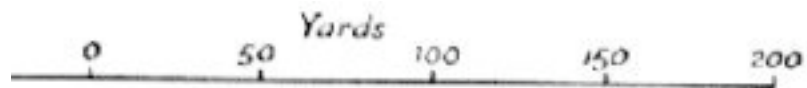


The future is not a destination like the source of the Thames, waiting for our arrival; it is something like the Regent's Park and Street that we have to imagine, plan and build

The future is here; it is just not
evenly distributed

William Gibson

Welcome to the
Third Healthcare
Revolution



X Pump • Deaths from cholera



Doctors' views: greatest innovations of the second healthcare revolution

- MRI and CT scanning
- ACE inhibitors
- Balloon angioplasty
- Statins
- Mammography
- Coronary artery bypass graft surgery
- Proton pump inhibitors and H2 blockers
- SSRIs and recent non-SSRI antidepressants
- Cataract extraction and lens implants
- Hip and knee replacement
- Ultrasonography
- Gastrointestinal endoscopy
- Inhaled steroids for asthma
- Laparoscopic surgery
- Non steroidal anti-inflammatory drugs
- Cardiac enzymes
- IVF

The Magnificent 9; the eternal, ubiquitous problems of healthcare remain

- Errors and mistakes
- Poor quality healthcare
- Waste
- Unknowing variations in policy and practice
- Poor patient experience
- Overenthusiastic adoption of interventions of low value
- Failure to get new evidence into practice
- Failure to manage uncertainty
- Failure to close the inequality gap

