



The Society for Acute Medicine

Exploring acute confusional state in Clinical Practice

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President

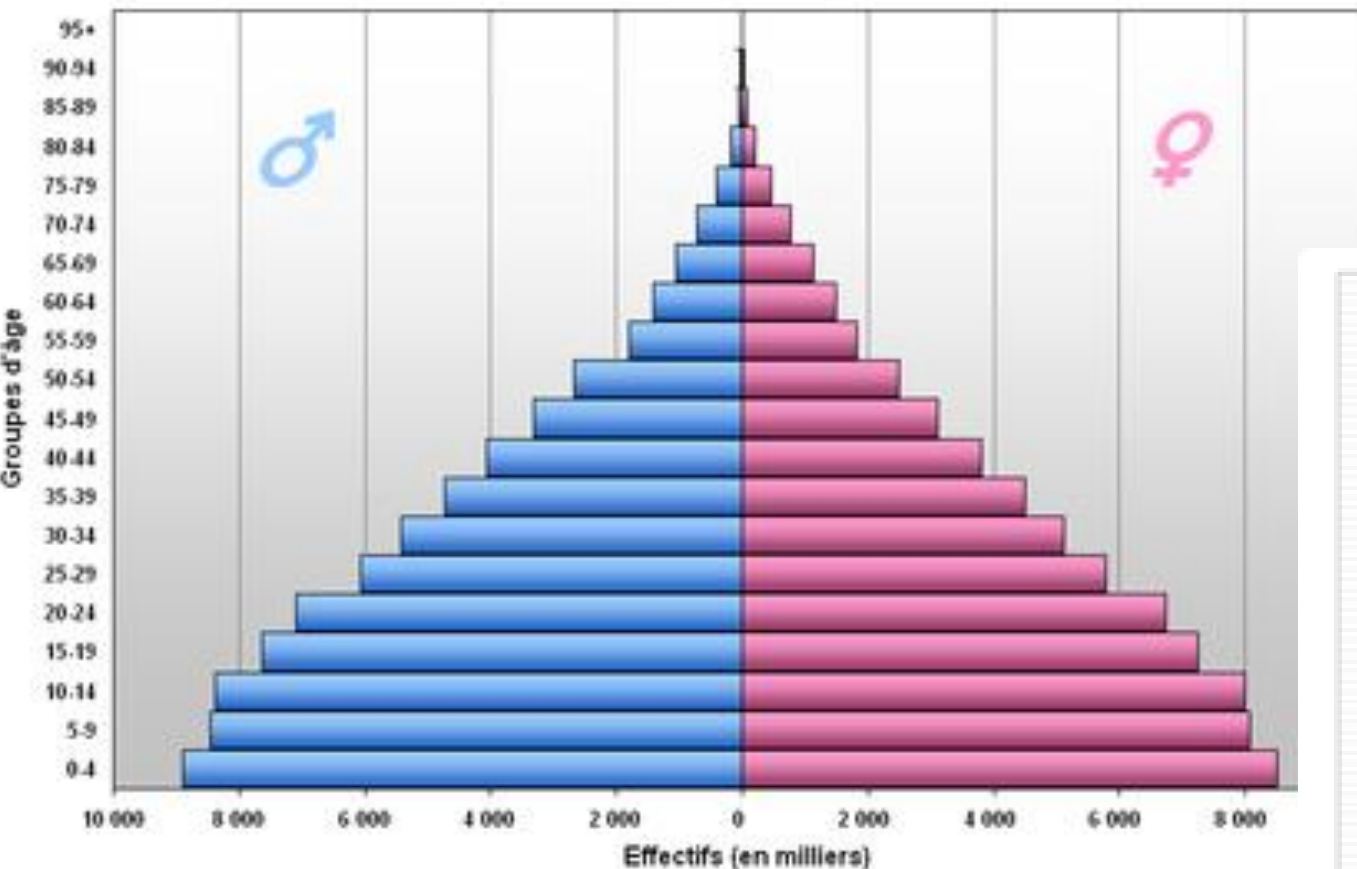
Can you see this man who appears confused?





