Who Needs an Academic Library When We’ve Got Google?

Isolde Harpur and Greg Sheaf
By the end of today’s session you will:

- Be aware of the benefits and limitations of using Google
- Be able to differentiate between the surface and deep web
- Have developed an awareness of what a quality source looks like
- Gain a knowledge of what the Library can offer you that Google can’t
95% of searches in Ireland...
OTHER SEARCH ENGINES ARE AVAILABLE...

https://youtu.be/nfHuZ5qrYX4
WE MISS YOU, ALTAVISTA

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Ask AltaVista® a question. Or enter a few words in any language

Search For: Web Pages Images Video Audio

Nostalgia

Example: When precisely will the new millennium begin?
How much of the Web are you searching when you Google something?
The Deep Web

The Public Web

Only 4% of Web content (~8 billion pages) is available via search engines like Google

7.9 Zettabytes

The Deep Web

Approximately 96% of the digital universe is on Deep Web sites protected by passwords

Source: The Deep Web: Semantic Search Takes Innovation to New Depths
Attributes of the Surface & Deep Webs

World Wide Web

Visible / Surface Web
- Search engines
  - Examples: Google, Bing, Yahoo!
- Search directories
  - Examples: DMOZ, BOTW

Invisible / Deep Web
- Specialised, searchable databases
  - Free
    - Examples: Library catalogues, Digital archives, Google Books
  - Fee-based
    - Examples: Databases, Dictionaries, Encyclopaedias, E-books
My Google

/=/= 

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Not everything that is freely available is shown in a Google search
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• Google Scholar
• Gothic Past
• Gov.ie
• GOV.UK
• Government Finance Statistics (IMF GFS)
• Grove Dictionary of Art SEE Oxford Art Online
Modelling potential impacts of climate change on the bioclimatic envelope of species in Britain and Ireland
PM Berry, TP Dawson, PA Harrison... - Global ecology and ..., 2002 - Wiley Online Library
Aim Climate change has the potential to have significant impacts on the distribution of species and on the composition of habitats. This paper identifies the potential changes in the future distribution of species under the UKCIP98 climate change scenarios, in order that
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Climate change in Ireland from precipitation and streamflow observations
G Kiely - Advances in water resources, 1999 - Elsevier
On the basis of General Circulation Model (GCM) experiments with increased CO2, many parts of the northern latitudes including western Europe, are expected to have enhanced hydrologic cycles. Using observations of precipitation and streamflow from Ireland, we test
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The impacts of climate change on hydrology in Ireland
S Steele-Dunne, P Lynch, R McGrath, T Semmler... - Journal of ..., 2008 - Elsevier
A study of nine Irish catchments was carried out to quantify the expected impact of climate change on hydrology in Ireland. Boundary data from the European Centre Hamburg Model Version 5 (ECHAM 5) general circulation model were used to force the Rossby Centre
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...but this is also true of the Library’s Stella Search – searching for the name of an article may not always give a direct link, even if we subscribe to it.
The politics of climate change in Ireland: symposium introduction.
Little, Conor; Torney, Diarmuid

The domestic arena has never been so important for the politics of climate... more

If at first you don’t succeed: the development of climate change legislation in Ireland.
Torney, Diarmuid

Ireland’s national climate law, the more

Climate change: refining the impacts for Ireland / authors: John Sweeney ... [et al.]

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Let's take back control

Source: metro.co.uk
UK Web Archive

Internet Archive

– Home of the Wayback Machine
  (old versions of over 498 billion (!) webpages)

National Library of Ireland Web Archive
While you’re here....

Source: Gage Skidmore via Wikimedia Commons
HOW TO SPOT FAKE NEWS

CONSIDER THE SOURCE
Click away from the story to investigate the site, its mission and its contact info.

READ BEYOND
Headlines can be outrageous in an effort to get clicks. What’s the whole story?

CHECK THE AUTHOR
Do a quick search on the author. Are they credible? Are they real?

SUPPORTING SOURCES?
Click on those links. Determine if the info given actually supports the story.

CHECK THE DATE
Reposting old news stories doesn’t mean they’re relevant to current events.

IS IT A JOKE?
If it is too outlandish, it might be satire. Research the site and author to be sure.

CHECK YOUR BIASES
Consider if your own beliefs could affect your judgement.

ASK THE EXPERTS
Ask a librarian, or consult a fact-checking site.
ileal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children

A J Wakefield, S H Murch, A Anthony, J Lrumell, D M Cason, M Malik, M Berelowitz, A P Dhillon, M A Thomson, P Harvey, A Valenti, S E Davies, J A Walker-Smith

Introduction

We saw several children who, after a period of apparent normality, lost acquired skills, including communication. They all had gastrointestinal symptoms, including abdominal pain, diarrhea, and cramping, and, in some cases, food intolerance. We describe the clinical findings, and gastrointestinal features of these children.

Patients and methods

12 children, contacting 9 department of paediatric gastroenterology, who had a history of a pervasive developmental disorder with lost acquired skills and intestinal symptoms (abdominal pain, diarrhea, and food intolerance), were investigated. All children were admitted to the wards for 2 weeks, accounted for by their parents.

Clinical investigations

We took history, including details of immunisations and exposure to infectious diseases, and assessed the children. In 11 children, the history was obtained by the senior clinician (PM). New developmental and psychiatric assessments were done by consultant staff (FH, MB) with HAMs-5 criteria. Developmental status was assessed as that of the children who had been assessed elsewhere, so that these assessments were used as the basis for their developmental diagnosis.

After bowel preparation, ileocolonoscopy was performed by GEM or MAT under sedation with midazolam and propofol. Paired frozen and formalin-fixed mucosal biopsy samples were taken from the terminal ileum; ascending, transverse, descending, and sigmoid colon, and from the rectum. The procedure was recorded by video or still images, and were compared with images of the previous seven consecutive paediatric colonoscopies (four normal colonoscopies and three children with ulcerative colitis), in which the physician reported normal appearances in the terminal ileum. Barium follow-through radiography was possible in some cases. Also under sedation, central magnetic-resonance imaging (MRI), electroencephalography (EEG), including visual, brain stem auditory, and sensory evoked potentials (where compliance made these possible), and lumbar puncture were done.

Laboratory investigations

Thyroid function, serum long-chain fatty acids, and cerebrospinal-fluid lactate were measured to exclude known causes of childhood neurodevelopmental disorder. Urinary methylmalonic acid was measured in random urine samples from eight of the 12 children and age-matched postal samples, after modification of a technique described previously. Chromatograms were scanned digitally on computer, to analyse the methylmalonic acid content. Normal controls and patients were compared by a two-sample t test. Urinary creatinine was estimated by routine spectrophotometric assay.

Children were screened for antinuclear antibodies and anti-ENA antibodies and screened for fragile X if this had not been done.

See Commentary page

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