ECONOMY, SOCIETY AND CULTURE

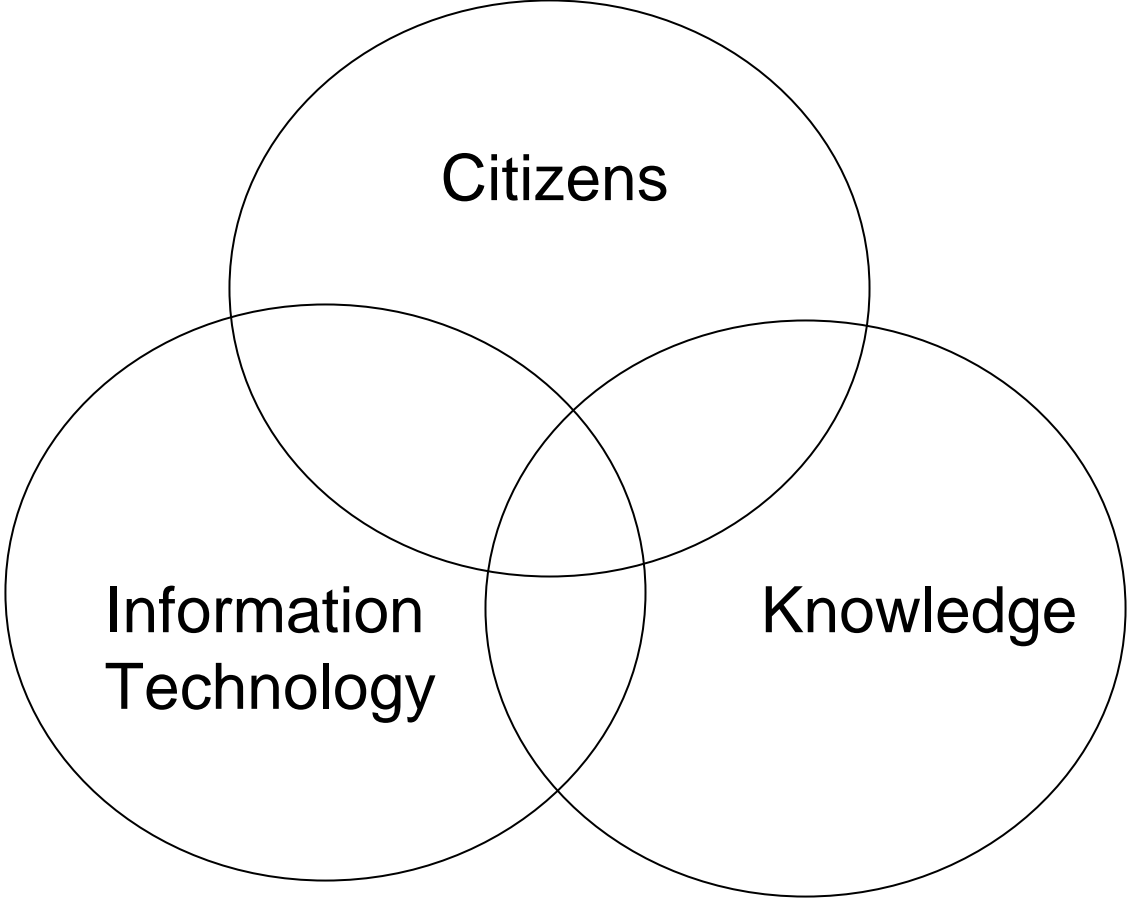
Volume I

THE RISE OF THE
NETWORK

SOCIETY

Second Edition

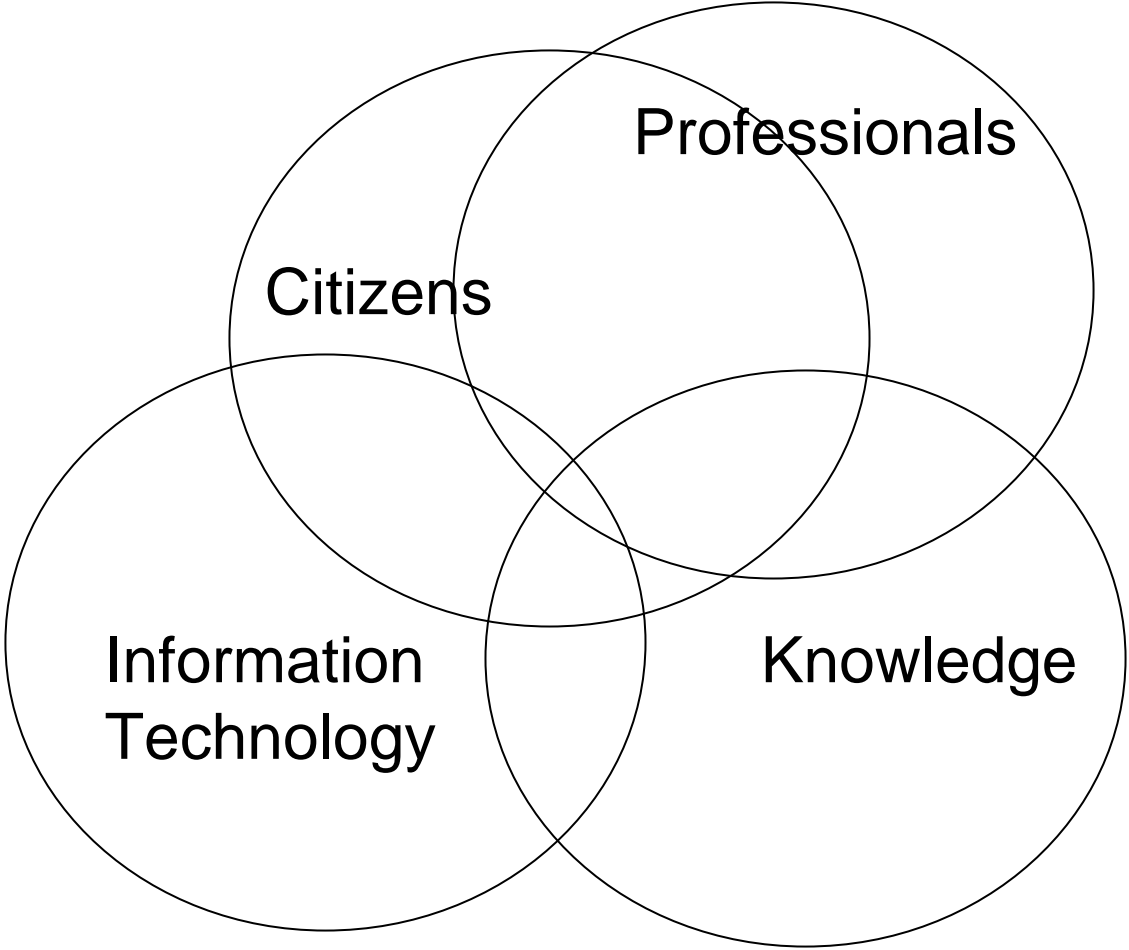




Citizens

**Information
Technology**

Knowledge



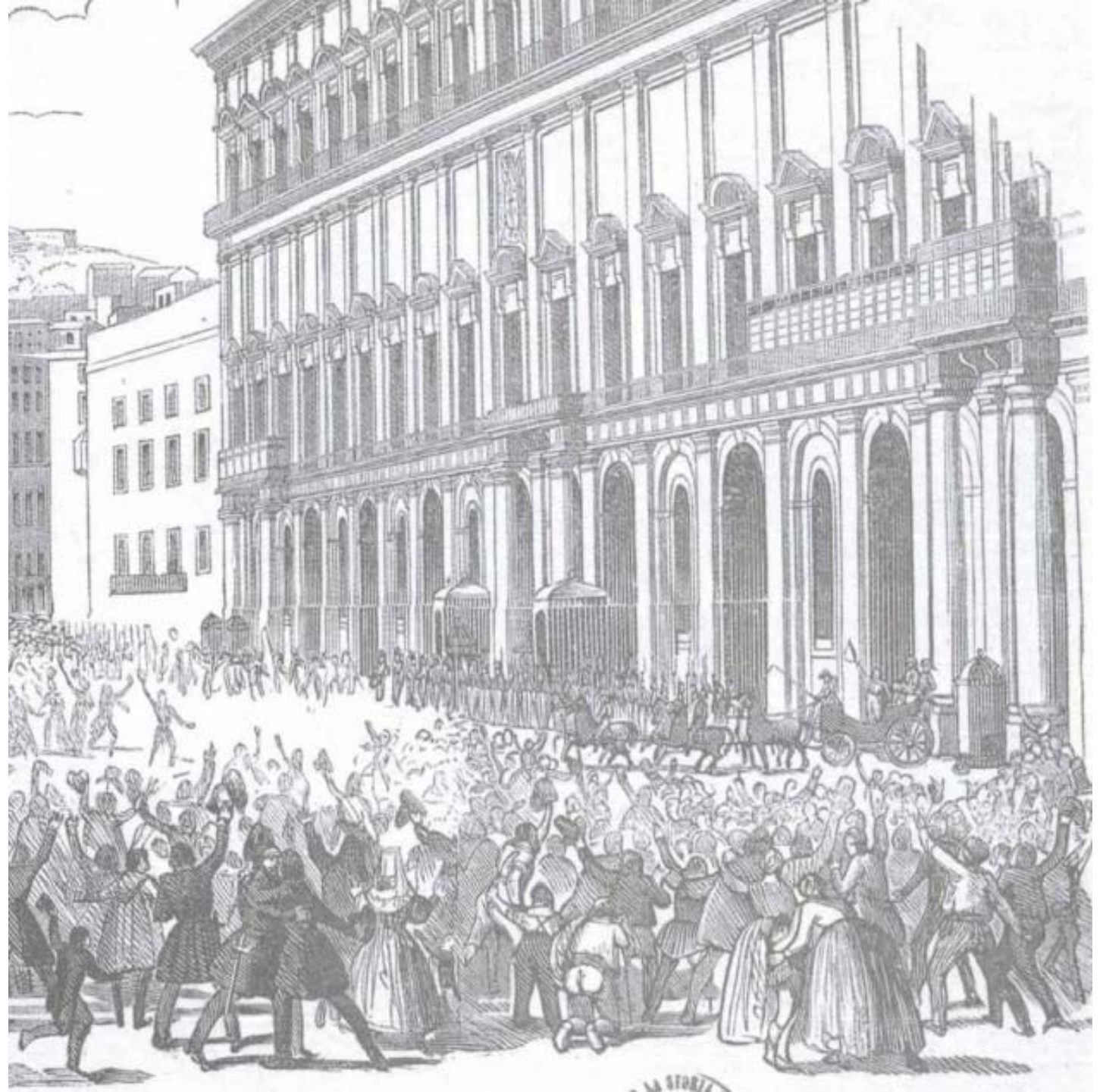
DEATH

PROFESSIONS, STATES, AND

OF THE

THE ADVANCE OF CAPITALISM,

GUILDS







iWANTGREATCARE.org



Choose the very best doctor for you and your family

Search for great care

for:

near:

or in:

Read reviews of a doctor

doctor:

or in:

Help others
get **great** care



Rate & Review
Your Doctor

Great care for...

- Emergency Medicine
Dr Julian Redhead 100%
- General Practice
Mrs Sharon Mullan 100%
- Cardiology
Dr Howard Why 100%

What does great care mean to you?

- Best Listening doctors
Dr Paul Wilkinson 100%
- Dr Anne Whaley 100%
- Most trusted doctors
Dr Ian Wilson 100%
- Dr Anne Whaley 100%

Today's great Care
"Very understanding of the
specific implications ..."

...Not so great
"This doctor is abrupt,
stopping just short of ..."

