Robert Kirchoff, James S Newman, Rahul Chaudhary

**Abstract**

Syncope forms a major part of medical in-flight emergencies contributing one-in-four in-flight medical events accounting to 70% of flight diversions. In such patients, it is important to elucidate the pathophysiology of syncope prior to diversion. Postural hypotension is the most common etiology of in-flight syncopal events. However, individuals without any underlying autonomic dysfunction can still experience syncope from hypoxia also known as airline syncope. Initial steps in managing such patients include positioning followed by the airway, breathing and circulation of resuscitation.

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Demystifying airline syncope



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## Vasovagal Syncope

Medical Condition

Loss of consciousness due to sudden drop in heart rate and blood pressure



- Pale skin
- Lightheadedness
- Tunnel vision
- Nausea
- Blurred vision

Fainting resulting from certain stressful triggers which lead to sudden drop in blood pressure and heart rate.



Common (More than 200,000 cases per year in US)



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Requires lab test or imaging