



INFORMAČNÍ, PORADENSKÉ
A SOCIÁLNÍ CENTRUM
Univerzita Karlova

Knihovnické a informační zdroje

Orientační týden 2019

Petr Urválek

Ústřední knihovna UK

System knihoven



- ▶ Ústřední knihovna UK a fakultní knihovny
- ▶ ÚKUK - elektronické informační zdroje (EIZ), knihovnicko-informační systémy apod.
- ▶ Fakultní knihovny - kompletní služby knihoven

Služby knihoven

- ▶ Výpůjčka, MVS
 - ▶ Reference, rešerše
 - ▶ Přednášky
 - ▶ Studovny
 - ▶ Katalogy
 - ▶ EIZ
- ▶ Na UK nutnost znát přihlašovací údaje do CAS (Centrální autentizační služba)
 - ▶ Nikdy nesdílet přístup - hrozba sankcí!



Typy databází a zdrojů

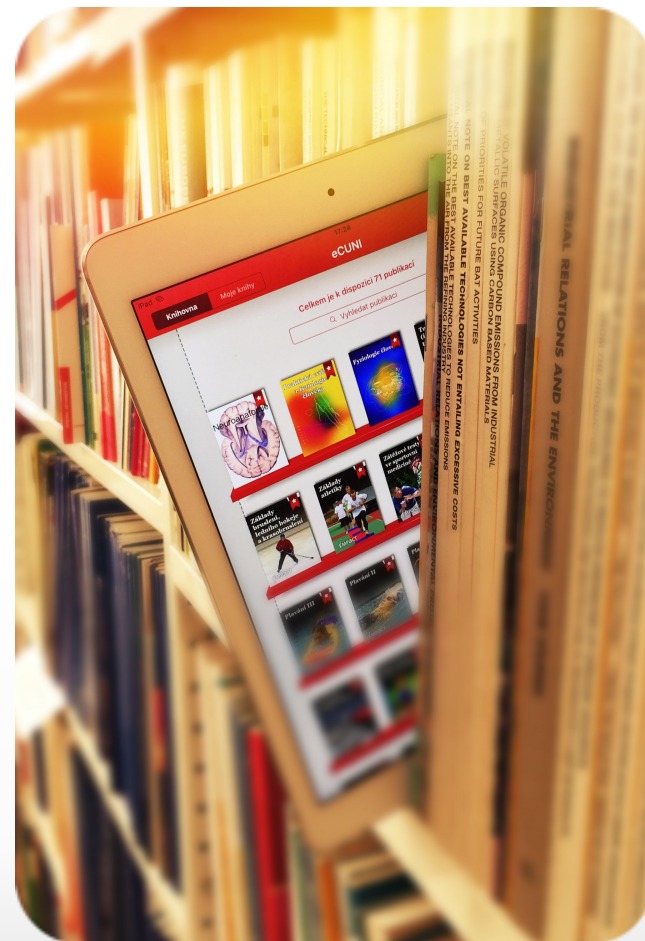
- ▶ fulltextové databáze
- ▶ faktografické databáze
- ▶ EBM databáze
- ▶ free trials
- ▶ volně dostupné
- ▶ EBA, PDA databáze
- ▶ bibliografické - katalogy
- ▶ tištěné zdroje - monografie / periodika
- ▶ elektronické zdroje - e-knihy, e-časopisy
- ▶ báze dat

i

ISBN - International Standard Book Number
ISSN - International Standard Serial Number
DOI - Digital Object Identifier

Kde hledat

- ▶ katalog knihoven pro tištěný fond a rezervace
- ▶ PEZ - Portál elektronických zdrojů
 - ▶ ezdroje.cuni.cz
- ▶ repozitář 1 pro závěrečné kvalifikační práce (Bc. - Ph.D.)
- ▶ repozitář 2 pro ostatní (např. mapové sbírky, historické dokumenty apod.)
- ▶ eCUNI: ecuni.publi.cz