Knowledge

3 types of generalisable knowledge

Knowledge from research - Evidence

Knowledge from measurement of healthcare performance - Statistics

Knowledge from experience - Of patients and clinicians

2 types of particular knowledge

Knowledge about this patient

Knowledge about this service

Knowledge is the enemy of disease -
the application of what we know will
have a bigger impact than any drug
or technology likely to be introduced
in the next decade



Research

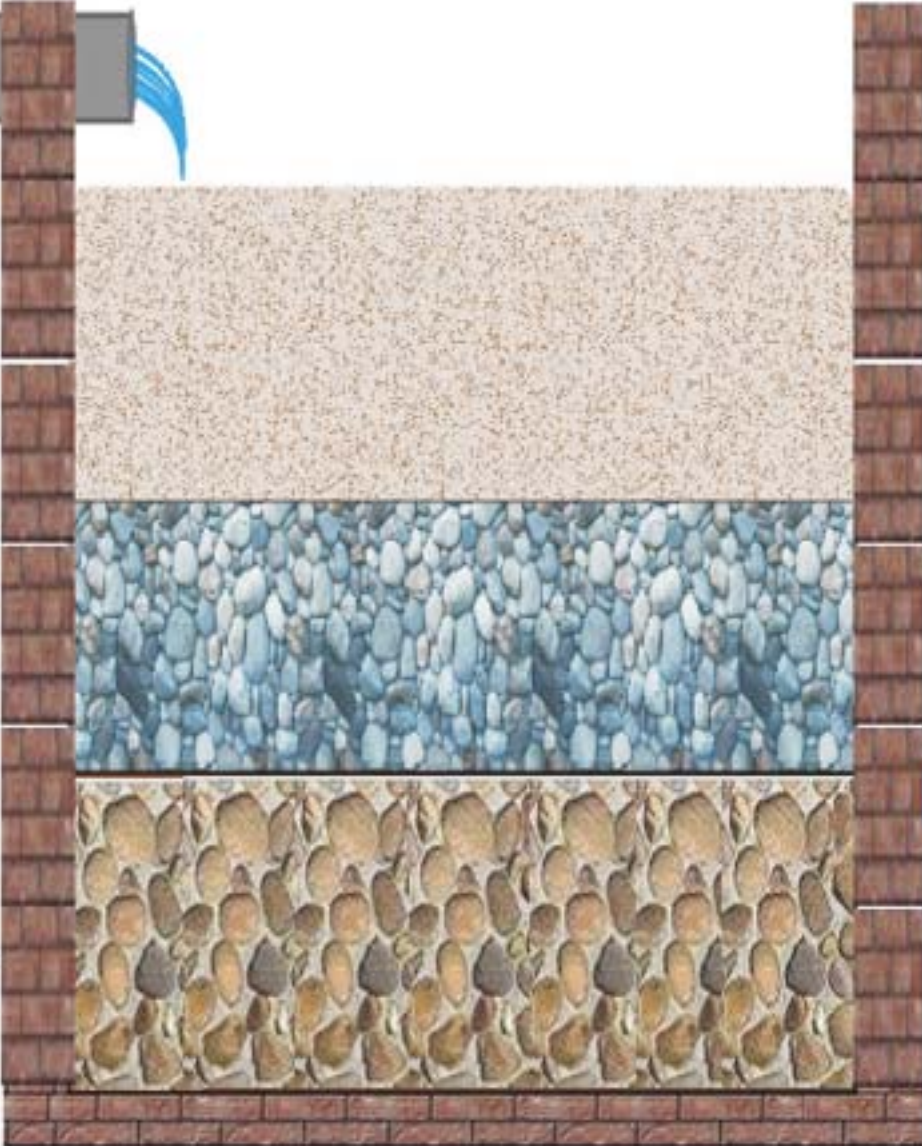
Rainwater In →

Reports

Sand →

Aggrigates →

Pebbles →



NICE
Guidance
Filtered Rainwater Out

The Hodder and Thirlmere Aqueduct Access Gates

Compiled & Researched by the Nutters Mobile Surveillance Unit

[bridge crossings](#) | [other crossings](#)