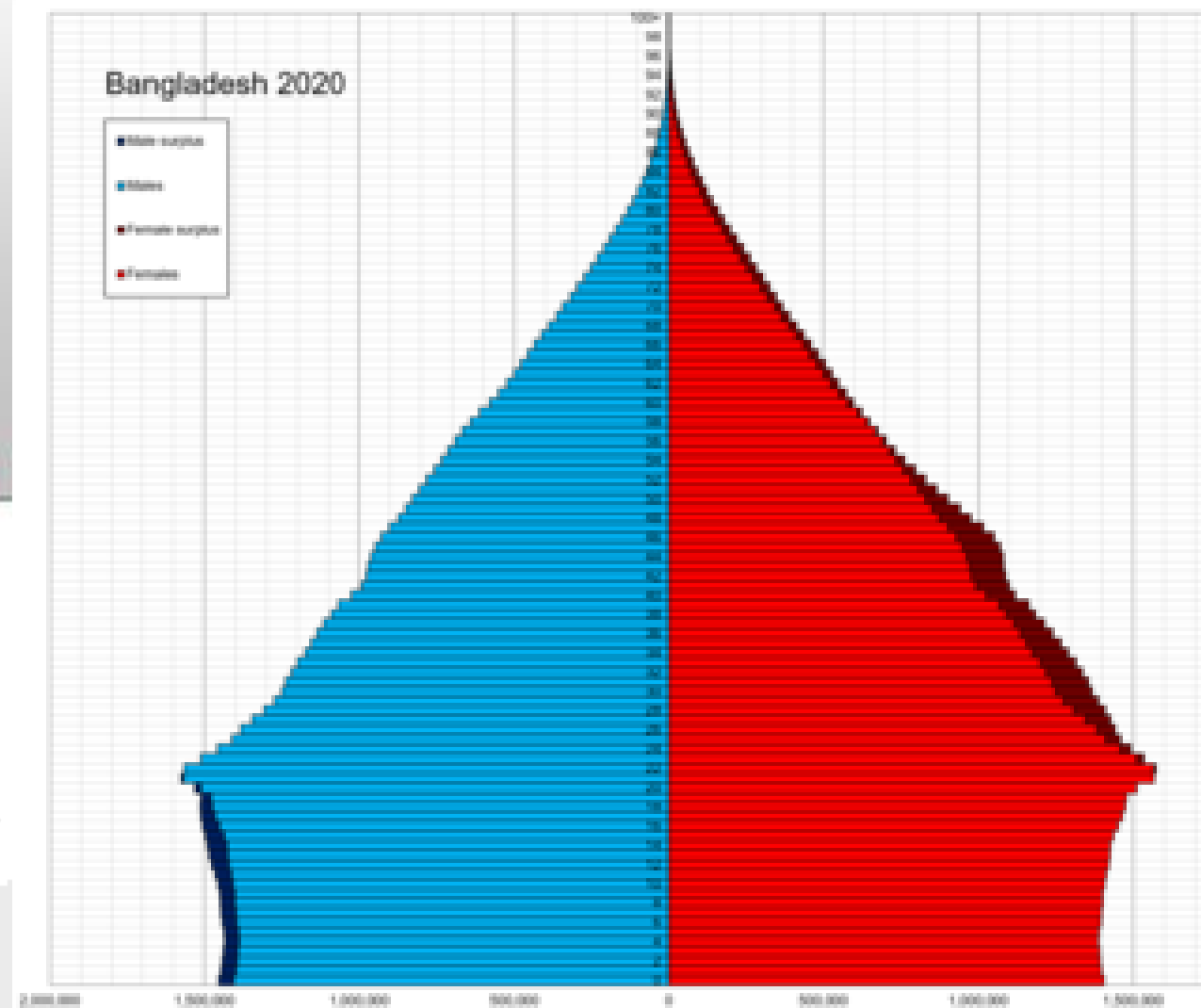


Pyramide des âges, Bangladesh, 2005



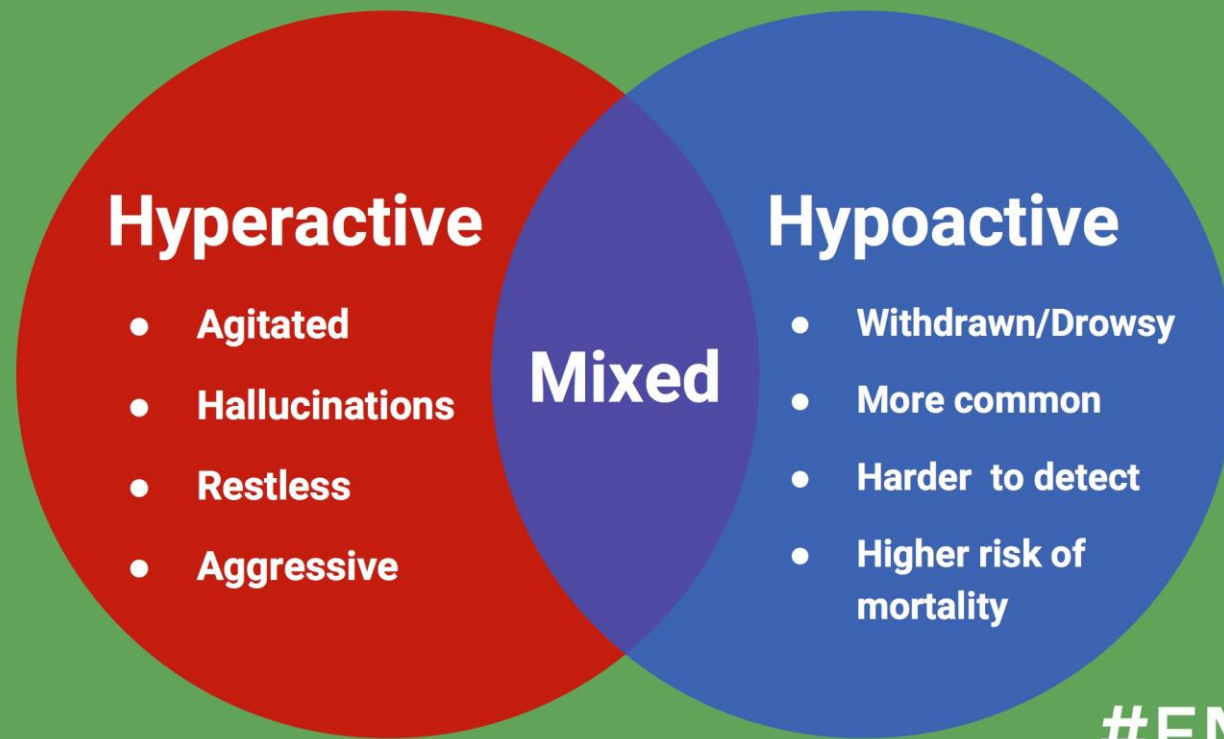
Source: Organisation des Nations Unies (World Population Prospects: The 2004 Revision)

Bangladesh 2020



Recognising Delirium in the ED

“Acute onset and fluctuating course of disturbance in attention, level of arousal, and other aspects of mental status”



#EM3
East Midlands Emergency Medicine Educational Media

Rapid screening in the ED:

- “Months of the year backwards” and “What is the day of the week?”
- When used in combination a study showed it identified 93% of delirium cases.

Why Important to Recognise

- Increased M and M
- Increased Length of stay
- Marker of possible dementia, cognitive dysfunction
- Often multifactorial



	Potential contributors / Correctibles
D	Drugs
E	Eyes, Ears, Environment
L	Low Oxygen
I	Infection / Insomnia
R	Retention (urine / faeces)
I	Ictal state
U	Underhydration / nutrition
M	Metabolic
S	Surgery / Subdural haematoma

Drugs

- ETOH
- Steroids
- Opiates
- (Recreational)



WINE ALLEY

WINERY AND RESTAURANT

Penfolds, Bin 28 Kalimna Shiraz 2011

Penfold's pinnacle white wine has been described by many as 'white Grange'. Yattarna literally translates as 'Little by little' a reference to the evolution of this winemaking. Meticulous winemaking and attention to detail makes this one of Australia's top Chardonnays

Bin 389 Cabernet/Shiraz, South Australia 2011

Made with declassified Bin 707 and Grange fruit, aged in 100% American oak. This is deep ruby in colour with a strawberry jam aroma. On the palate, blueberry and cassis with tightly grained tannins

R.W.T. Shiraz, Barossa Valley 2008

Possibly the best RWT (Red Winw Trial) ever according to winemaker Steve Lienert. Fruit from various Barossa sites aged in French oak makes this particular opulent and seductive

Grange, South Australia 1996

An exceptional vintage of one of Australia's greatest wines. Highly perfumed, concentrated sweet cherry, plum, licquorice and vanillin oak. Rich multi layered palate with opulent plum and chocolate flavours. Sweetness of fruit combines with well balanced fine grained tannins to give excellent structure and generosity