Najděte primární zdroj:

<https://www.nationalgeographic.com/news/2017/03/human-heart-spinach-leaf-medicine-science>

<https://ct24.ceska televize.cz/veda/2920085-casna-zkusenost-s-pocitaci-nemusi-detem-jen-skodit-zjistil-vyzkum>

UKAŽ & PEZ

- ▶ **UKAŽ** ukaz.cuni.cz
- ▶ prohledává většinu infozdrojů na UK z jednoho místa:
 - ▶ EIZ
 - ▶ tištěné knihy
 - ▶ bakalářky - disertace
 - ▶ repozitáře
- ▶ **PEZ / EZDROJE** ezdroje.cuni.cz
- ▶ zpřístupňuje informace o e-zdrojích, i to co není v UKAŽ, ale neprohledává v nich



UNIVERZITA KARLOVA
Portál elektronických zdrojů

Google



Hledat Googlem

Zkusím štěstí

Google Scholar

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Stújte na ramenou obrů

SFX - link server

WEB OF SCIENCE™

Self-assembled ultra small ZnO nanocrystals for dye-sensitized solar cell application

By: Patra, Astam K.; Dutta, Arghya; Bhaumik, Asim
JOURNAL OF SOLID STATE CHEMISTRY Volume: 215 Pages: 135-142 Published: JUL 2014

 [Full Text from Publisher](#) [View Abstract](#)

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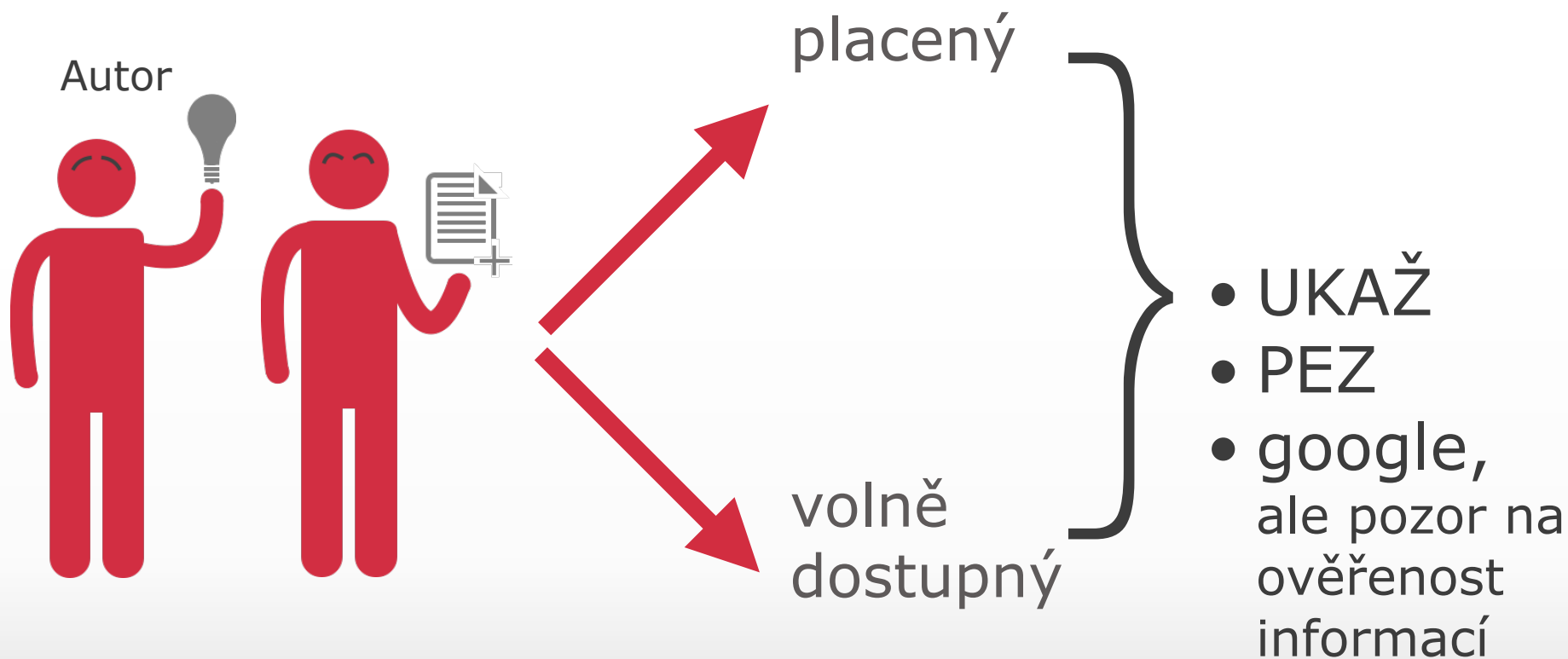
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Zdroje informací

