

# NHS-HE Connectivity Best Practice Working Group

Andrew Howe & Natalie Lafferty  
College of Medicine, Dentistry, Nursing & Midwifery



# THE TIMES THEY ARE A-CHANGIN' BOB DYLAN

THE LONESOME DEATH OF MATTHEW CARROLL  
BOOTS OF SPANISH LEATHER  
RESTLESS FAREWELL / WITH GOD ON OUR SIDE  
THE TIMES THEY ARE A-CHANGIN'  
ONLY A PAIN IN THEIR GAME  
WHEN THE LEAF COMES IN / ONE FOR MANY MORNINGS  
BALLAD OF HOLLIS BROWN / NORTH COUNTRY BLUES





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## WHAT'S NEW IN MEDICINE

Subclavian catheter placement: what can go wrong?

An analysis of failed subclavian catheter placement attempts by residents identified 6 common errors in technique.

Central Venous Access, Subclavian Vein, Subclavian Approach, Clinical Procedures

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- Endocrinology
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- Genomic Medicine
- Hematology
- Infectious Diseases
- Nephrology
- Neurology
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- Oncology
- Pathology
- Perioperative Care
- Physical Medicine and Rehabilitation
- Psychiatry
- Pulmonology
- Radiology
- Rheumatology
- Sports Medicine

### Surgery

- Clinical Procedures
- General Surgery
- Neurosurgery
- Ophthalmology
- Orthopedic Surgery
- Otolaryngology and Facial Plastic Surgery
- Plastic Surgery
- Thoracic Surgery
- Transplantation
- Trauma
- Urology
- Vascular Surgery

### Pediatrics

## MEDSCAPE NEWS

Senate Clears Way for Vote on Delaying Medicare Pay Cut

Alcohol Intake Linked With Increased Risk for Benign Breast Disease in Teen Girls

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Management of Male Urethritis Reviewed

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Universities  
Albert Einstein College of Medicine  
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**Postgraduate Training**  
Thomas Jefferson University Hospital  
1993 to 1999  
Obstetrics and Gynecology, Residency

**Certifications**  
American Board On Obstetrics and Gynecology  
2001  
Board Certified, 2001

**Members**  
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**Editor of the Week**



Jonathan Williams MD, MMSc

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Alzheimer's Disease  
International

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University of California San  
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**Article of the Week**



Pleurisy

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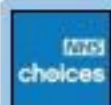


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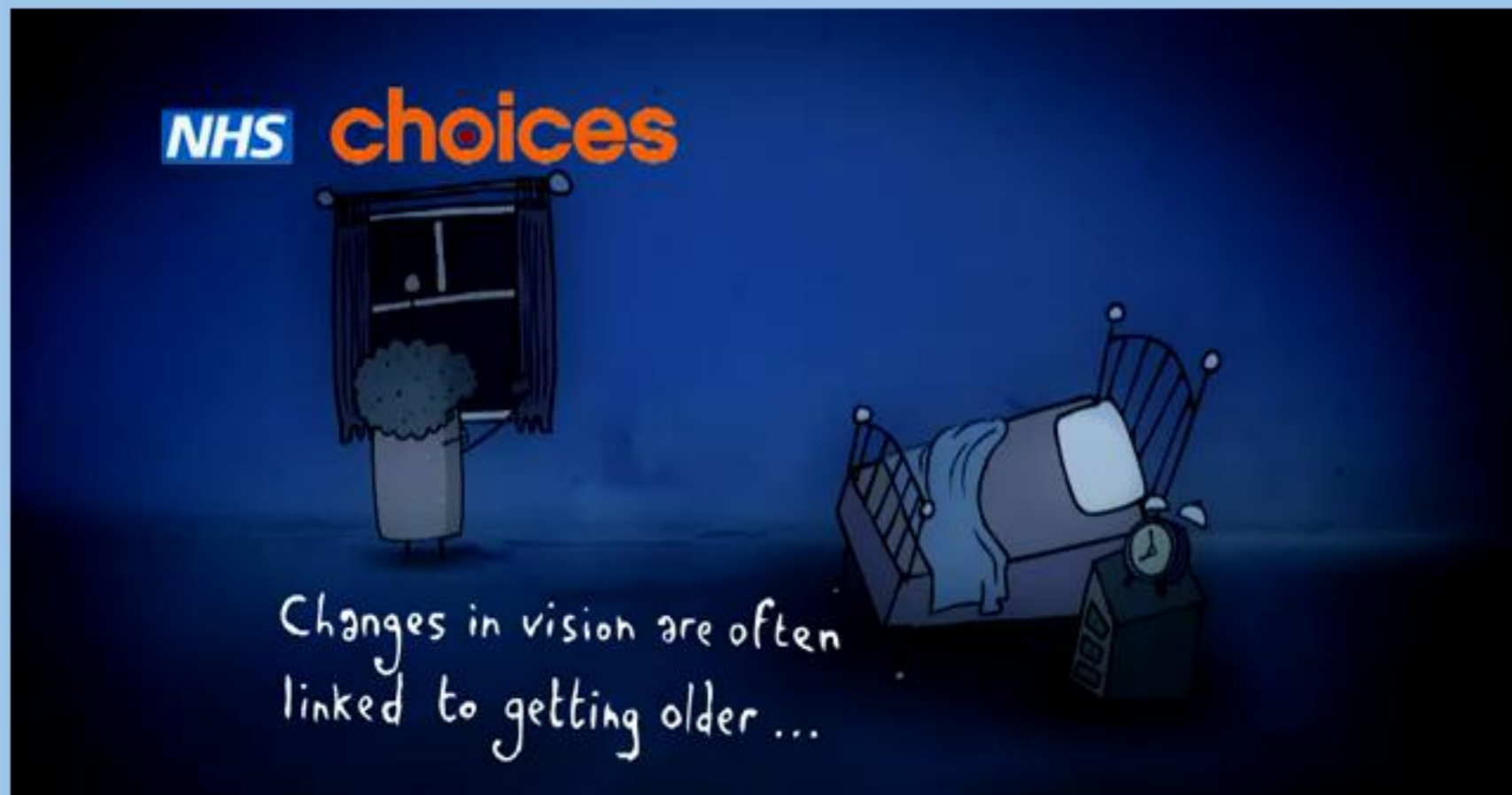
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3. [See Something Say Something: Kelly's Story](#)

