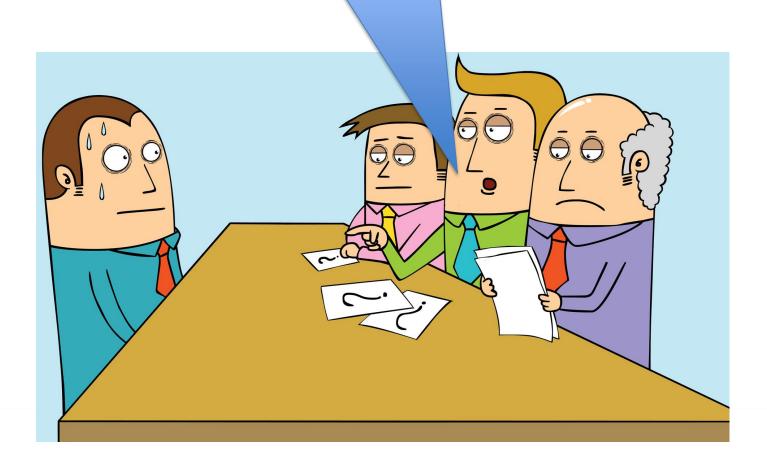


What would you do if a trainee turned up to work drunk?





What would you do if a trainee turned up to work drunk?





Mental Health and Wellbeing

February 2018

Dr Chris O'Loughlin Head of School, Psychiatry Professional Support Unit

Developing people

for health and

healthcare

www.hee.nhs.uk

Dr Reeba Jacob Consultant Psychiatrist Core Training Programme Director, CPFT



Introductions...







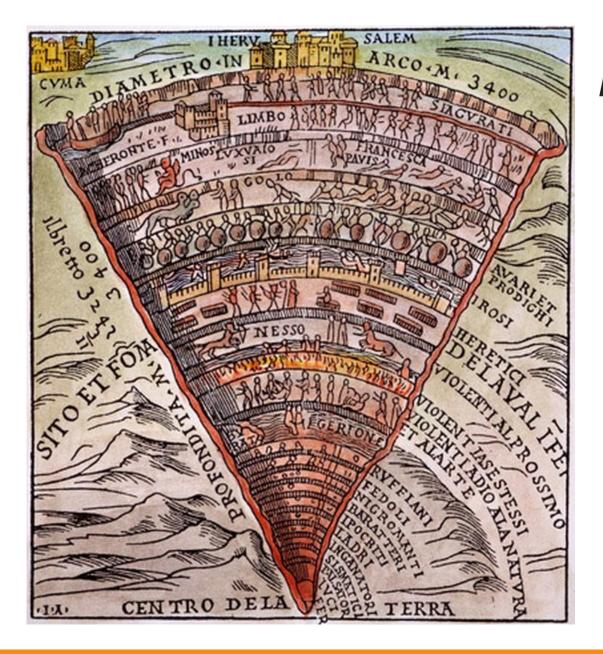
Mental Illness and Stress February 2018

Developing people

for health and

healthcare

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Health Education England



Not covering...

- Commuting
- New contract
- National recruitment processes
- Access to less than full time training

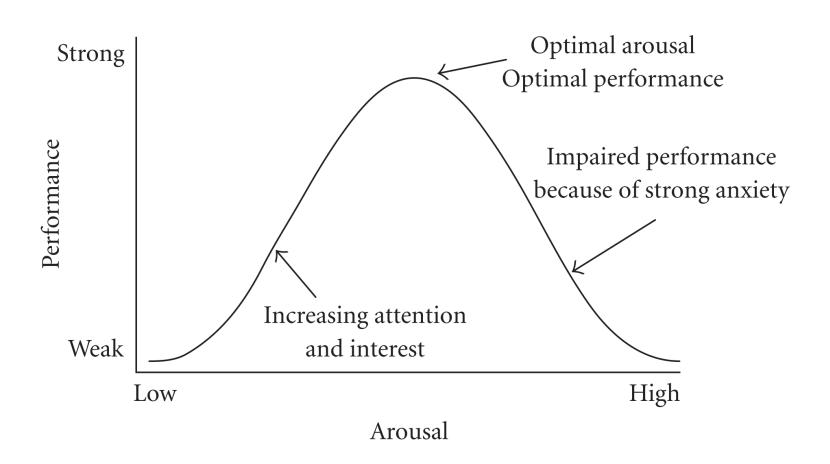




What is stress?

Stress is the result of any emotional, physical, social, economic, or other factors that require a response or change.







What is stress?

Work-related stress is a harmful reaction that people have to undue pressures and demands placed on them at work.



What is stress?

"Workplace stress" then is the harmful physical and emotional responses that can happen when there is a conflict between job demands on the employee and the amount of control an employee has over meeting these demands.

In general, the combination of high demands in a job and a low amount of control over the situation can lead to stress.





- Job-specific factors
 - Workload (over and under...)
 - Autonomy
 - Shift-work / OOHs
 - Skills vs Demands
 - Appreciation
 - Physical environment
 - Isolation



- Job-specific factors
- Roles
 - Conflicts (eg multiple supervisors)
 - Ambiguity
 - Level of responsibility



- Job-specific factors
- Roles
- Career development
 - Promotion
 - Security
 - Development opportunities
 - Job satisfaction



- Job-specific factors
- Roles
- Career development
- Relationships at work
 - Supervisors
 - Colleagues
 - Subordinates
 - Threats
 - Reporting



- Job-specific factors
- Roles
- Career development
- Relationships at work
- Organizational culture
 - Participation in decision-making
 - Management style
 - Communication patterns
 - Engagement (eg in change)



- Job-specific factors
- Roles
- Career development
- Relationships at work
- Organizational culture
 - Participation in decision-making
 - Management style
 - Communication patterns
 - Fairness