z pohledu dostupnosti



Placený informační zdroj

Tradiční publikační model



An iceberg floating in the ocean. The tip of the iceberg is above the water, and the much larger part is submerged below the surface. The Google logo is overlaid on the tip of the iceberg.

Google

Deep web

EIZ

Elektronické informační zdroje

Přístup k EIZ

- ▶ autentizace nutná
- ▶ **Přímý přístup**
 - ▶ ze sítě UK - knihovny, učebny apod.
- ▶ **Vzdálený přístup**
 - ▶ odkudkoliv, 2 možnosti:
 - ▶ Shibboleth
 - ▶ EZproxy

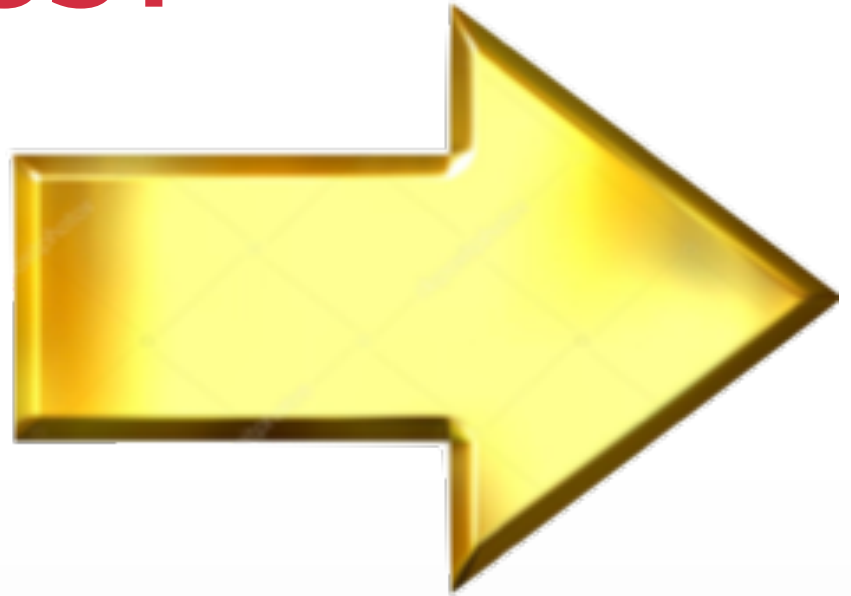


Shibboleth

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zelená cesta



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Volný informační zdroj

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- ▶ DOAJ - Directory of Open Access Journals
- ▶ DOAB - Directory of Open Access Books
- ▶ ROAD - Directory of Open Access Scholarly Resources

- ▶ Plos, ERIH Plus, Manuscriptorium atd.