Ever wondered how to take the perfect Blood Culture? Never fear, Prof Koch is here to help. Co-developed with staff from Barts & The London Hospital infection control team.

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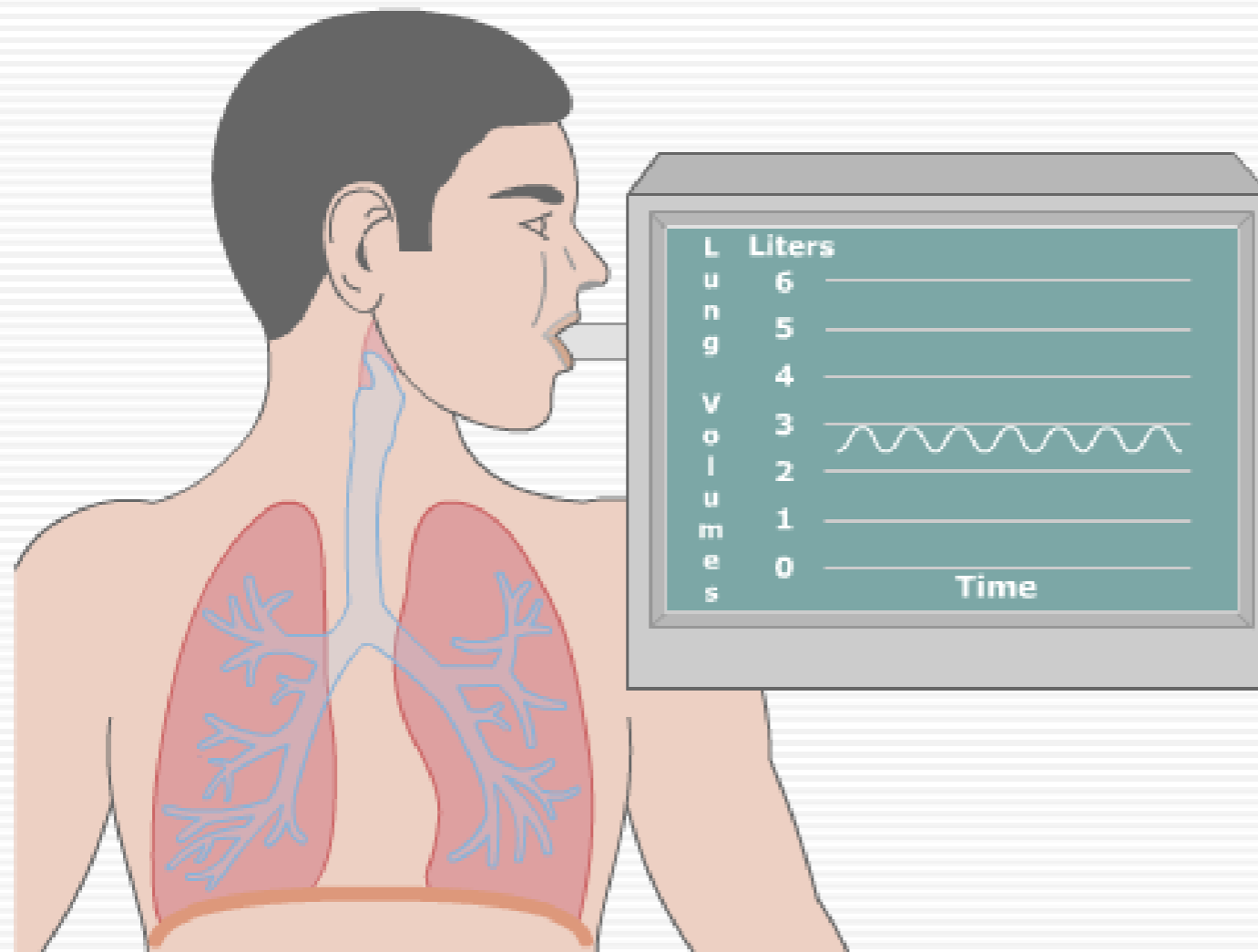


### TUTORIAL:

The study of pulmonary ventilation is called **spirometry**.

To **measure** the rate and volume of airflow, an individual breathes into a device called a **spirometer**. Air blown in and out of the spirometer causes the scan to move up and down from a horizontal baseline. **Inhalation** causes an upward deflection and **exhalation** causes a downward deflection. The recording produced is referred to as a **spirogram**.