- Job-specific factors
- Roles
- Career development
- Relationships at work
- Organizational culture
- Work-life Balance

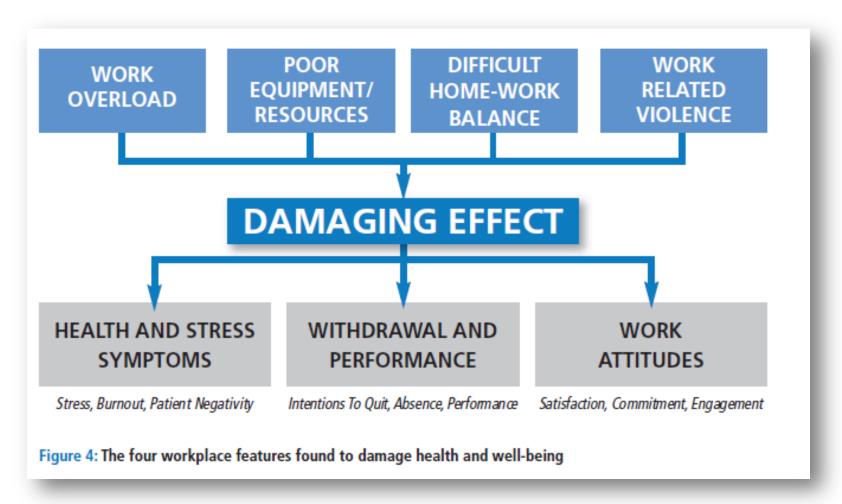


"Non-work" stress

- Moving jobs
- Moving house
- Relationships / Marriage
- Babies / Young children
- Relatives needing care

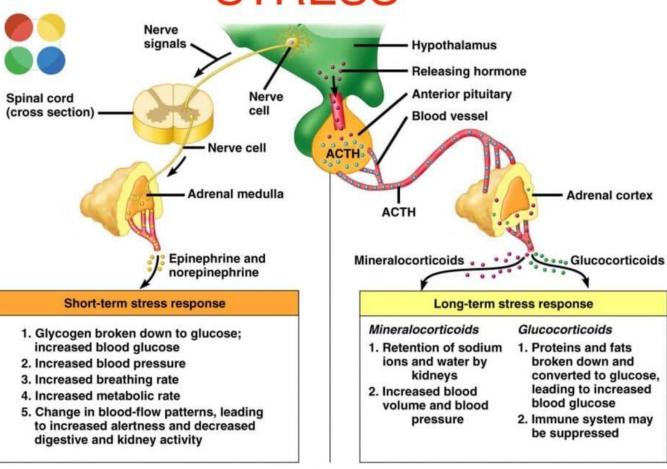
...will also tend to occur in doctors in training







STRESS





Symptoms / Signs

- Anxiety
- Low mood
- Boredom
- Apathy
- Fatigue
- Sleep disturbance
- Frequent headaches / colds
- Irritability

- Substance use
- Loss of sex drive
- Relationship problems
- Tearfulness
- Restlessness
- Significant illness
- Accidents
- Forgetfulness



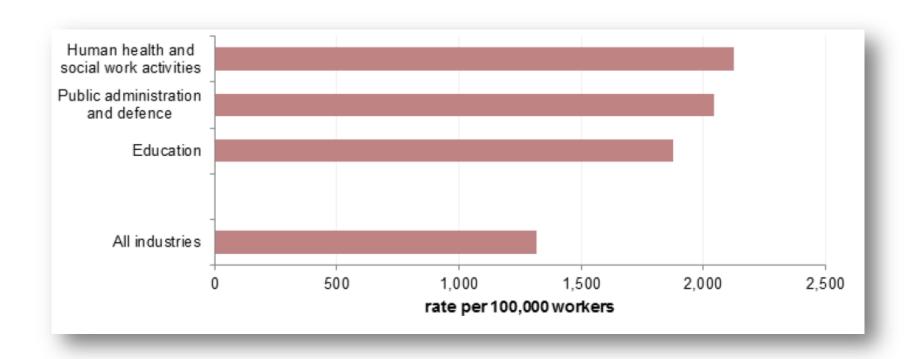
526,000

Workers suffering from work-related stress, depression or anxiety (new or long-standing) in 2016/17

12.5 million

Working days lost due to work-related stress, depression or anxiety in 2016/17





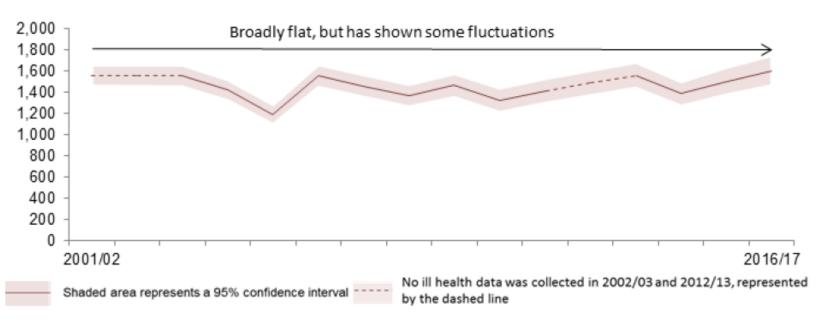


How has stress changed?



How has stress changed?

Stress, depression or anxiety per 100,000 workers: new and long-standing

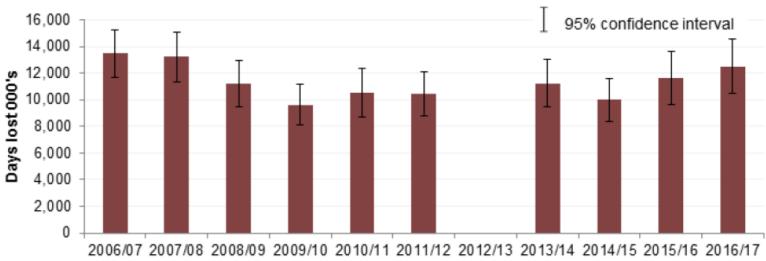


Source: **Labour Force Survey** (Estimates of self-reported stress, depression or anxiety caused or made worse by work)



How has stress changed?

