A LEARNING POINTS' EVOLUTION

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INTRODUCTION

In the current digital era, the ability to augment medical education through technology remains vast. Visual data is perceived and processed more efficiently than written information. Infographics can simplify complex scientific concepts.

Our aim was to assess the benefit of using visual aids and infographics in our departmental newsletter.

METHODS

The educational newsletter was restructured from a simple word document to a colourful high-quality PDF, incorporating visual aids and infographics. Weekly newsletters were sent out to clinicians over a 12 week period. Through a simple survey, anonymised qualitative feedback regarding the new appearance was then collated from 23 non-randomised volunteers

THE OLD NEWSLETTER DEISGN

0	Dear ARU	J team,					
L	earning	points	for	this	week	belo	N

David, Jenny, Maggie, Mark, Ryan

Thanks to Dr Lewis- Ophthalmolog

ith a normal CSF composition

Visual acuity

Optic nerve examination

IIH is sight threatening

Always rule out secondary causes

Pupils
Colour vision
Fields

anagement option

Idiopathic intracranial Hypertension

Best wishes

Teaching Grand Round:

Let us know if there's anything you'd like us to include next week.

hy is it important? If left untreated- this condition sight threatenin

nservative: weight loss in obesity- Healthy start programme

Medical: Acetazolamide, Topiramate, rule out secondary causes

urgical: shunting, optic nerve sheath fenestration

What causes it? Pathogenesis not fully understood

ARU LEARNING POINTS Week beginning: 22/06/20

nat is it? Raised Intracranial hypertension without a Space occupying lesion or hydrocephalus

Little assoc with obesity in young children. Can be secondary to iron deficiency anaemia

iymptoms are that of raised <u>ICP-headaches</u> worse on <u>valsalive</u> (CARRENCE, BCENOUSE in visior ulsatile tinnitus, horizontal diplopia- assoc with 6th cp. palsy.



 Iron deficiency anaemia is a known secondary cause- so in people with raised ICP include Big/haematinics as part of your investigations

Thanks to Dr Catriona Mottat, Dr Cyan Harte and Dr Shannon Connolly (Clinical Psychologists)

"All By Myself: the Psychological Legacy of Coyld Lockdown and Shielding for Young People Resources for psychological support for young people during Covid-19 Pandemic:

https://clearyourhead.scot/

https://nipinthebud.org/

Clinical

Do you feel equipped to talk to young people about drugs?

We are seeing more young people experimenting with recreational drug use



6% of 13 year olds and 21% of 15 year olds had ever used drugs. It was most common for pupils to have used drugs out in the street or in someone else's home.

Cannabis was the most widely used drug; 19% of 15 year olds had ever used cannabis 6% of 15 year olds had ever taken exstasy. 5% had ever taken cocaine. 5% had ever taken am

6% of 15 year olds had ever taken ecstasy, 5% had ever taken cocaine, 5% had ever taken any form of Novel Psychoactive Substances (NPS) and 5% had ever taken MDMA powder. 31% of 13 year olds and 42% of 15 year olds who had ever used drugs had been drinking alcohol the

ast time they had used drugs

Below are some useful sources of info for youth, carers and health care professionals:

During the COVID pandemic, disruption of conventional teaching has necessitated expansion into alternative education. Weekly newsletters have been an invaluable

educational tool, allowing dissemination of learning to a wide multidisciplinary audience. Educational engagement has been enhanced through evolution to a high-quality graphic layout.



THE NEW NEWSLETTER DESIGN

RESULTS

All respondents reported engagement with the newsletter. 96% noted the change in layout, with 87% rating it as "better" or "much better". 82% described the infographics as important in encouraging their engagement with educational content. Qualitative feedback has reinforced that changing to a visually enhanced newsletter has encouraged high levels of engagement with the educational material.

References:

1. Dur Bl. Data visualization and infographics in visual communication design education at the age of information. Journal of Arts and Humanities. 2014 Jun 1;3(5):39–50.. [Accessed 27.11.20]