**Measurements of forced breathing** can provide useful information about the health of the respiratory airways and lungs. A reduced rate of airflow indicates a blockage in one or more of



# Interactive tutorials

# A NEW KIND OF GP

SATURDAY, 12 JUNE 2010

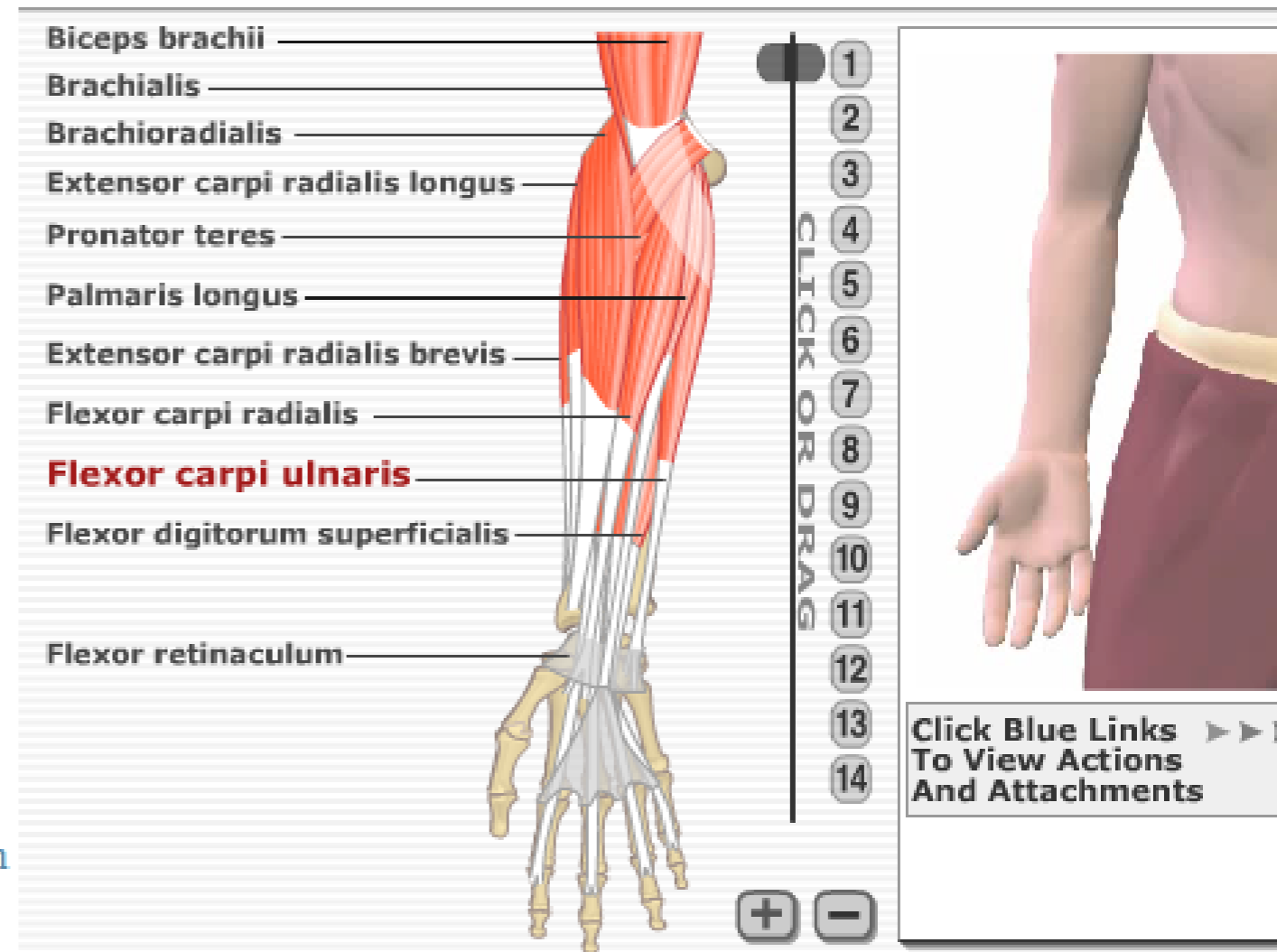
## The wonders of Google....

Jason is 23, an electrician. It was a hot day, and he arrived in my consulting room, apologising for being in his work clothes. This included a vest which showed off his very fine physique, suggesting hours of work in the gym.

He clearly needed to be seen by an orthopaedic surgeon, so I set about getting a letter done for him. But I needed to refresh my knowledge of the anatomy of the forearm. I am a locum GP and work in lots of different surgeries so I do not have a bookshelf of textbooks that I can delve into for information. Google came to the rescue.

I typed in "wrist flexors" and narrowed down my identification of the tendon affected as flexor carpi ulnaris. I clicked on google images and came up with [several diagrammatic representations of this muscle](#). Another couple of clicks and I found a great website, [getbodysmart.com](http://getbodysmart.com) which provided a detailed diagram of this particular muscle together with a button to click on to show how it moves the hand/wrist - movements which my patient had lost.