Thickholme Bridge OS Grid ref : NY 40774 01570 near Troutbeck, Cumbria

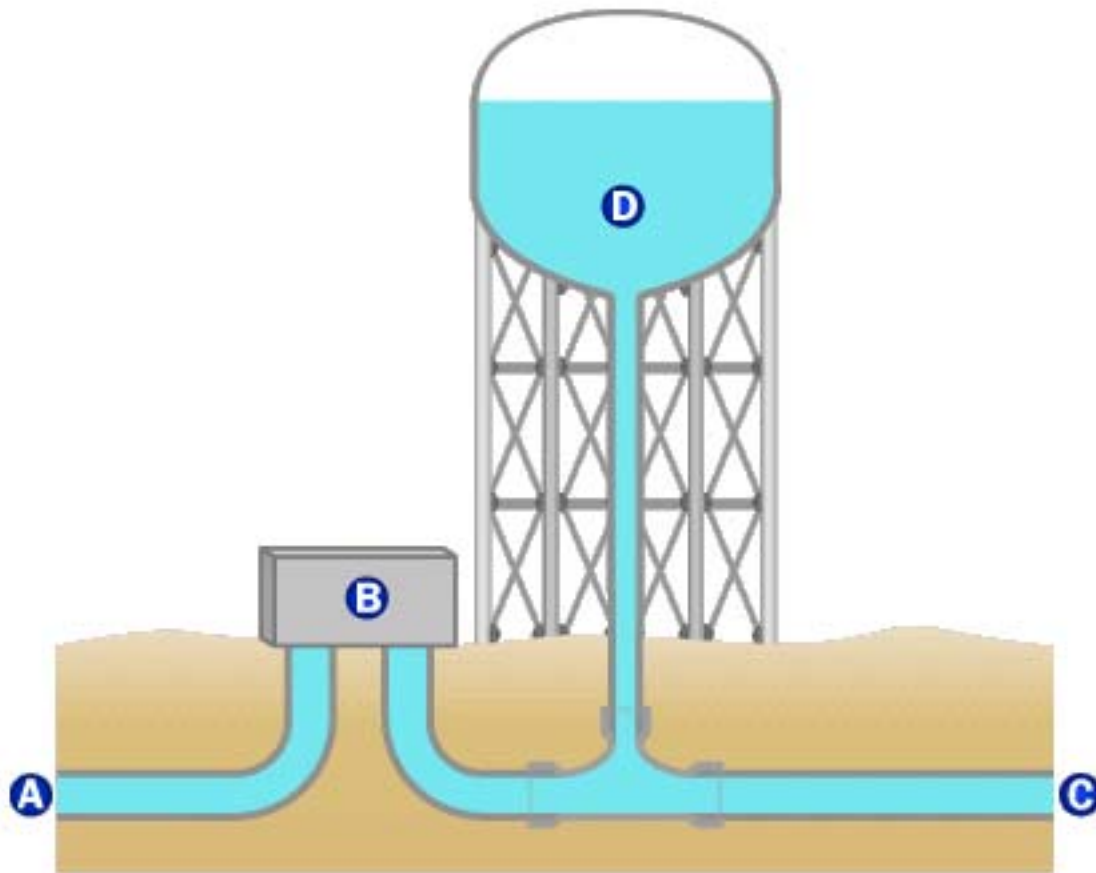
We think the original cast iron pipes have been replaced as these are welded

This crossing point gets a mention in Harwoods book " History & Description Of The Thirlmere Water Scheme" .

In 1893 - Aug 9th The last section was completed at Thickholme, Troutbeck Valley after 3 years. Initially the pipes but the workings were washed away, then a stone viaduct was built which had to be abandoned







© 2000 How Stuff Works

A From the
treatment plant

B Pump

C To primary
feeders and customers

D Water

Technology

MEDIEVAL TECHNOLOGY & SOCIAL CHANGE



Muir Gray has familial hypercholesterolaemia

Every six months he receives an email reminder
from the lab to have a blood test

He receives 2 SMS reminders if no blood sample
is received within 2 weeks

If no blood arrives is received his GP receives a
copy email

If there is a result appropriate advice and support
is automatically generated and emailed to Muir
who lives in Oxford OX2 8JQ

The Oxford Lab Service

Muir Gray 21/06/1944

NHS number 400 186 6897

Cholesterol 5.3

This cholesterol level is unchanged ; there is no need to increase statins. The first step is to increase the amount of walking; try to walk an extra 3,000 steps every day(30 minutes walking the brisker the better) have you considered buying a dog?