Yattarna Chardonnay, Tasmania 2011

Penfold's pinnacle white wine has been described by many as 'white Grange'. Yattarna literally translates as 'Little by little' a reference to the evolution of this winemaking. Meticulous winemaking and attention to detail makes this one of Australia's top Chardonnays

Ears, Eyes, Environment

- Newly blind to right (door)

- Glasses

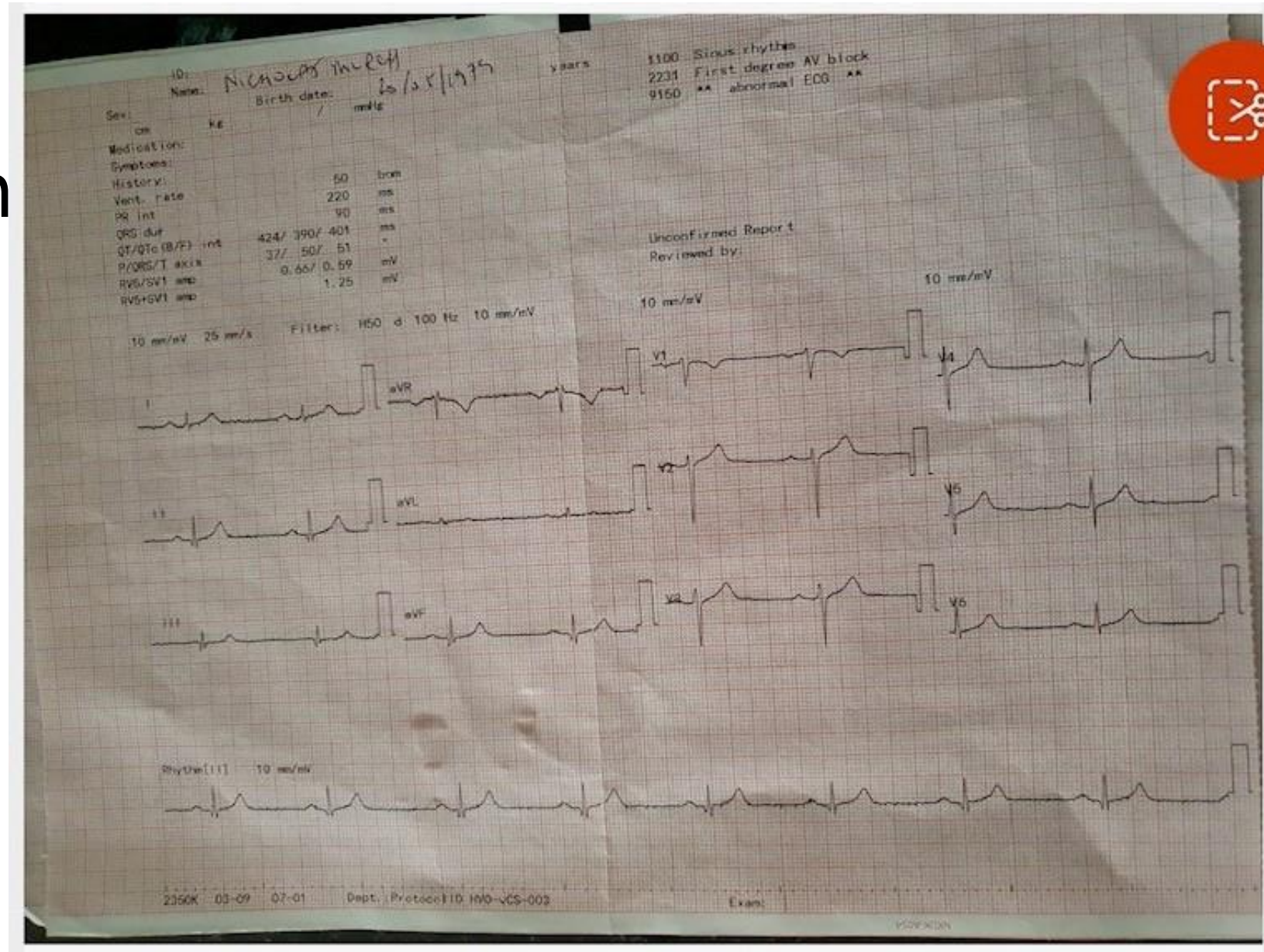


- Hearing Aid

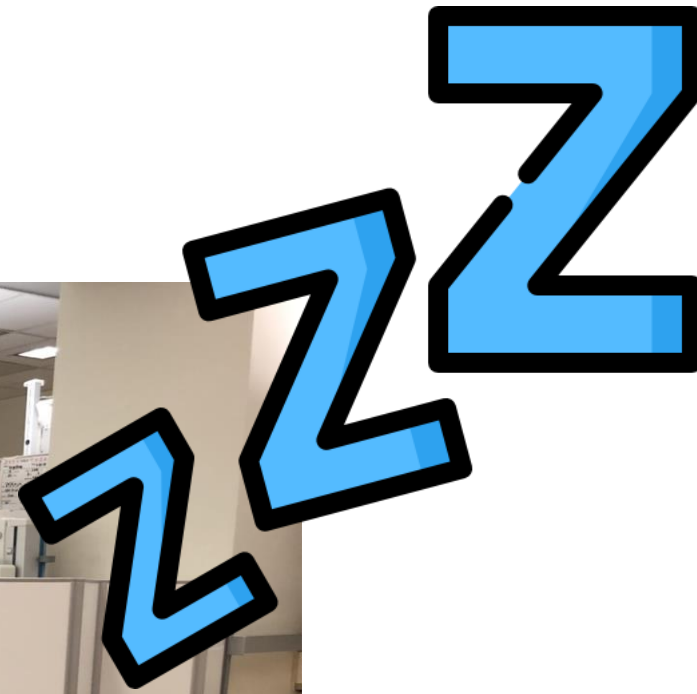


Low Oxygen

- MI / PE
- Liver failure



Infection / Insomnia



Retention

BOWEL MOVEMENT RECORD

Name: _____

Month: _____ Year: _____

Date	Time	Size	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Staff Initials
		S-small M-medium L-large S M L	Separate hard lumps like nuts (hard to pass) 	Sausage shaped but lumpy 	Like a sausage but with cracks on surface 	Like a sausage or snake, smooth and soft 	Soft blobs with clear-cut edges (passed easily) 	Fluffy pieces with ragged edges, a mushy stool 	Watery, no solid pieces (entirely liquid) 	
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Adapted from the Bristol Stool Scale developed by KW Heaton and SJ Lewis at the University of Bristol, 1997



Ictal state

- Lovell B, Lander M, Negus R. Non-Convulsive Status Epilepticus as a cause for prolonged delirium: an under-diagnosed phenomenon?. *Acute Medicine*. 2012;11(4):222-225.

YOUR GO-TO RESOURCE FOR
Acute Medicine

Acute Medicine
Official Journal of the Society for Acute Medicine
Available online: www.acutemedjournal.co.uk

Acute Medicine
Official Journal of the Society for Acute Medicine