My patient was suitably impressed by the visual explanation and I felt



# Students & patients



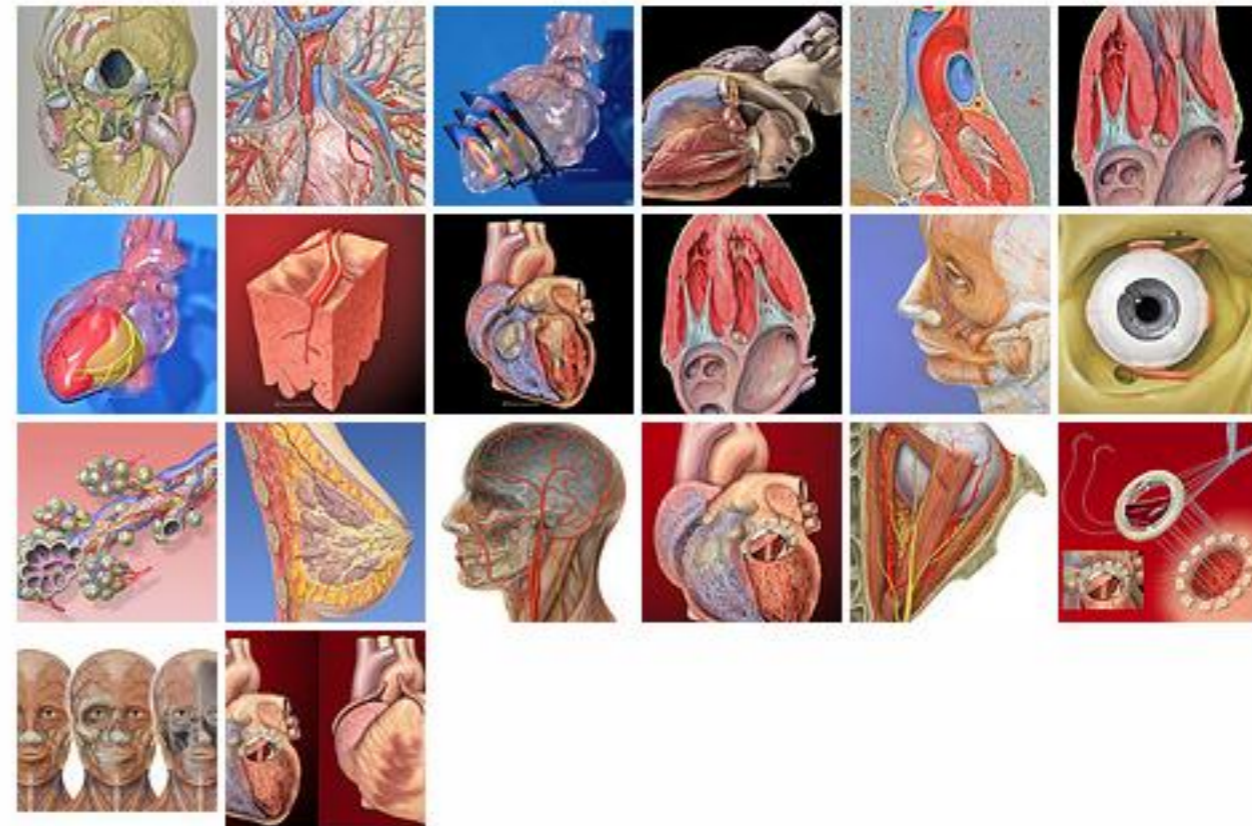
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## Medical illustrations

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20 photos | 3,870 views

items are from 07 Apr 2007.

# Images

BUT

NO ACCESS

to many of these sites  
on NHS PCs



Please click on the 'MBChB Intake 2007-08 (Year 4)' link above to return to homepage.

<p><b>Useful Clinical Links</b></p> <p>The section below contains useful online clinical links. Email <a href="mailto:a.y.gray@dundee.ac.uk">a.y.gray@dundee.ac.uk</a> if you have a recommended link you want here.</p> <p><a href="#">Tayside Prescribing Guide</a></p>	<p><b>Child Health Attachment</b></p> <p><a href="#">Block Contacts</a></p> <p>Child Health Induction Resource <b>NEW!</b> please note headphones required</p> <p><a href="#">Study Guide</a></p> <p><a href="#">Teaching Contacts</a></p> <p><a href="#">Teaching Resources</a></p> <p><a href="#">Ninewells Resources</a></p> <p><a href="#">Fife Resources</a></p> <p><a href="#">Child Health Assessment</a></p>	<p><b>Psychiatry Attachment</b></p> <p><a href="#">Block Contacts</a></p> <p><a href="#">Study Guide</a></p> <p><a href="#">Psychiatry Dept Website</a></p> <p><a href="#">Psychiatry Tutorials</a></p> <p><a href="#">Psychiatry Resources</a></p> <p><a href="#">ECT Video</a></p>
<p><b>Year 4 General Information &amp; Forms</b></p> <p>This folders below contain general 4th year information and forms including:</p> <p><a href="#">Year 4 Handbook</a></p> <p><a href="#">Good Referencing Guide (Vancouver)</a></p> <p><a href="#">Academic Calendar</a></p> <p><a href="#">Phase 3 Contacts</a></p> <p><a href="#">Notification of Absence Form</a> <a href="#">Request for Leave of Absence Form</a></p> <p><a href="#">Good Medical Practice (elating the curriculum outcomes to the GMC Good Medical Practice 'Duties and responsibilities of Doctors')</a></p> <p><a href="#">List of Dundee Core Clinical Problems</a></p> <p><a href="#">Block Outcome Assessment Form/ Remedial Work Form and Instructions</a></p> <p><a href="#">Scottish Medical Careers Handbook (thc)</a></p>	<p><b>General Practice Attachment</b></p> <p><a href="#">DundeeGP website</a></p> <p><a href="#">Block 1 Allocations</a></p>	<p><b>Surgery 1 Attachment</b></p> <p><a href="#">Block Contacts</a></p> <p><a href="#">Study Guide</a></p> <p><a href="#">Fife Resources</a></p> <p><a href="#">Ninewells - Ophthalmology</a></p> <p><a href="#">Ninewells - Otolaryngology (ENT) <b>UPDATED</b></a></p> <p><a href="#">Ninewells - Urology (no resources)</a></p>
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# Medical School VLE