To find a big dog for sale near you click [here](#)

For access to full text of guidance, with supporting evidence, click [here](#)

To test your knowledge in one minute click [here](#)

NB THIS TEST AS LAST DONE ONLY 12 MONTHS AGO; THERE IS NO NEED TO RETEST MORE THAN ONCE EVERY THREE YEARS. THE LAB WILL NOT PROCESS A SAMPLE UNTIL 3 YEARS HAS ELAPSED

Tesco Greener Living Site

Green Living at Work, Home & School Hints, Tips, Experts, Forums &

www.tesco.com/greenerliving

[Ads by Google](#) - [Advertise on this site](#)

Lab X Rottle Puppy For Sale - in Abingdon, Oxfordshire



Eukanuba 

FREE EUKANUBA PUPPY CARE PACK AND FOOD

Do you have a puppy under 1 years old? Then [click here](#) to order your free puppy care pack from Eukanuba.

Advert last amended on 08/21/2007 09:11:41 AM


[< Back](#)

Read Buying Advice*



Name : **Molly**
Date of Birth : **08/05/2007**
Colour : **All Black**
Gender : **Female**
Price : **£150.00**

Contact Details

 **01235527349**

 [Click to Send Email](#)

 [New Interactive Map](#)

The Citizen 2013

www.nhs.uk

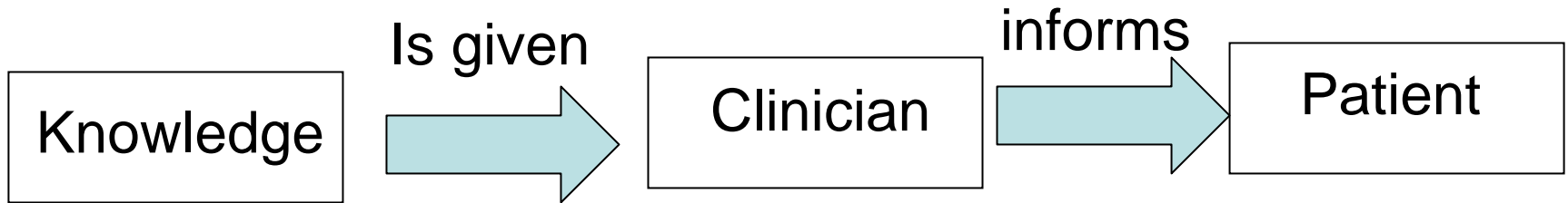
“Bramwell, West and Salmon (2006) found only 1 out of 21 being able to estimate the probability of an unborn actually having Down’s syndrome given a positive test result”

Bramwell R et al (2006)

Health professionals and service users interpretation of screening test results

BMJ 333;284-286

20th Century knowledge flow



21st Century knowledge flow



5.3.1 Information provision: treatment

Before the centre provides treatment to any woman, the centre should give the woman who is to receive treatment and her partner, if applicable, information about:

- a. the centre's policy on selecting patients; and
- b. the expected waiting time for treatment and the possible disruption of the individual's domestic, personal and/or professional life which may be caused by treatment; and
- c. the centre's statutory duty to take account of the welfare of any resulting or affected child; and
- d. other fertility treatments available, including those for which a licence is not required; and
- e. possible variations, outcomes and limitations of the proposed treatment (data provided in all relevant patient resources should include the centre's own most recent live birth rate per treatment cycle as verified by the HFEA, and the national live birth rate per treatment cycle); and
- f. any charges to be made to the patient in connection with the treatment strategy proposed and the likelihood, and likely variation, of foreseeable changes to those charges as treatment progresses; and
- g. where appropriate, the procedure used to collect gametes, including a description of possible discomfort, pain and risk to the individual related to this procedure; and
- h. the possible side effects and risks of treatment to the woman to be treated and any resulting child, including ovarian hyperstimulation syndrome (OHSS); and
- i. the fact that a possible association between ovulation induction therapy and ovarian cancer remains uncertain; and
- j. the advantages and disadvantages of continued treatment after failed attempts; and
- k. the importance of informing the treatment centre about the eventual outcome of the treatment (including outcomes in which no live birth results); and
- l. the centre's complaints procedure.

Understanding clinic success rates

Looking for a list of HFEA licensed clinics? [Use our search tool](#) and find the right clinic for you.

The HFEA produces 'success rates', also known as 'live birth rates' for every licensed clinic. These show the number of treatments carried out by the clinic in a particular year, and the number of babies that were born as a result.

On this page:

- [What should I keep in mind when looking at success rates?](#)
- [Why are some clinic success rates lower than others?](#)
- [Success rates can differ with types of treatment](#)
- [How old are the success rates published on this site?](#)
- [How do we get the figures?](#)
- [What is a clinical pregnancy rate?](#)
- [Why should I look at clinical pregnancy rates?](#)