Figure 2. Days lost due to self-reported work-related stress, depression or anxiety in Great Britain, for people working in the last 12 months



Source: Labour Force Survey

Note: No ill health data collected 12/13





- Around 30-40% of NHS staff report stress in the workplace in the previous 12 months
- Accounts for over 30% of all sick leave
- Costs £400 million per year
- General / Universal factors:
 - Increasing demands
 - Organizational change

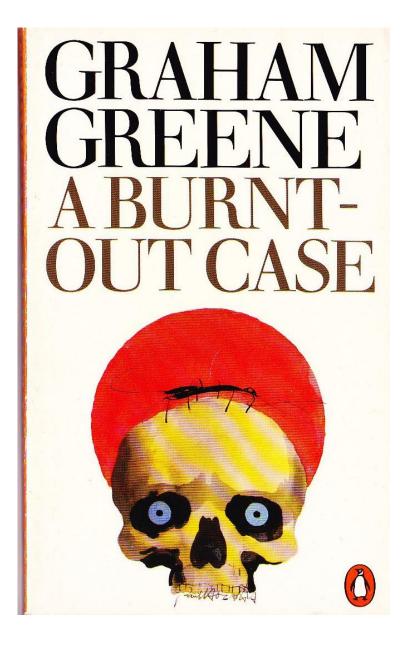
WHS Health Education England





For trainees – Individual & Occupational Factors

- Educational attainment pressures from early age, perfectionism, self critical nature of many doctors, unhelpful or underdeveloped coping strategies
- Emotional demands of patient care: breaking bad news, deaths, unrealistic expectations from Public/Trusts
- Work load and long working hours, examinations, new clinical structures with less supportive teams.
- Junior doctors- frequent relocations/ financial worries/ ?readiness for consultant life
- Relationship pressures work and home







Burn-out

- Described in 1974
- Long-term, "unresolvable" job stress

Characterized by (varying definitions):

- Exhaustion
- Depersonalization / Cynicism / Loss of empathy
- Lack of sense of achievement



Maslach Burnout Inventory

From 1981

(Warning!)



Exhaustion

Questions:	Never	A Few Times per Year	Once a Month	A Few Times per Month	Once a Week	A Few Times per Week	Every Day
Section A:	0	1	2	3	4	5	6
I feel emotionally drained by my work.							
Working with people all day long requires a great deal of effort.							
I feel like my work is breaking me down.							
I feel frustrated by my work.							
I feel I work too hard at my job.							
It stresses me too much to work in direct contact with people.							
I feel like I'm at the end of my rope.							



Lack of empathy

Questions:	Never	A Few Times per Year	Once a Month	A Few Times per Month	Once a Week	A Few Times per Week	Every Day
Section B:	0	1	2	3	4	5	6
I feel I look after certain patients/clients impersonally, as if they are objects.							
I feel tired when I get up in the morning and have to face another day at work.							
I have the impression that my patients/clients make me responsible for some of their problems.							
I am at the end of my patience at the end of my work day.							
I really don't care about what happens to some of my patients/clients.							
I have become more insensitive to people since I've been working.							
I'm afraid that this job is making me uncaring.							



Lack of achievement

		A Few		A Few		A Few	
Questions:	Never	Times	Once a	Times	Once	Times	Every
		per	Month	per	a	per	Day
		Year		Month	Week	Week	
Section C:	0	1	2	3	4	5	6
I accomplish many worthwhile things in this job.							
I feel full of energy.							
I am easily able to understand what my patients/clients feel.							
I look after my patients'/clients' problems very effectively.							
In my work, I handle emotional problems very calmly.							
Through my work, I feel that I have a positive influence on people.							
I am easily able to create a relaxed atmosphere with my patients/clients.							
I feel refreshed when I have been close to my patients/clients at work.							



Sleep...



Sleep...

Anaesthesia 2017, 72, 1069-1077

doi:10.1111/anae.13965

Original Article

A national survey of the effects of fatigue on trainees in anaesthesia in the UK*

L. McClelland, J. Holland, J.-P. Lomas, N. Redfern and E. Plunkett A

1 Specialist Trainee, Anaesthesia, University Hospital of Wales, Cardiff, UK



Effects of fatigue...

- Effects on physical health (73%)
- Effects on psychological wellbeing (71%)
- Effects on personal relationships (67%)
- 57% report accident or near-miss when travelling home from night shifts
- Problems: night shifts, absence of breaks, inadequate rest facilities







Who?



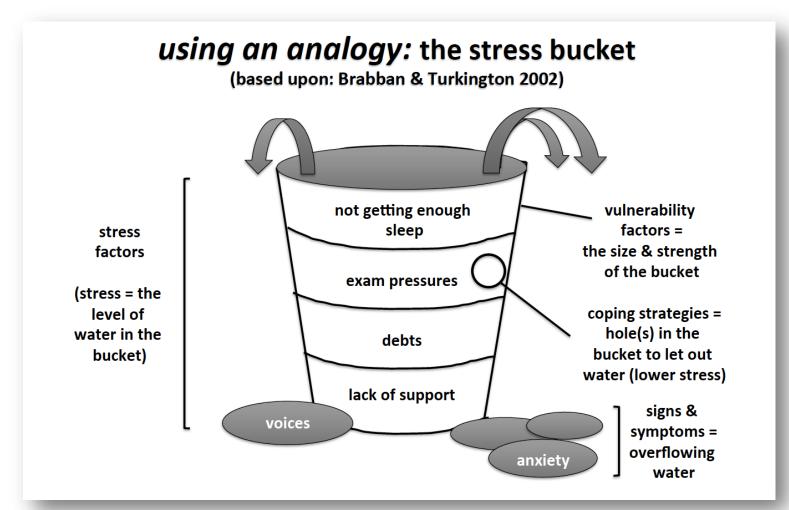
Developing Explanations

the 'vulnerability - stress' model (after: Zubin & Spring 1977)

Zubin & Spring suggest that:

'...as long as the stress induced by challenging events stays below the threshold of vulnerability, the individual... remains well within the limits of normality. When the stress exceeds the threshold, the person is likely to develop a psychopathological episode of some sort... when the stress abates and sinks below the vulnerability threshold, the episode ends.'