Postup DEFOE

D ... dialog s uživatelem nebo vnitřní vedoucí k pochopení (se) z hlediska informačních potřeb

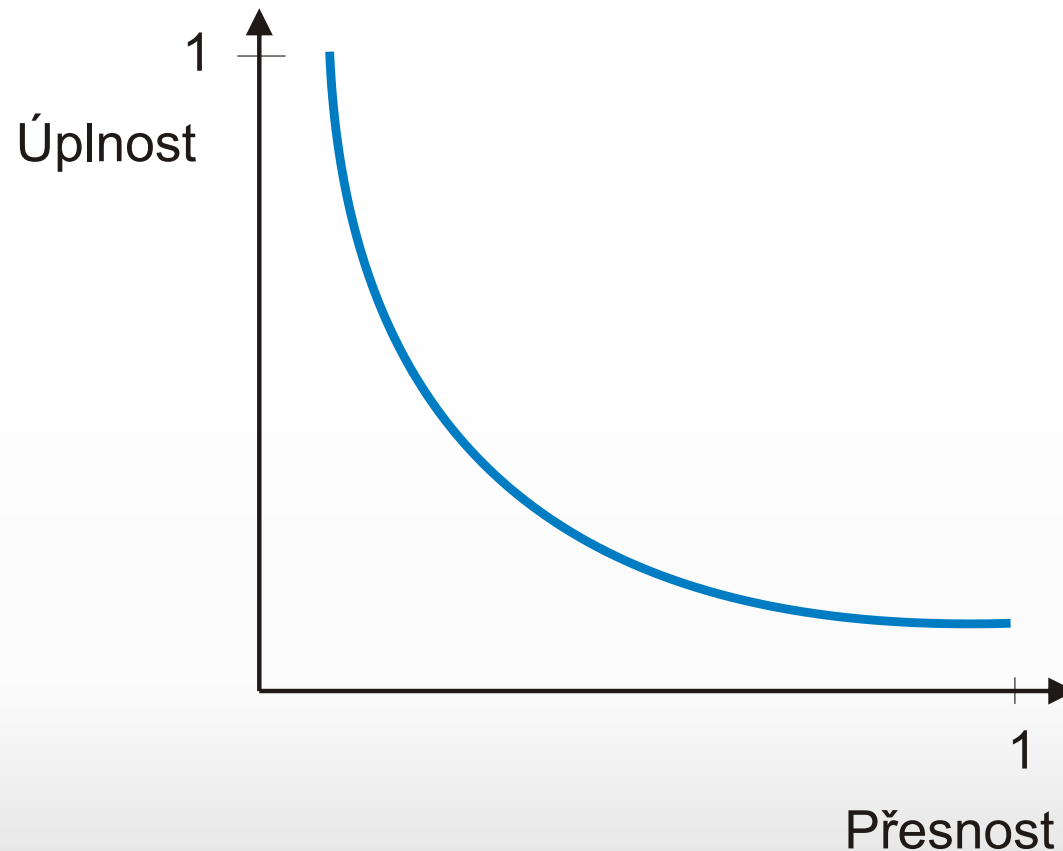
E ... elaboration, rozpracování, analytické vztahy

F ... finding, řešeršní strategie v širším i užším smyslu, střídání např. stavebních kamenů (building blocks), rostoucí perly (growing pearl), omezování (limits), případně dalších, RGB princip v barvách přenesen do řešerší

O ... observation, pozorování výsledků, jejich diskuze, ladění a doplňování řešerše

E ... evaluation, průběžné a autentické hodnocení, také tedy posuzování relevance a pertinence

Zaměřeno na výsledek: reálný vztah mezi úplností a přesností, souboj a nedosažitelnost, „beznaděj“ ? 😊