Guest Editorial
Evidence-based Care: Dr P Dean & N S...

Case Report
Acute coronary syndrome after initiation of intracranial aneurysm treatment: a case report
M Brabant, CB Lamm, M Happonen, S B Bøgh

Correspondence
The COVID-19 pandemic has not affected the mortality for patients admitted with pneumonia in Denmark
Rita Publications Ltd • Acute Medicine • 2023 • Volume 22 Issue 1 • 1-56
Acute Medicine is indexed in PubMed and EMBASE and cited in Medline

www.acutemedjournal.co.uk

Under hydration / nutrition

WHAT?

Infusion of:

- **Vit B1** (Thiamine hydrochloride)
- **Vit B2** (Riboflavin)
- **Vit B6** (Pyridoxine hydrochloride)
- **Vit C** (Ascorbic acid)
- **Nicotinamide**
- **Anhydrous glucose**

Can be given IV or IM – but these are different preparations.

For treatment and prophylaxis of **Wernicke's Encephalopathy**, but there are other indications...

WHY?

It's not just for alcoholics. Consider it in **anybody at risk of refeeding** (*malnutrition is becoming more common*)

One or more of:

BMI less than
16 kg/m²

Unintentional weight loss **greater than 15%** within the last **3-6 months**

Little to no nutritional intake for **more than 10 days**

Low levels of potassium, phosphate or magnesium prior to feeding

Two or more of:

BMI less than
18.5 kg/m²

Unintentional weight loss **greater than 10%** within the last **3-6 months**

Little to no nutritional intake for **more than 5 days**

A history of alcohol abuse or drugs including insulin, chemotherapy, antacids or diuretics

Also used in patients on **chronic dialysis**.

HOW?