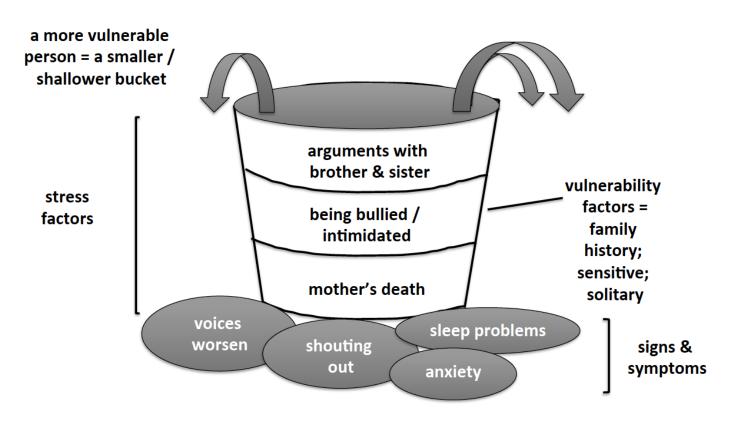


Aetiology

- Predisposing Factors genetic burden, childhood trauma, abuse, foster care, significant bullying
- Precipitating Factor s- medical disorders, substance misuse, non-compliance with treatment, 'life events'
- Perpetuating Factors unresolved precipitating factors, homelessness, financial issues



more vulnerable = a shallower bucket





Personality?

BMC Medicine



Research article

Open Access

Stress, burnout and doctors' attitudes to work are determined by personality and learning style: A twelve year longitudinal study of UK medical graduates

IC McManus*1, A Keeling1 and E Paice2

Address: ¹Department of Psychology, University College London, Gower Street, London WC1E 6BT, United Kingdom and ²London Department of Postgraduate Medical and Dental Education, 22 Guilford Street, London WC1N 1DZ, United Kingdom

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Received: 27 March 2004 Accepted: 18 August 2004

This article is available from: http://www.biomedcentral.com/1741-7015/2/29



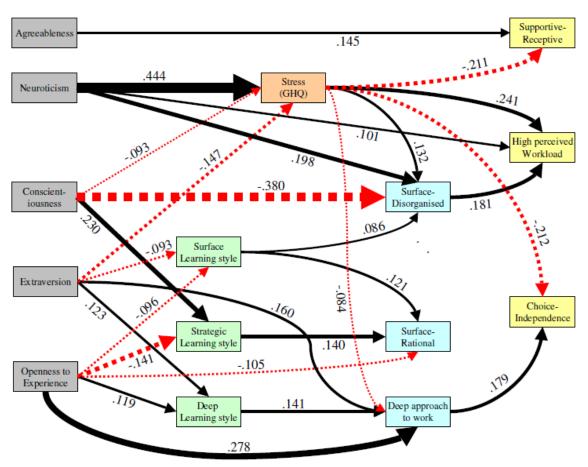


Figure 2
Path diagram showing the relationships among the measures of personality, learning style, stress, approaches to work, and workplace climate. The width of arrows is proportional to the strength of an effect, which is shown alongside each line as a path (beta) coefficient. Negative effects are shown as red, dashed lines. For details of the statistical method and a fuller model incorporating all links, see Supplementary Information.



Personality?

- Reporting stress/burnout now correlates with reporting stress/burnout 5-6 years earlier (when doing different jobs)
- Some of the difference between doctors correlates with learning styles and personality at medical school a decade (or more) previously



It is uncertain how much mental ill health in doctors results from the stresses of the job and how much from the characteristics of those who choose medicine as a career. Both are likely to play a part. Doctors are a committed and conscientious group. Personality traits such as perfectionism, self-criticism and dependency are reportedly common in medical students. In some, such traits may influence their perceptions of work, making it more stressful. 19 20



Identifying problems...



Identify

The "disappearing act":

not answering bleeps; disappearing between clinic and ward; lateness; frequent sick leave.

Low work rate:

slowness in doing procedures, clerking patients, dictating letters, making decisions; arriving early, leaving late and still not achieving a reasonable workload.

"Ward rage": bursts of temper; shouting matches; real or imagined slights.

Rigidity: poor tolerance of ambiguity; inability to compromise; difficulty prioritising; inappropriate 'whistle blowing'.

"Bypass syndrome": junior colleagues or nurses find ways to avoid seeking the doctor's opinion or help.

Career problems: difficulty with exams; uncertainty about career choice; disillusionment with medicine.

Insight failure: rejection of constructive criticism; defensiveness; counter-challenge.