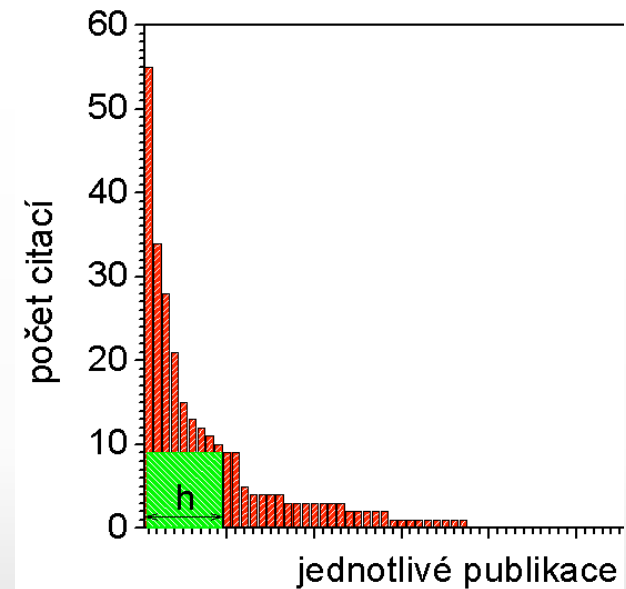


Kvalita zdroje

- ▶ scientometrie
 - ▶ impakt faktor
 - ▶ h-index
 - ▶ Immediacy index
 - ▶ Cited Half-life
 - ▶ Citing Half-life
- ▶ G-index
- ▶ Eigenfactor
- ▶ Y-factor
- ▶ Erdösovo číslo :)