# Problems with IE6



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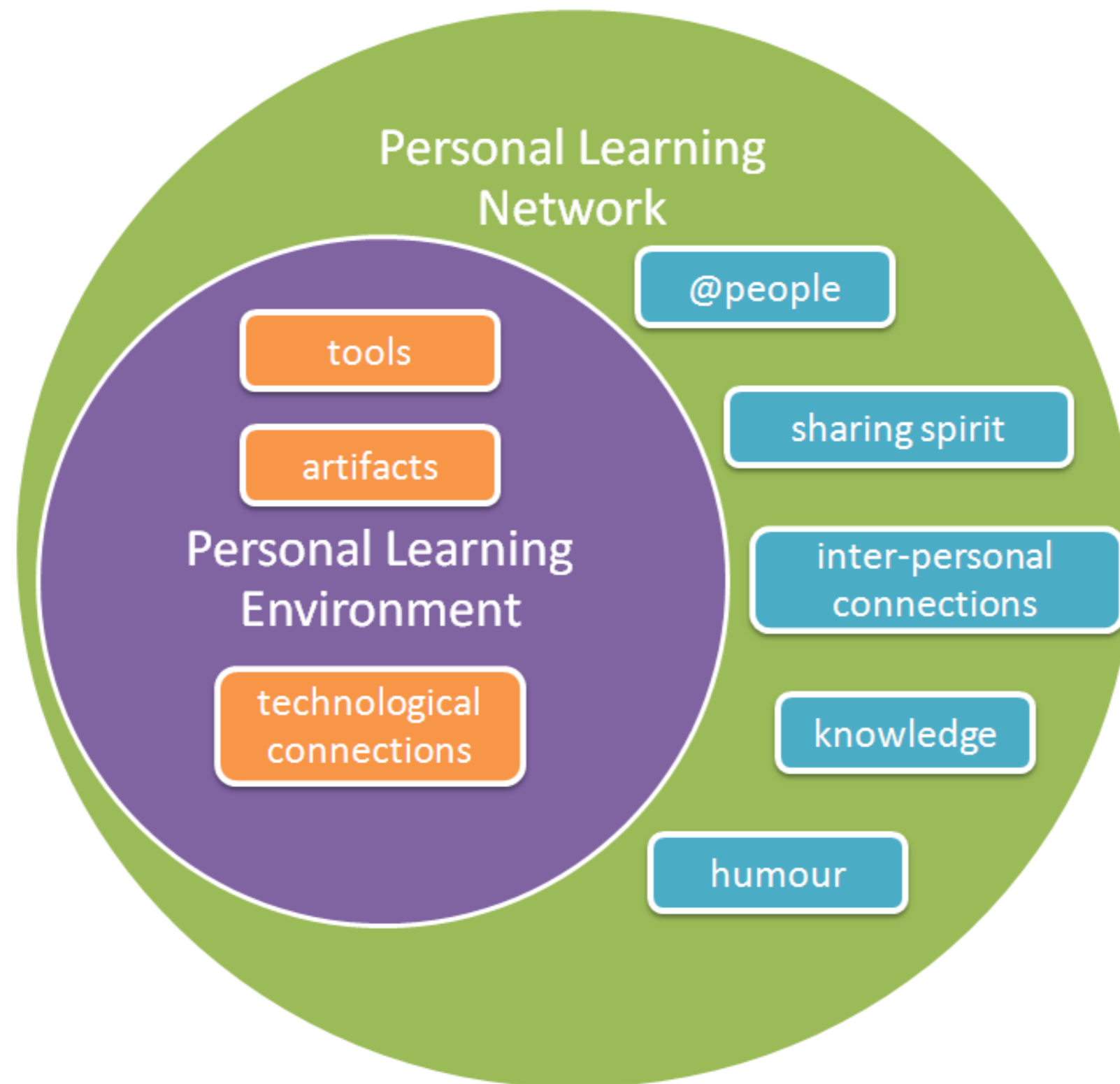
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**Increasing use of free  
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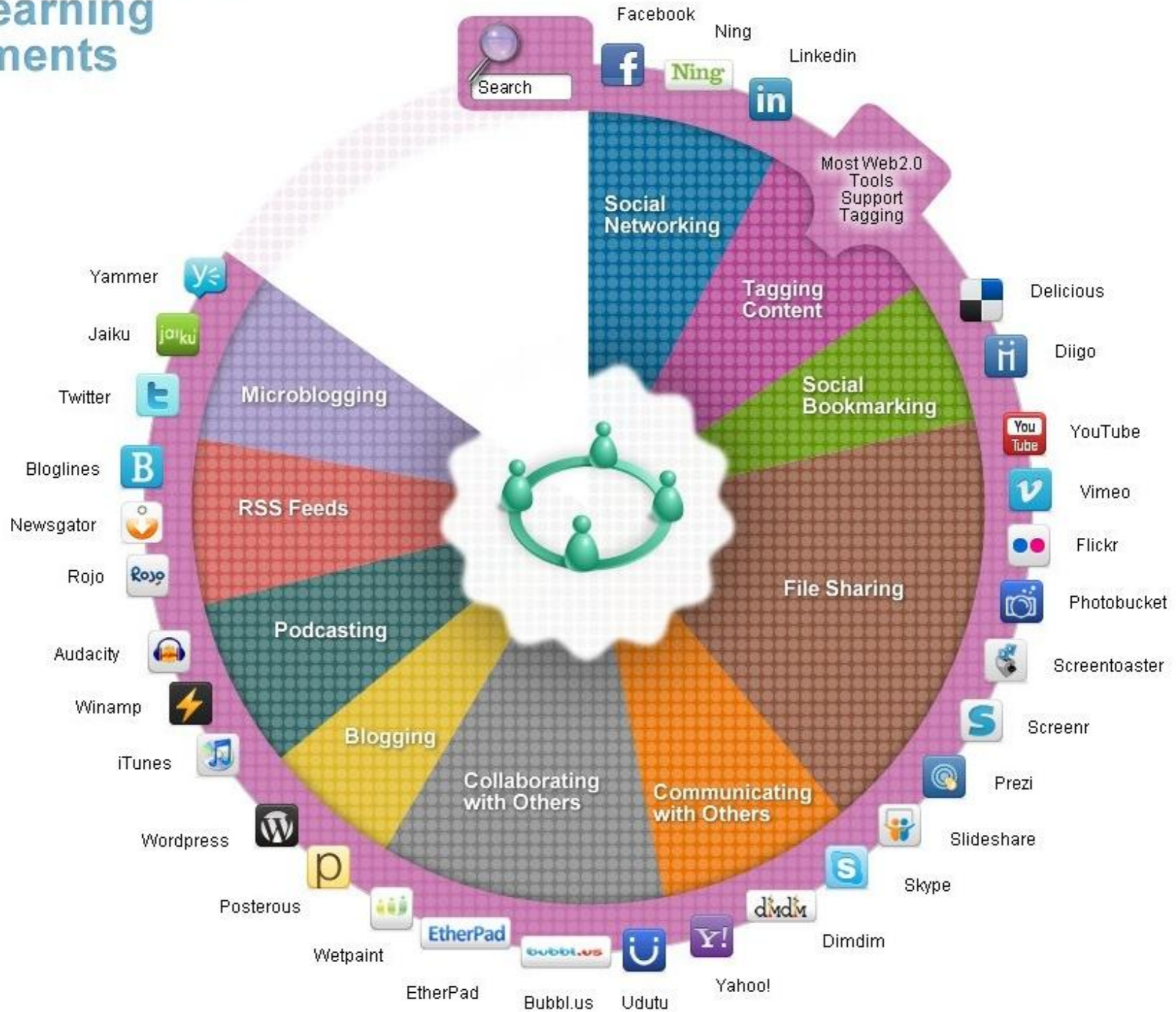