Identify

Other

Lack of engagement in educational processes

Lack of initiative / professional engagement

Inappropriate attitudes

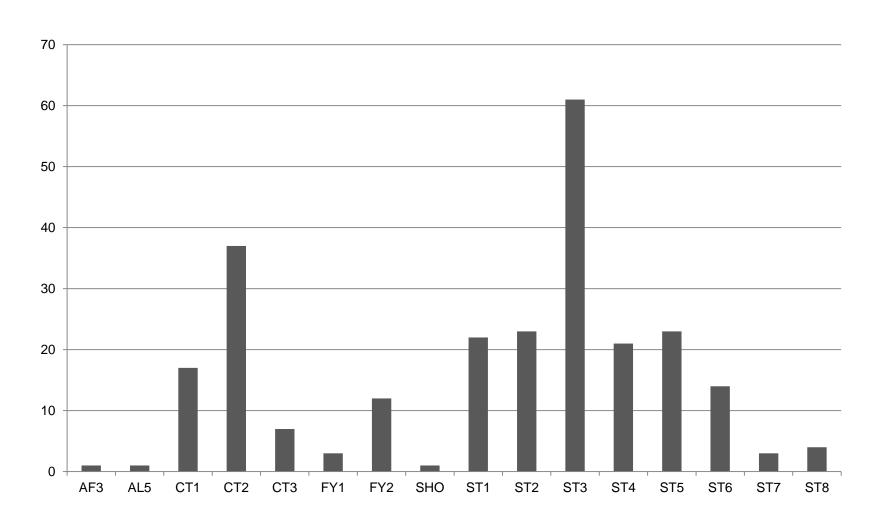


Identify...

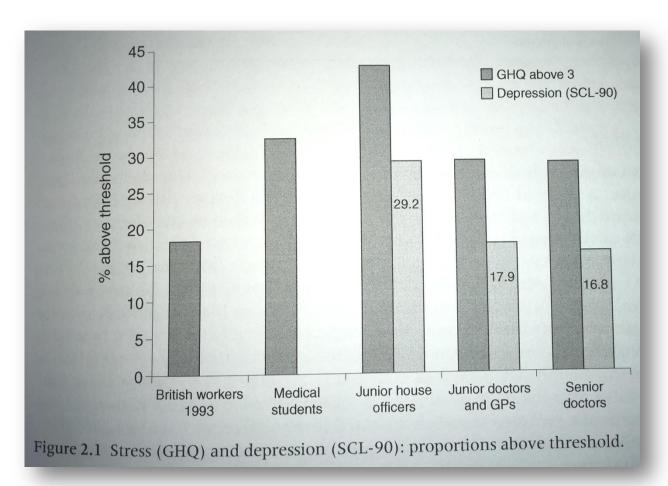
... Ask them!



PSU - Around 6 - 9% of trainees



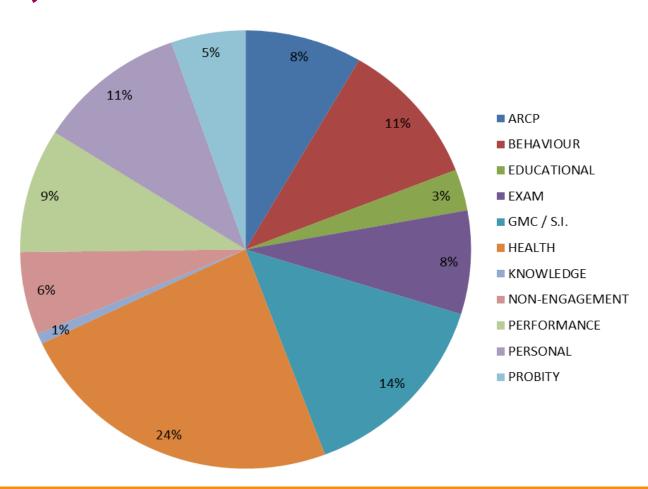




Firth-Cozens, 2004

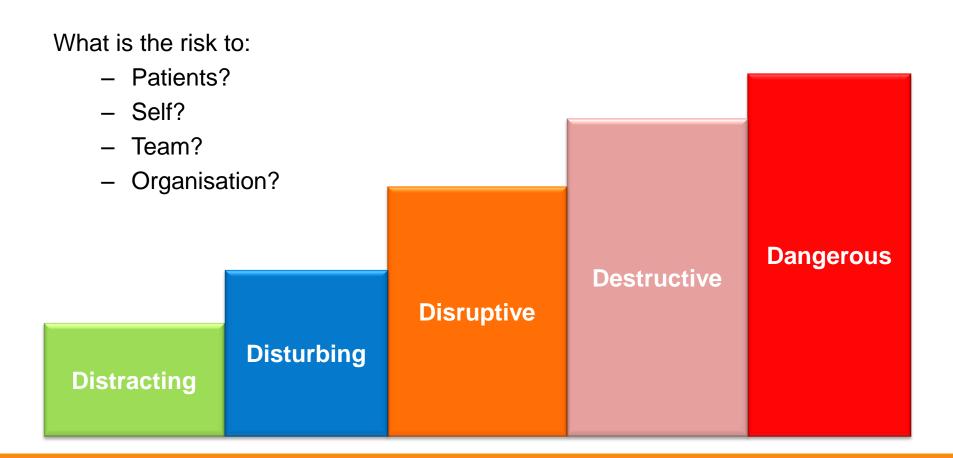


HEE, EoE Breakdown - PSU





How much of a problem?





