





































PPS: Outcomes

FASU

All Cause Syncope is Associated with Worse QoL

- Perceptions of low overall physical health
- Mental health Increased fear
- Somatization
- Depression and anxiety
- ADL impairments e.g. driving, working, school attendance
- Greater comorbidity at baseline

Predictors of worse QoL over time include

- Recurrent syncope
- Neurologic or psychogenic reason for syncope

What about our cases?



Case 1

2 x ED Presentations 11 x OPD Visits Nil since diagnosis Engaged with CBT

Case 2

4 x CT Brain, 2 x MRI

Has not engaged with services to date Continuing to have blackouts – 1 further admission

Is NIRS Useful?



- Previously felt that PPS was dx of exclusion now we can demonstrate it is provable. The dx of both PNES and PPS must not rely on exclusion but on positive evidence.
- Additional tests serve to confirm the diagnosis and exclude others and secondly to increase
 confidence in being able to convince patients, their relatives and other physicians that episodes are
 indeed non-organic.
- Changes in peripheral haemodynamic parameters provide only indirect evidence that apparent LOC is not organic. NIRS is capable of determining whether an LOC is related to decreased blood flow. Clinicians may feel less uncomfortable delivering the diagnosis based on direct measurement of cerebral perfusion
- Patients are typically invested in receiving medical care. In practice, we have found that patients often
 require further investigations before accepting the diagnosis. NIRS may be an appropriate alternative
 to EEG.

PPS: Conclusions



Significant proportion of unexplained syncope

Key findings from history can suggest. Confirm with HUT and Video/NIRS.

Significant impact on QOL

Discussion and appropriate referral can impact significantly on further episodes / healthcare use

NIRS is a useful replacement for EEG in its evaluation – increases diagnostic accuracy, crucial in diagnosis feedback and may increase likelihood of accepting the diagnosis



Thank you! Any Questions...Comments?





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