Joyce Seitzinger /catspyjamasnz 19-12-2008

# Personalising learning



# Elements for Constructing Social Learning Environments



# Qualitative Health Research

*An International, Interdisciplinary Journal*  
Janice M. Morse, editor

Volume 19 Number 3 March 2009

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# Research tools



**BUT ... Many of these sites  
blocked by NHS IT departments**



## Welsh health board blocks social networking

An NHS body in Wales has blocked most staff from interacting with services including blogs, Twitter and Flickr

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GC News

Smart Healthcare, Thursday 4 November 2010 13.01 GMT

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Abertawe Bro Morgannwg University Health Board is blocking its 10,000 computer users from uploading material to social networking services by default. It allows general exceptions for the communications and IT departments, and specific exceptions for clinical staff who use such services for research.

The specific exceptions can be detailed, he said, with a member of staff or a group being granted access to a specific section of Flickr, but not the rest of the site.



NHS Staff are looking for the green light

...

for permission to access & use social media sites for teaching and research purposes ...

for patient information ...

to collaborate & share ...

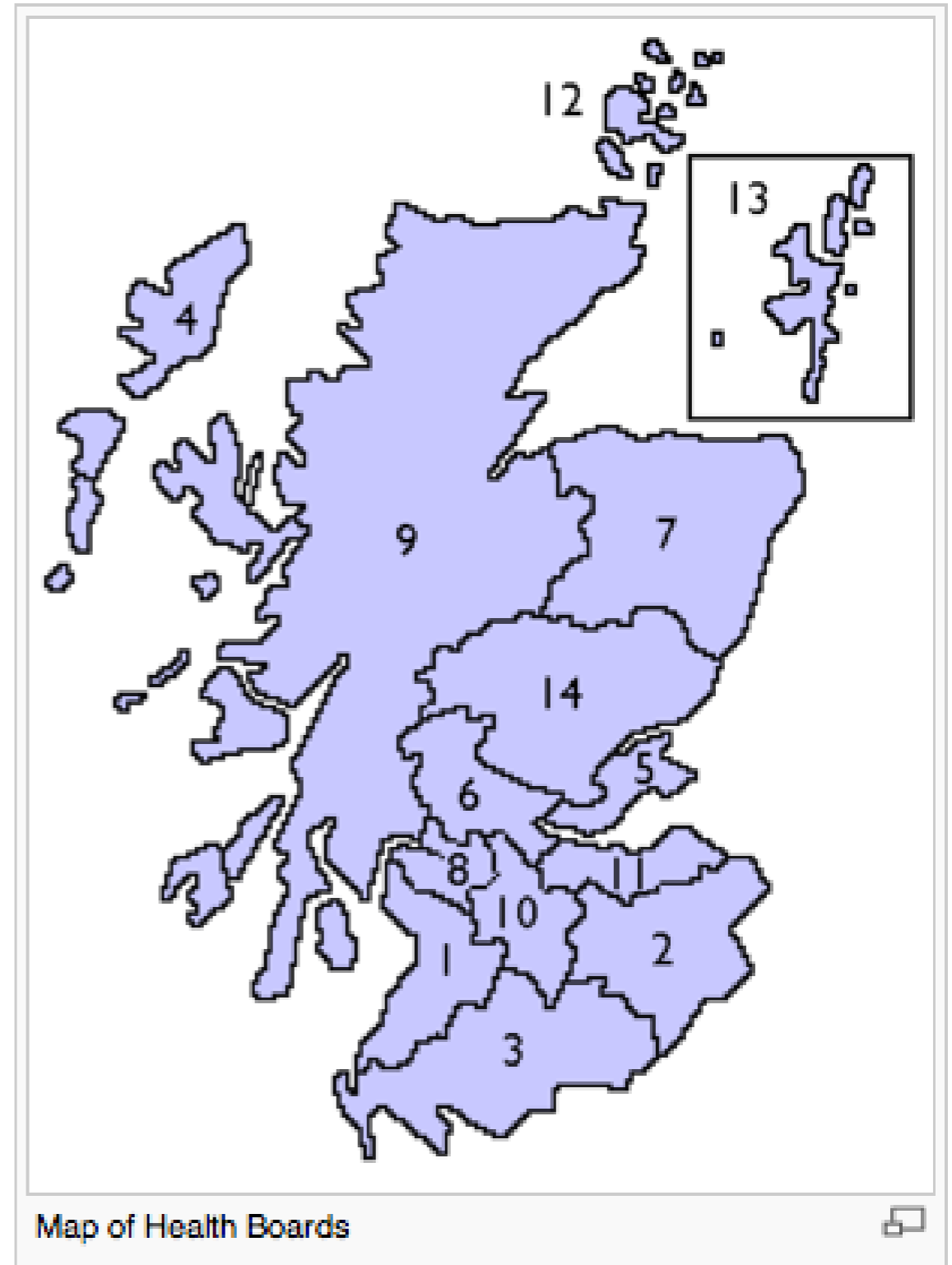




# Other Problems

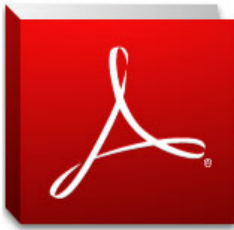


## NHS Scotland Health Boards



University of Dundee GP Placements

Source: [http://en.wikipedia.org/wiki/NHS\\_Scotland](http://en.wikipedia.org/wiki/NHS_Scotland)





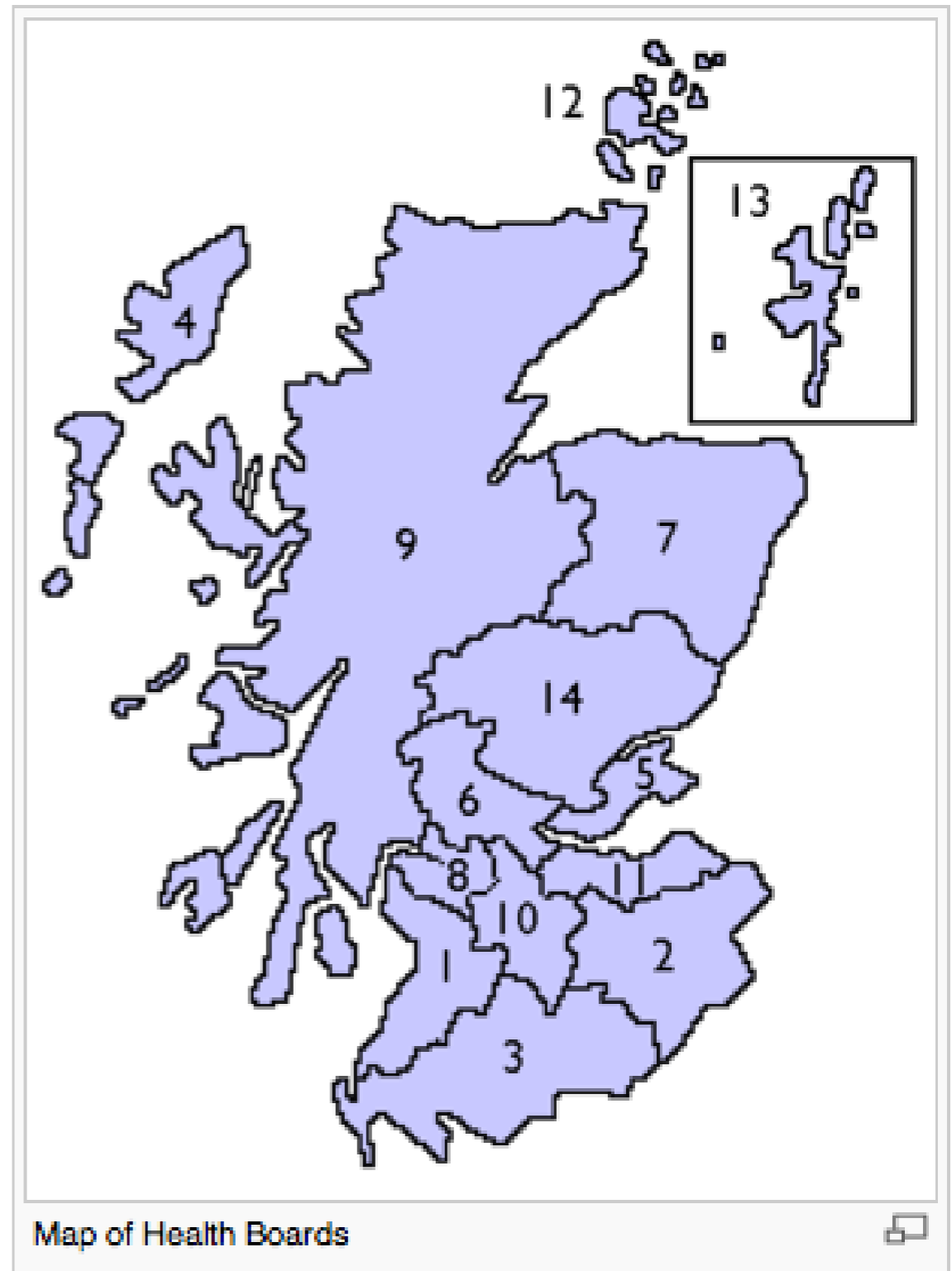
A close-up photograph of a chain-link fence in the foreground, with a blurred background of city lights at night. The fence is made of dark metal and is in sharp focus. The background shows a cityscape with various lights, including a prominent row of warm white lights and some blue lights, all out of focus.