		NHS
Health	Education	England

CLINICAL SUPERVISOR: supervises clinical work, WPBA, feedback	EDUCATIONAL SUPERVISOR: oversees longitudinal educational progress, reports to ARCP, career advice	TPD: Deanery Appointment, overseas all postgraduate training in Trust, Pastoral Support for all trainees	HEEOE HOS: Speciality or Programme perspective of educational processes
Early detection of difficulty	Liaises with CS	Supports CS and ES when training progress	Supports educators
Ensures patient	Collates evidence	compromised	Speciality specific advice
safety	Reports concerns to Tutor and TPD	Adverse ARCP outcomes discussed	Helps manage all trainees
Documentation of	to rutor and TPD	jointly with trainee	in difficulty
incidents	Joint meetings with TPD	Referral to Professional	
Feedback		Support Unit where	
	Remedial plans	appropriate	



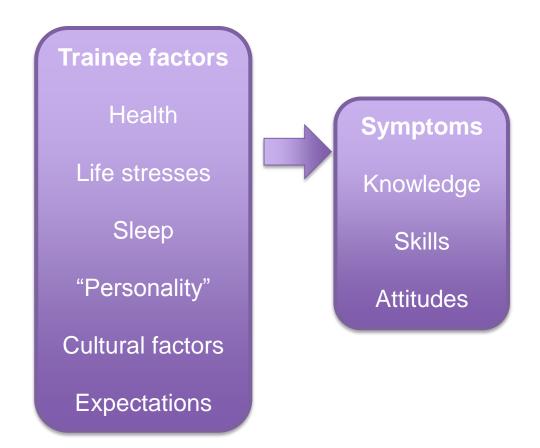
Symptoms

Knowledge

Skills

Attitudes







Environment

Workload

Rotas

Lack of feedback

Wrong level of expertise

Trainee factors

Health

Life stresses

Sleep

"Personality"

Cultural factors

Expectations

Symptoms

Knowledge

Skills

Attitudes



Trainer

Bullying
Disorganised
Burnt-out
Absent

Environment

Workload

Rotas

Lack of feedback

Wrong level of expertise

Trainee factors

Health

Life stresses

Sleep

"Personality"

Cultural factors

Expectations

Syr

Symptoms

Knowledge

Skills

Attitudes



What about more serious problems....

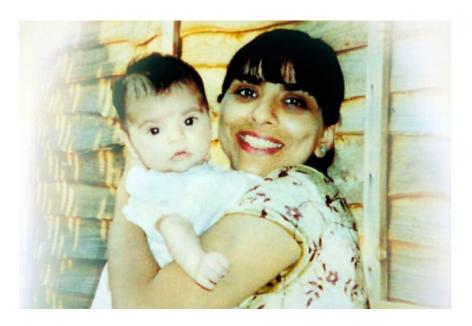




NHS Health Education England







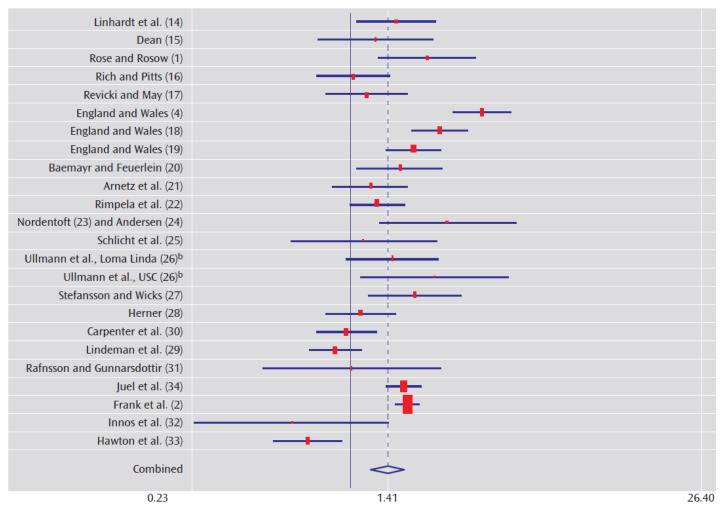


Suicide

- Commonest cause of death for men aged 20-49
- 75% men, 25% women in UK
- Strongly associated with mental illness
- Doctors have higher rates than general population
- Particularly anaesthesia, emergency medicine, ITU



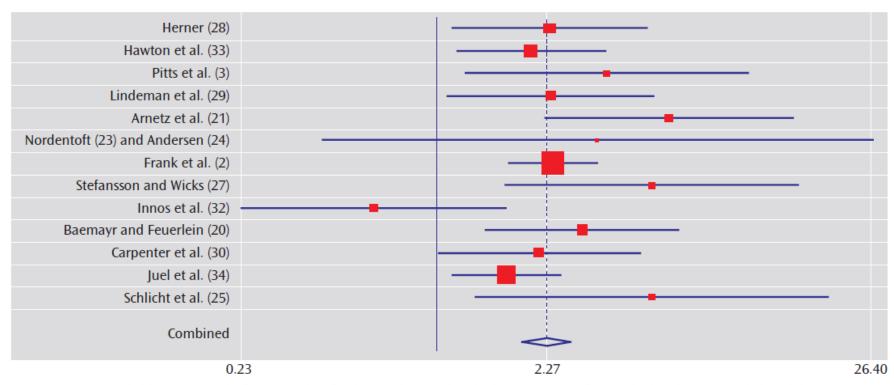
FIGURE 1. Meta-Analysis of Male Physicians' Suicide Rate Ratios in 24 Studies^a



Suicide Rate Ratio for Male Physicians (95% CI) Relative to General Population (exponential scale)



FIGURE 2. Meta-Analysis of Female Physicians' Suicide Rate Ratios in 13 Studies^a



Suicide Rate Ratio for Female Physicians (95% CI) Relative to General Population (exponential scale)



Why?