Refeeding Syndrome (LITFL)
<http://bit.ly/2kssmXd>

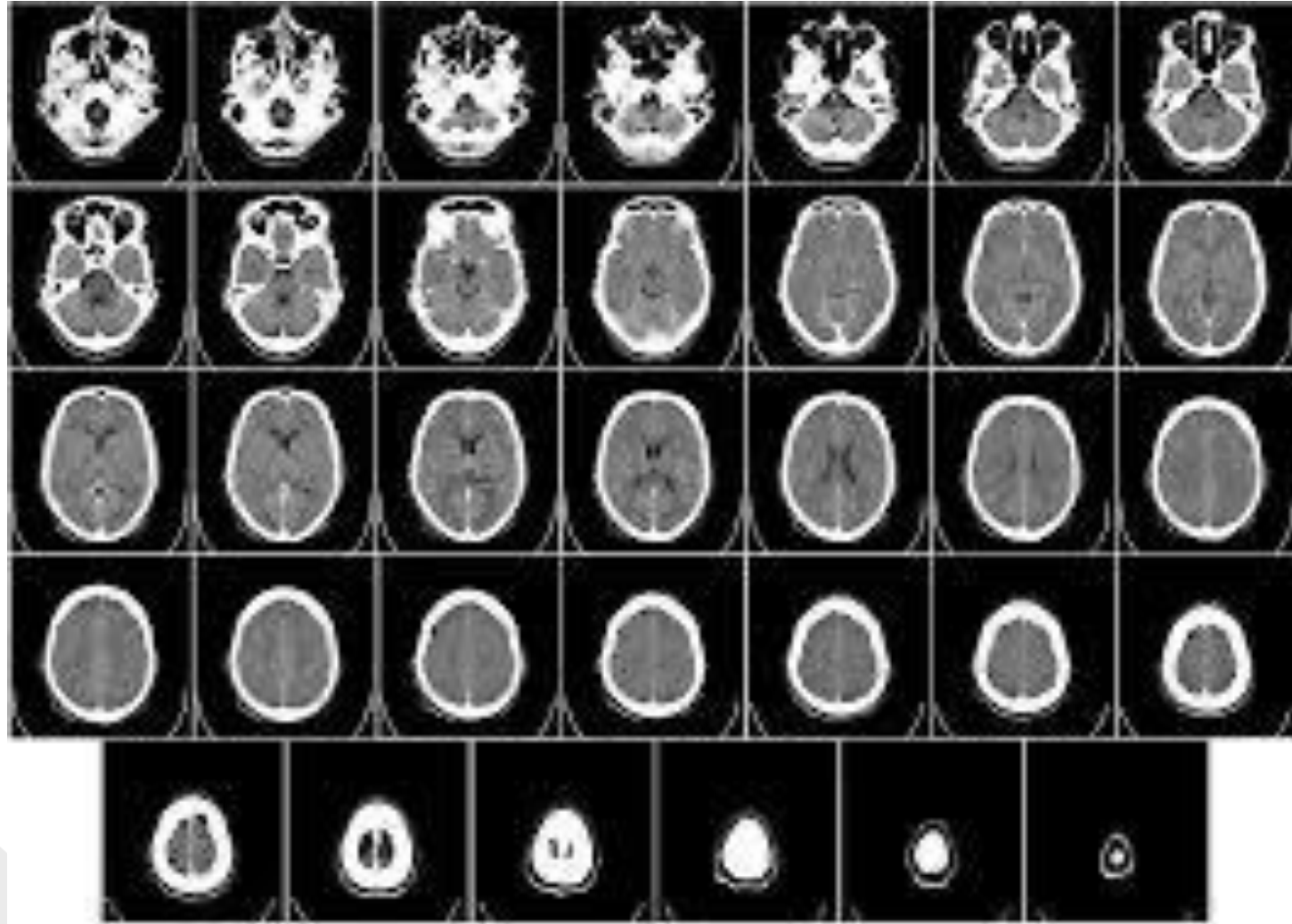
Nutrition Support for Adults (NICE) <http://bit.ly/2fXTxrr>



Metabolic



Surgery / Stroke / Subdural



PREVENTION
IS BETTER
THAN CURE.



Desiderius Erasmus
www.quote-coyote.com

6 PROVEN* STRATEGIES TO PREVENT DELIRIUM IN OLDER ADULTS



Possible treatments

- Haloperidol
- Antipsychotics



DELIRIUMS – TTA and Questions

- Difficult to diagnose
- Increased M and M
- Increased Length of stay
- Marker of possible dementia
- Often multifactorial
- Possibly preventable / minimise