Web Of Science / Scopus
- posouzení kvality zdroje

Najít vybraný zdroj na UK
- UKAŽ, PEZ

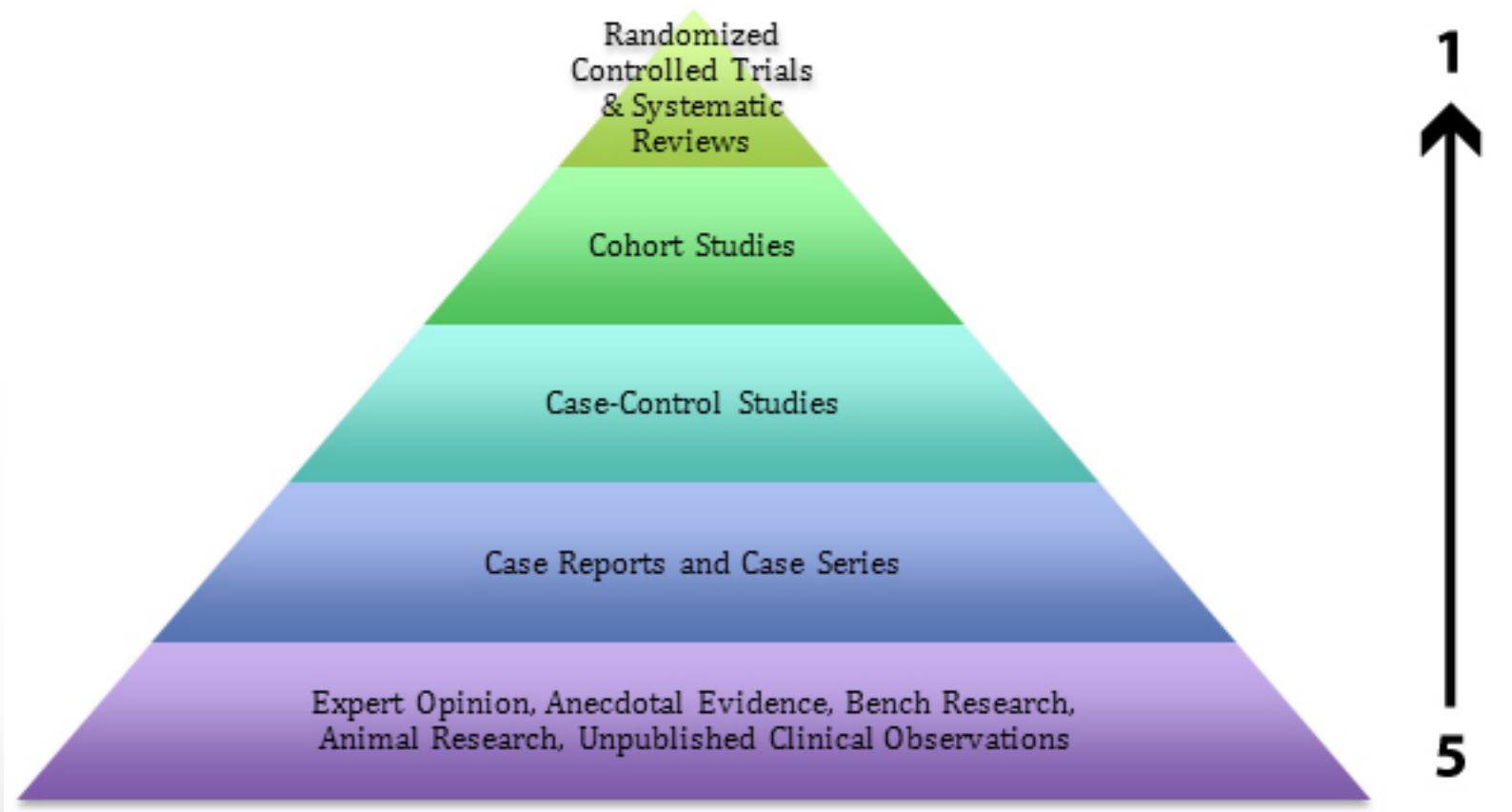


Ukázka neetického predátorského časopisu:

<https://www.theguardian.com/australia-news/2014/nov/25/journal-accepts-paper-requesting-removal-from-mailing-list>
<http://www.scs.stanford.edu/~dm/home/papers/remove.pdf>

Category of clinical recommendations	Classification of information depending on the strength of evidence.	Type of study
A	I.a	meta-analysis and systematic review of controlled clinical trials
	I.b	a randomized controlled clinical study with a clear conclusion
B	II.a	systematic reviews of cohort studies
	II.b	a controlled non-randomized cohort study
	III.a	systematic reviews of case-control studies
	III. b	a case-control study
C	IV.	case series / case reports
D	V.	expert testimony

Oxford - CEBM



Article types

- Clinical Trial
- Meta-Analysis
- Review
- Systematic Reviews
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- 10 years
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Best matches for e-cigarettes health risk lung cancer:

[Tobacco, e-cigarettes, and child health.](#)

Peterson LA et al. Curr Opin Pediatr. (2017)

[E-cigarettes induce toxicological effects that can raise the cancer risk.](#)

Canistro D et al. Sci Rep. (2017)

[Graphical review: The redox dark side of e-cigarettes; exposure to oxidants and public health concerns.](#)

Cai H et al. Redox Biol. (2017)