High rates of mental illness (10%)

Low rates of treatment

Access to lethal means



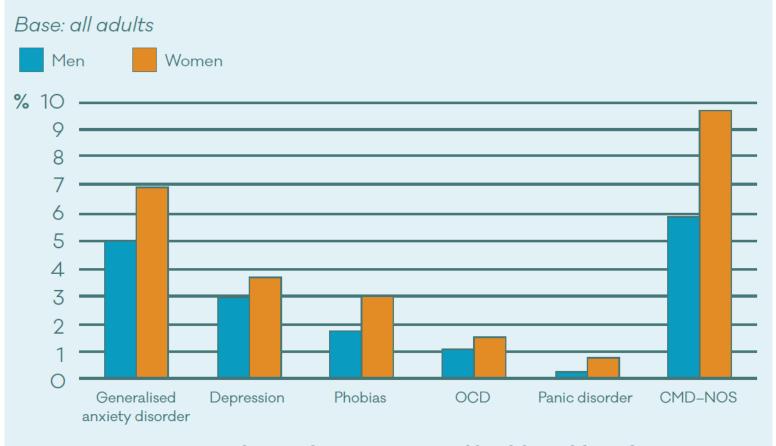


Figure 1a: APMS prevalence of common mental health problems by sex Stansfeld, S., Clark, C., Bebbington, P., King, M., Jenkins, R., & Hinchliffe, S. (2016). Chapter 2: Common mental disorders. In S. McManus, P. Bebbington, R. Jenkins, & T. Brugha (Eds.), Mental health and wellbeing in England: Adult Psychiatric Morbidity Survey 2014. Leeds: NHS Digital.



Case Vignettes



Case 1

- CMT 2 with no past psychiatric history. Presents with anxiety ('for as long as I can remember'). Palpitations and hyperventilation noticed in addition to anxiety.
- Sleep disturbed / appetite variable in recent weeks.
 Fleeting suicidal thoughts, stood at a bridge, but doesn't think he will harm himself.
- Possible trigger? Membership examinations in the next few weeks, interpersonal issues with supervisor



Anxiety is an unpleasant emotional state characterized by:

- Fearfulness
- Unwanted and distressing physical symptoms.
- Can be a normal and appropriate response to stress
- Pathological when disproportionate to severity of the stress, continues after stressor has gone, or occurs in absence of any external stressor.



- Having emotional or behavioral symptoms within three months of a specific stressor occurring in your life
- Experiencing more stress than would normally be expected in response to a stressful life event and/or having stress that causes significant problems in your relationships, at work or at school
- Symptoms are not the result of another mental health disorder or part of normal grieving
- Can be in the context of problems with family or friends, or work or school problems.

Treatment:

- Psychotherapy/Medication/ both.
- Psychotherapy: can help teach stress-management and coping skills to deal with stressful events
- Medication: usually antidepressants for a limited period.

Diagnosis and Management



- Adjustment Disorder with Mixed Depressive and Anxiety reaction
- Management: arranged review to assess progress and finalise plan for medication/psychological input.
- Felt better at next OPC and decided against treatment but very appreciative of being seen and reassured.



Case 2

- Referral via occupational health. Requested review of this patient as a priority.
- Panic attack in outpatient clinic, junior doctor very distressed
- Past psychiatric history of an eating disorder at 14 years, normal weight at present.
- Family history of mental illness in paternal grandmother (admitted to an 'asylum') maternal family depression



Presenting Symptoms

- Since childhood, superstitious beliefs, repetitive routines when dressing/bathing.
- Recently ruminations of guilt, repetitive ideas that her thoughts have led to harm to others. Concerns about cleanliness and hygiene with compulsive hand washing.
- Anxiety +++ both cognitive/autonomic symptoms.
- Extreme exacerbation about hygiene on hospital wards- leading to crisis.



 MSE- distressed, tearful, 'am I going mad', thought showed ruminations of guilt, fears that she would harm people by her thoughts and need to compensate using a number of ritualistic compulsions



Diagnosis, Treatment, Prognosis

- OCD and more recently additional Depressive Disorder
- Medication: antidepressants (higher end of dosing schedule) Stable on Sertraline 200mg although had a relapse when GP reduced
- Psychological treatment- Exposure and Response Prevention
- Improved, decided to focus on a non-clinical career!



Case 3

- CT1 in psychiatry. Reported to Clinical Supervisor that she has a diagnosis of a severe mental illness and has follow up with psychiatrist in London.
- Good trainee, dedicated, refused offer of any work adjustments despite her diagnosis
- Half way through posting, raised some concerns about interpersonal stress with colleagues. Difficult to tease out the nature of these.
- Colleagues complained to tutor about her hostile behaviour



Management

- Referred to Occupational Health for review
- She brought forward her outpatient appointment with consultant
- In our supervision, we wondered if it would be helpful to share difficulties with colleagues given their frustration might be exacerbating her own difficulties?
- Sadly this trainee's illness was such that she could not continue with training.

•



Case 4

- ST in Surgery, with no past psychiatric history but significant family history of mental illness in mother who has had repeated admissions to psychiatry wards.
- Recent stressor- elder brother has committed suicide.
- Presents to GP with symptoms of low mood, poor concentration and inability to go to work – off sick for last week. Suicidal ruminations but no specific plans.
- Using cannabis regularly 'to try to improve mood'



Depression



Depressive disorder: An increasing cause of disability worldwide

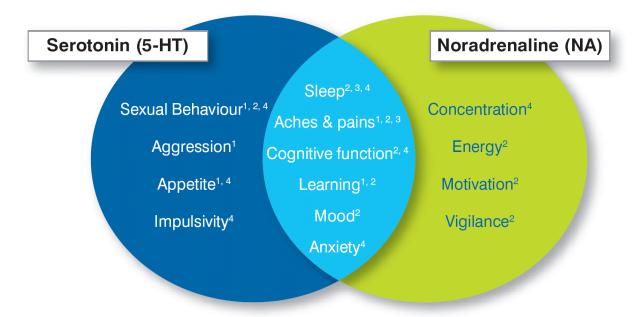
Rank	1990	2020 (estimated)
1	Lower respiratory infections	Ischaemic heart disease
	Diambasal diasassa	
2	Diarrhoeal diseases	Unipolar major depression
3	Perinatal conditions	Road traffic accidents
4	Unipolar major depression	Cerebrovascular disease
5	Ischaemic heart disease	Chronic obstructive pulmonary disease

