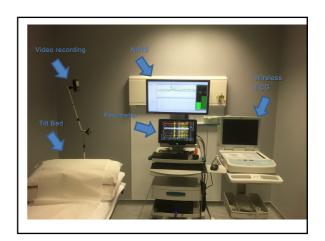
Video Tilt 16.5.19 Ciara Rice



Tilt Test

- Provocative test to try and reproduce a persons symptoms of syncope or presyncope.
 The test measures how your
- The test measures how your blood pressure and heart rate respond to the force of gravity.
 Tilt-table tests can be used to
- Tilt-table tests can be used to see if fainting is due to abnormal control of heart rate or blood pressure.



Methodology

- Quiet dim lit room at 21-23°C
- 2 Professionals (Nurse/Doctor)
- · Resuscitation equipment
- Rest for 5-10 minutes supine
- Tilt bed to 70°
- Continuous ECG and phasic beat to beat BP monitoring.
- Different protocols.





ESC GUIDELINES

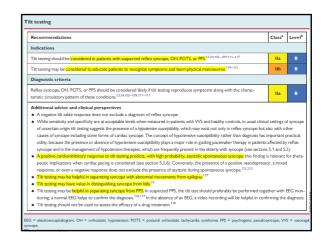
2018 ESC Guidelines for the diagnosis and management of syncope

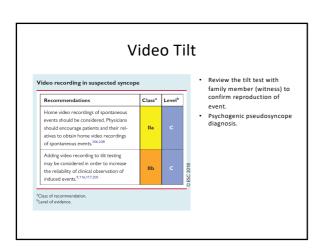
The Task Force for the diagnosis and management of syncope of the European Society of Cardiology (ESC)

Developed with the special contribution of the European Heart Rhythm Association (EHRA)

Endorsed by: European Academy of Neurology (EAN), European Federation of Autonomic Societies (EFAS), European Federation of Internal Medicine (EFIM), European Union Geriatric Medicine Society (EUGMS), European Society of Emergency Medicine (EuSEM)

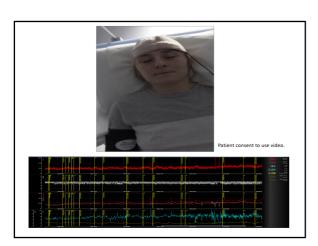
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Case 1 March 2019

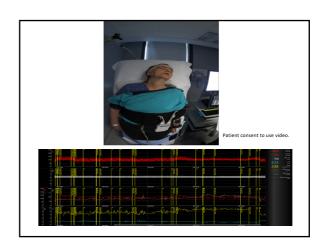
- 18 year old, referred to ED by GP with 5 episodes of "seizure like activity" over the last 3 months – eyes rolling back, teeth clenching, tries to speak but cant get words out or repeats same word, amnesia after event
- · No loss of postural tone.
- 1 episode post argument with her girlfriend.
- Reviewed in ED, detailed history not suggestive of seizure or syncope, suggestive of psychogenic pseudosyncope.
- Lots of social stressors, leaving cert year.
- Family very concerned as they have witnessed episodes and her sister has a diagnosis of epilepsy.
- Proceeded to plain head up tilt.



- Video reviewed by father and confirmed correlation with events.
- · Several social stressors.
- Has attended ARC services (counselling) but had stopped going prior to episodes starting.
- Accepting of diagnosis agreed to reengage with services.

Case 2 May 2019

- 57 year old, referred with recurrent dizziness, falls and syncope over the last 2 years.
- Severe presyncope a few times a week.
- Multiple attendances to different healthcare specialists.
- Does have Initial OH on active stand but not reproductive of her pre syncope symptoms and BP recovers within 30 seconds.



Questions?