

When you have completed the reading and participated in the taught components for this week, we hope you will be able to....

Outline differed approaches to thinking about and managing risk and the implications for health, illness and society.

Critically reflect upon the development of medical screens and the way in which it shapes the perceptions and experiences of health and illness.

The point of this lecture.... NOT to engage in discussion about the

...is NOT to engage in discussion about the relative claims to truth of competing arguments about what phenomena should be considered 'real risks' or not

...is to look at the ways in which CONCEPT of risk operates in society and the implications



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The mastery of risk





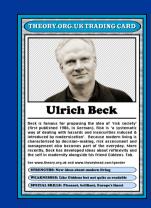


The future is more than the whim of the gods... men and women are not passive before nature Bernstein, 1996 p1

Modernity (modern society, industrial civilisation)

- · The key to human progress and social order is objective knowledge through scientific exploration and rational thinking
- · Assumes that social and natural worlds follow laws that may be measured, calculated and therefore predicted
- · Preoccupied with the future
- Science of probability and statistics key







Risk Society

- · Greater control over the risks posed by nature
- BUT new 'man-made' risks (e.g. nuclear power, pollution, global warming)
- Risk is the flipside of increased opportunities we have created through science and technology
- Opportunities for material, physical and social security BUT science and technology have a dark side......

Techno-scientific approach to risk

R = PM





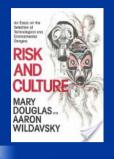




Cultural Theory of Risk

- Critiques realist, technoscientific approach
- Examines how and why individuals form judgements about danger and threats
- Seeks to explain why some dangers are identified as 'risks' and others not





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Culture shapes lay understanding of risk

Individuals do not try to make independent choices...when faced with estimating probability and credibility, they come primed with culturally learned assumptions and weightings

Douglas, 1992: 58



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Social response to risk



- · Historical analysis
- · Swine flu, Fukushima
- Use not driven by evidence
- Social response to risk of disease
- State, media and commercial pressures
- Individual responsibility

Risk and blame sociology of Health & Illness - Ashkenazi

Who's to blame? Accounts of genetic responsibility and blame among Ashkenazi Jewish women at risk of BRCA breast cancer

Jessica Mozersky

Broke Fundata, Bennes, Switzerland and Canter for the Integration of Genetic

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Expression BBCA, benut cancer, Addiness Jens, generic responsibility, Mars reproduction corresponses.

The general feature - the quality of life that premission flyering will have in section of general (Notes and Rese 2000, 201).

One consequence of material garantees from being within these content densets in particular and particular collections appeared to produce of particular collections and particular collections are consequently for the collection of the collection and collections are collections and collections are collections and collections are collections and collections are collections are collections are collections. The also inductable and collections are collections are collections are collections are collections are collections are collections. The collections are collections. The collections are collections are collections are collections are collections are collections. The collections are collections are collections are collected as collections are collected as collections are collected as collections are collected as collected

- Ashkenazi Jewish community
- 1 in 40 risk of carrying BRAC1 & 2 genes
- 14 in-depth interviews
- Past and present
- Mitigate blame through
 - Comparison with other groups
 - Focus on ultra-orthodox practices

Lay understanding of risk

- The way people talk about and understand risk is different
- People must make their own choices, but from an ever-extending array of possible risks, which must be understood and balanced.
- The healthcare profession is in a significant position in giving meaning to the public's concept of risk and risk factors



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Calman K (1996) Cancer: science and society and the communication of risk. *BMJ* 313:799-802)

Lay experience of risk SOCIOLOGY OF HEALTH & SLADES TO THE CONTROL OF THE CONTRO

[Being at risk] impacts your sense of your mortality in a way that's very subtle. Even though I don't view these numbers as risky, just the fact that, okay, I've got this thing that's not in the normal range...On the other hand, it's a placeholder for mortality at some point, and there is going to be a time when I get something really bad. And I'm — it's almost like an anticipation, okay, this is the first of what may be a series of 'uh-ohs' down the road, and I think that that — that impact is very subtle, but I think its real. I think it's a real effect

Marshall, PhD in Engineering, PSA test



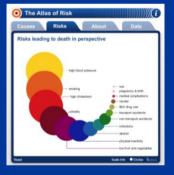
Surveillance medicine

seemingly healthy populations' (p393)

· 'the observation of

- Focus on what is considered 'normal'
- Blurring of the distinction between health and illness
- Ensuring healthy 'norms' are maintained

This atlas will help you to put health risks and death rates into perspective. Use it to compare cause of death and risks to health based on sex, age and region.



Governmentality

- · Power typically thought of as a hierarchical, topdown power of the state
- · But there are other forms of social control ... People play an active role in their own selfgovernment
- Guided by social institutions, procedures, analyses and reflections

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ľ	Michel Foucault
-	
s	rench thinker, 1926-1984. Earlier work noted how ocial order is maintained as people learn to keep hecks on themselves. Later work saw self-identity as
h	n active project, influencing queer theory. In The History of Sexuality, Foucault suggests power is not a
p	ixed property held by certain groups, but is fluid and resent in all interactions. Where power is exercised, esistance develops; this is a productive relationship.
	or more, see www.theory.org.uk/foucault [Card 3 of 12]
`	STRENGTHS: Model of power innovative and realistic
0	WEAKNESSES: Idiosyncratic reading of history arguably
(SPECIAL SKILLS: Happily rejects old models, creates new ones

THEORY, ORG, UK TRADING CARD

Barts and The London

Example: Preventive medicine

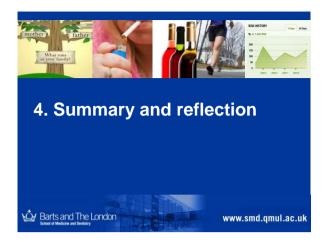
- · Assessing risk of illness in individuals
- Risk assessed by 'surveying' populations and identifying what is and is not 'normal'.
 - Use of risk factors as (potential) causes of disease
 - Risk factors → diseases to be cured → treatment
- Expands possibilities for medical intervention
- Risk itself becomes a condition to be treatment



Should 'prehypertension' be treated? Who benefits and why?



- 'Borderline 'or 'high normal' blood pressure
- New diagnostic category
- Potentially 1 in 3 adults (c50 million in the US)



There's no getting away from risk!

Risk is not neutral

Medicine tends to adopt techno-scientific approach

Social context influences the way lay people understand and manage health risks Identification and management of risk play a significant role in medicine and healthcare

Risk is associated with ideas about choice, responsibility and blame

Key concepts: risk society, risk and culture, surveillance medicine





When you have completed the reading and participated in the taught components for this week, we hope you will be able to....

Outline differed coproaches to thinking about and managing risk down the implications for health, illness and society.

Critically reflect upon the development of medical screening and the way in which it shapes the perceptions and experiences of health and illness.



Virtual seminar discussion

- · Read the set reading. Pick an illness or disease that is (or could be) screened for (e.g. breast cancer, Huntington's disease).
- Focusing on your example, write 200-300 words on what medical screening is, who it might benefit or harm and why. Post your text in the virtual seminar and review/reply to others' as they appear.



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Medical screening

POPULATION

- · Breast cancer
- Colon cancer
- Prostate cancer
- Newborn screening
- · Cervical cancer
- Tubercolusis

ROUTINE

- · Breast cancer
- · Huntington's disease
- Child development
- · Gestational diabetes

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Critical reflection • Balancing benefits / harms • New roles and identities for patients • Managing uncertainty • Moral obligations • Changing role of diagnosis • Vested interests, commercialisation • Medical screening elsewhere in the world