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- [Use of electronic cigarettes in the perioperative period: A mixed-method study exploring perceptions of cardiothoracic patients in Australia.](#)
Luxton NA, Shih P, Rahman MA, Adams R, MacKenzie R.
Tob Induc Dis. 2018 Nov 12;16:53. doi: 10.18332/tid/98957. eCollection 2018.
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Balata H, Fong KM, Hendriks LE, Lam S, Ostroff JS, Peled N, Wu N, Aggarwal C.
J Thorac Oncol. 2019 Sep;14(9):1513-1527. doi: 10.1016/j.jtho.2019.06.011. Epub 2019 Jun 19. Review.
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[Use of electronic cigarettes in the perioperative period: A mixed-method study exploring perceptions of cardiothoracic patients in Australia.](#)
1. Luxton NA, Shih P, Rahman MA, Adams R, MacKenzie R.
Tob Induc Dis. 2018 Nov 12;16:53. doi: 10.18332/tid/98957. eCollection 2018.
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[Prevention and Early Detection for NSCLC: Advances in Thoracic Oncology 2018.](#)
2. Balata H, Fong KM, Hendriks LE, Lam S, Ostroff JS, Peled N, Wu N, Aggarwal C.
J Thorac Oncol. 2019 Sep;14(9):1513-1527. doi: 10.1016/j.jtho.2019.06.011. Epub 2019 Jun 19. Review.
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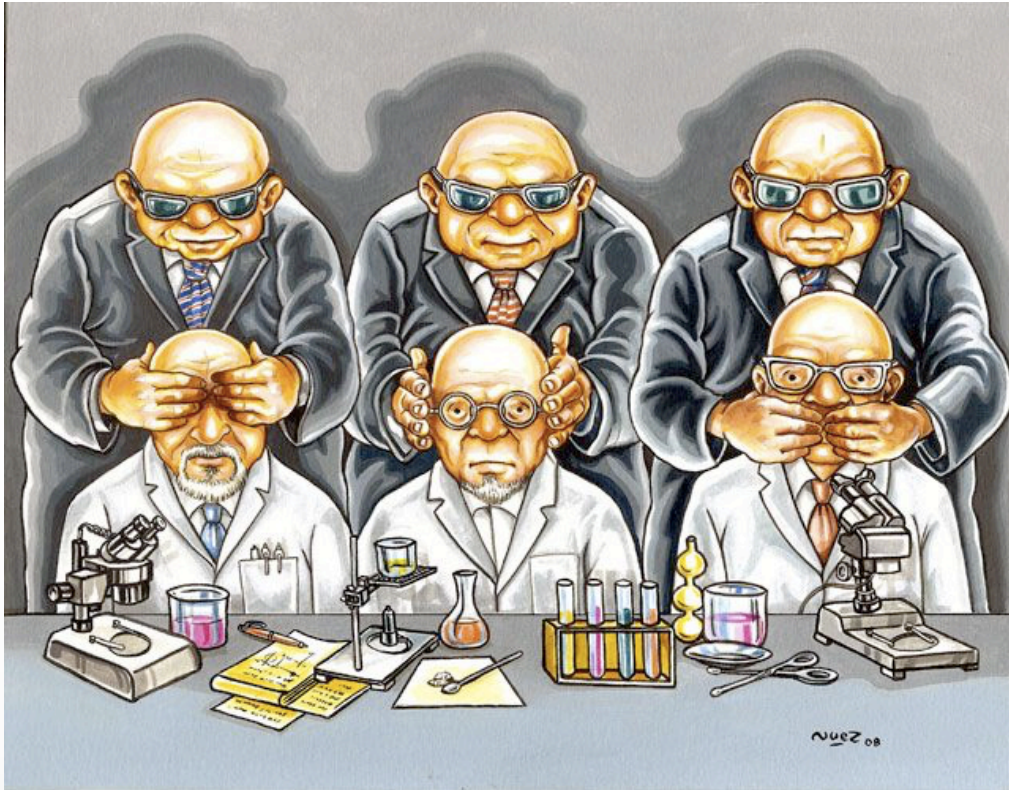
Významné katalogy

- ▶ Národní knihovna
 - ▶ Souborný katalog ČR - nkp.cz
- ▶ Národní technická knihovna - techlib.cz
- ▶ Národní lékařská knihovna - nlk.cz
- ▶ Knihovna Akademie věd ČR - lib.cas.cz
- ▶ portál knihovny.cz





Jak je důležité ověřovat zdroje informací? Proč k tomu využít i knihovnu?!



EARLY REPORT

Early report

Leal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children

A J Wakefield, S H Murch, A Anthony, J Linnell, D M Casson, M Malik, M Berelowitz, A P Dillon, M A Thomson, P Harvey, A Valentine, S E Davies, J A Walker-Smith

Summary
Background We investigated a consecutive series of children with chronic enterocolitis and regressive developmental disorder.