Getting over the problems locally

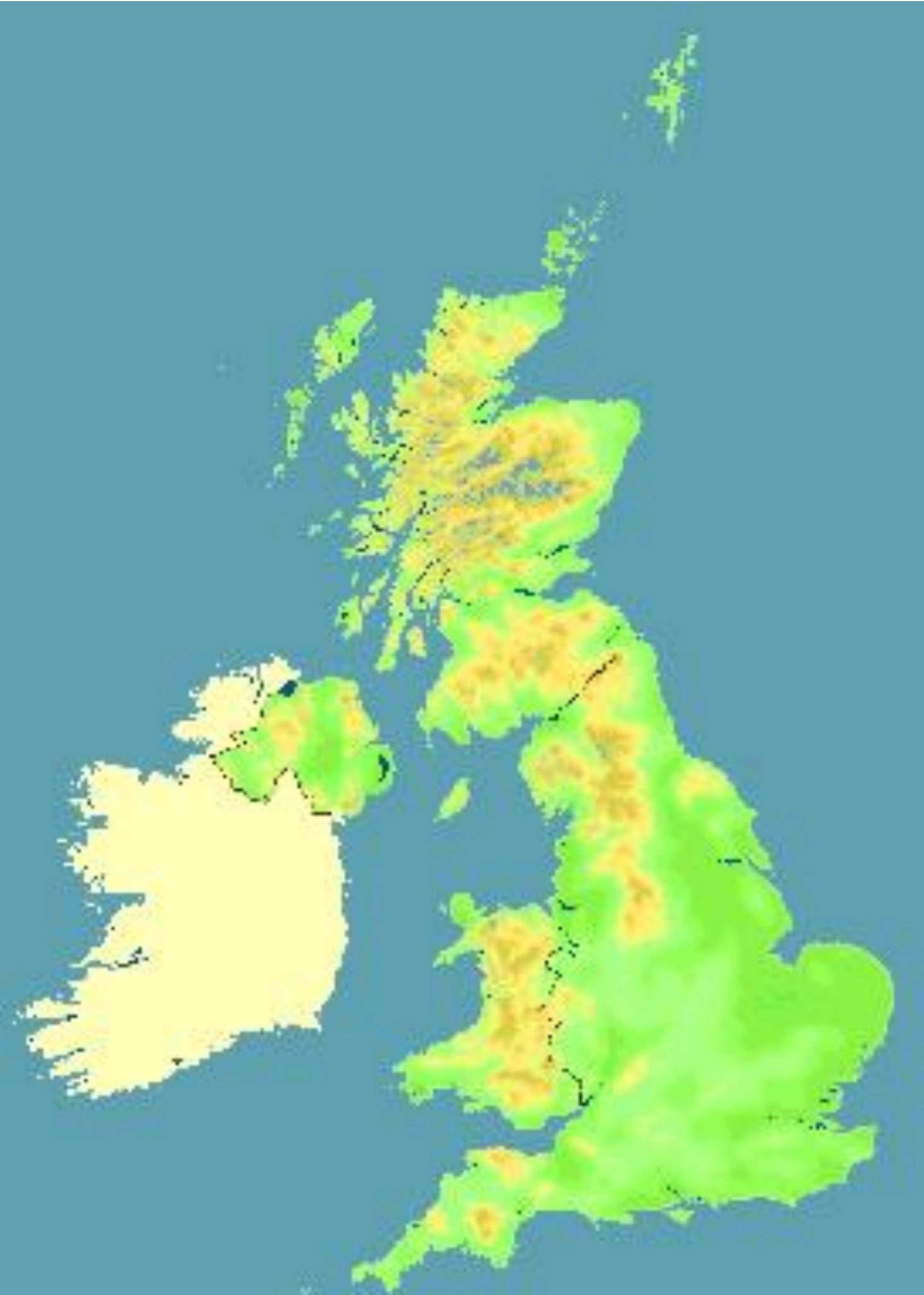
BUT

## NHS Scotland Health Boards

No	Name
1	NHS Ayrshire and Arran
2	NHS Borders
3	NHS Dumfries and Galloway
4	NHS Western Isles (Gaelic: <i>Bòrd SSN nan Eilean Siar</i> )
5	NHS Fife
6	NHS Forth Valley
7	NHS Grampian
8	NHS Greater Glasgow and Clyde
9	NHS Highland
10	NHS Lanarkshire
11	NHS Lothian
12	NHS Orkney
13	NHS Shetland
14	NHS Tayside







Can we find  
a national  
solution?



A photograph of a network patch panel. The panel is light-colored, possibly white or light blue. It features a central vertical slot where a bundle of cables is organized. On either side of this central slot, there are two rows of ports. Each port is connected to a thick, black, braided shielded cable. The cables are bundled together and curve downwards. The connectors are dark grey or black with a gold-colored ring. The overall appearance is clean and professional, representing a best practice in network connectivity.

NHS-HE Forum  
Connectivity best practice  
working group

<http://www.flickr.com/photos/wongjunhao/2761709029/>