Methods 12 children (mean age 6 years [range 3-10], 11 boys) were referred to a paediatric gastroenterology unit with a history of normal development followed by loss of acquired skills, including language, together with diarrhoea and abdominal pain. Children underwent gastroenterological, neurological, and developmental assessment and review of developmental records, ilioocolonoscopy and biopsy sampling, magnetic-resonance imaging (MRI), electroencephalography (EEG), and lumbar puncture were done under sedation. Barium follow-through radiography was done where possible. Biochemical, haematological, and immunological profiles were examined.

Findings Onset of behavioural symptoms was associated by the parents, with measles, mumps, and rubella vaccination in eight of the 12 children, with measles infection in one child, and otitis media in seven. All 12 children had intestinal abnormalities ranging from lymphoid nodular hyperplasia to pseudopyloritis. Histology showed patchy chronic inflammation in 11 children and reactive ileo-lymphoid hyperplasia in seven, but no granulomas. Behavioural disorders included autism (nine), disintegrative disorder (one), and possible postviral or vaccinal encephalitis (two). There were no focal neurological abnormalities and EEG tests were normal. Abnormal laboratory results were significantly raised urinary methylmalonic acid compared with age-matched controls (mean 103), low haemoglobin in four children, and low ferritin in 10 children.

Interpretation The identical associated gastrointestinal disorder and developmental regression in a group of previously healthy children, which was generally associated in time to possible environmental triggers.

Lancet 1998; 351: 637-41
See Commentary page

Inflammatory Bowel Disease Study Group, University Departments of Medicine and Histopathology (A J Wakefield, S H Murch, A Anthony, J Linnell, A P Dillon, S E Davies, M A Thomson, P Harvey, S H Murch, D M Casson, M Malik, M Berelowitz, M A Thomson, J A Walker-Smith), Child and Adolescent Psychiatry (M Berelowitz), Neurology (P Harvey), and Radiology (A Valentine), Royal Free Hospital and School of Medicine, London NW3 2QG, UK

Correspondence to: Dr A J Wakefield

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, diarrhoea, and vomiting and, in some cases, food intolerance. We describe the clinical findings, and gastrointestinal features of these children.

Patients and methods
12 children, consecutively referred to the department of paediatric gastroenterology with a history of a pervasive developmental disorder, with behavioural and inattentive symptoms, including abdominal pain, bloating and food intolerance, were investigated. All children were admitted to the ward for work, accompanied by their parents.

Clinical investigations
A detailed history, including details of immunisations and exposure to infectious diseases, and assessed the children. In 11 cases, the history was obtained by the senior clinician (JW-S). Neurological and psychiatric assessments were done by consultant staff (PH, MB) with HEMS-4 criteria.¹ Developmental records included a review of prospective developmental records from parents, health visitors, and general practitioners. Four children did not undergo psychiatric assessment in hospital; all had been assessed professionally elsewhere, so these assessments were used as the basis for their behavioural diagnosis.

After bowel preparation, ileocolonoscopy was performed by SHM or MAT under sedation with midazolam and pethidine. Paired frozen and formalin-fixed mucosal biopsy samples were taken from the terminal ileum, ascending, transverse, descending, and sigmoid colons, 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 on 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, cerebral 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 neurodegenerative disease. Urinary methylmalonic acid was measured in random urine samples from eight of the 12 children and 14 age-matched and sex-matched normal controls, by a modification of a technique described previously.² Chromatograms were scanned digitally on computers, to analyse the methylmalonic-acid zones from cases and controls. Urinary methylmalonic-acid concentrations in patients and controls were compared by a two-sample *t* test. Urinary creatinine was estimated by routine spectrophotometric assay.

Children were screened for antiendomyxial antibodies and boys were screened for fragile-X if this had not been done

THE LANCET • Vol 351 • February 28, 1998 637

Ukázka vývoje hodnoty vědeckého článku špatným směrem:

[http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(97\)11096-0/abstract](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(97)11096-0/abstract)

<https://www.quora.com/Who-is-the-most-corrupt-and-crooked-scientist-ever-known>



Děkuji za pozornost