Murray CJ, Lopez AD. Science 1996;274:740-3



A proposed model of symptoms mediated by 5-HT & NA*

A Proposed Model of Symptoms Mediated by 5-HT and NA



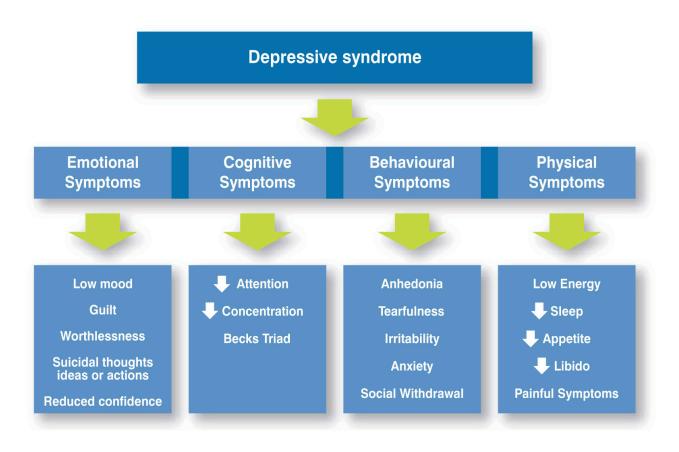
*Hypothetical neurobehavioural model using several data sources based mostly on animal studies

^{1.} Lucki I. Biol Psychiatry 1998; 44: 151–162., 2. Frazer A. J Clin Psychiatry 2001; 62(Suppl 12): 16–23., 3. Jones CL. Prog Brain Res 1991; 88: 381–394.

^{4.} Ressler KJ, Nemeroff CB. Depress Anxiety 2000; 12(Suppl 1): 2-19.



NICE symptom Heat classification for depression





Key facts that patients should know

- An episode should be treated for at least six months AFTER recovery.
- Those with multiple episodes may need treatment in the longer term.
- Anti-depressants are non-addictive and not known to cause new side-effects over time.
- Anti-depressants should not be stopped suddenly due to possible discontinuation syndrome.



Substance misuse...





Difficult to assess scale...

- 7-10% of doctors will have substance misuse problem during lifetime
- 56% of HOs (1998) drank alcohol to excess
- Often vulnerabilities in medical school



And who?

- Anaesthetists (?)
- GPs
- Psychiatrists



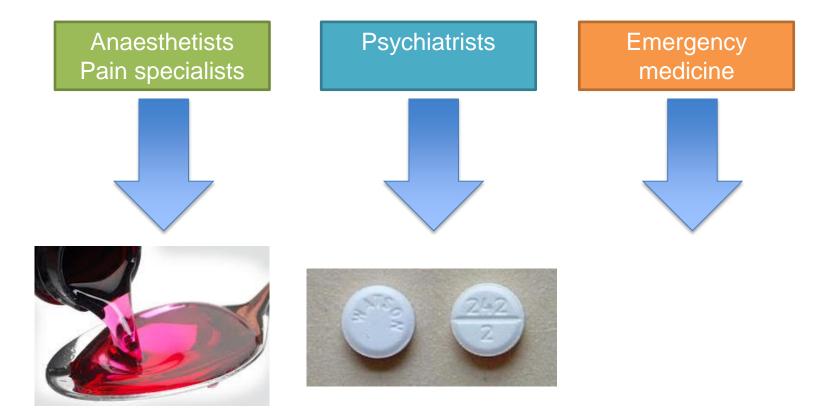




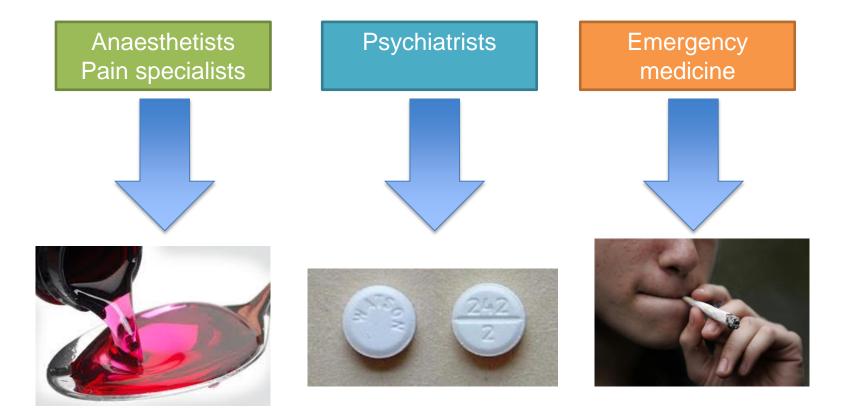


Emergency medicine











Why?



Why?

- Stress, anxiety, burn-out
- Culture of alcohol, medical school onwards
- Easy access / self-prescribing
- Personality
- Lack of earlier help-seeking
- Income



Effects

- Workplace performance
- Worsening cycle of stress
- Direct noticeable effects
 (Often detected / challenged at work)







Why is this an issue?



Do Doctors Seek Support?

- Doctors work under regulatory structures which can deprive them of some basic liberties and rights to confidentiality.
- Doctors are aware of the potential severe negative impact of health problems on their professional futures and career prospects leading to a reluctance to them reluctant to seek help through normal channels.
- Doctors are more able, and at times inclined, to seek help for their health generally through a large number of informal channels. This ironically means that they may not have a close relationship with a general practitioner who can coordinate their care. They may also not have the ability to access care if their condition deteriorates.



Issues for Trainers and Employers?

- Risks to patients posed by doctors who are not well
- Risks to the trust / reputation issues posed by doctors who are not well.
- Ultimate cost of care/substitution for doctors and of poorly performing doctors.



The complicated bits...

- Human Resources & Employment Law
- Discrimination / Equality considerations
- Health and Safety
- Litigation and Tribunals
- Confidentiality
- Bullying / Harassment issues

Talk to HR & Deanery



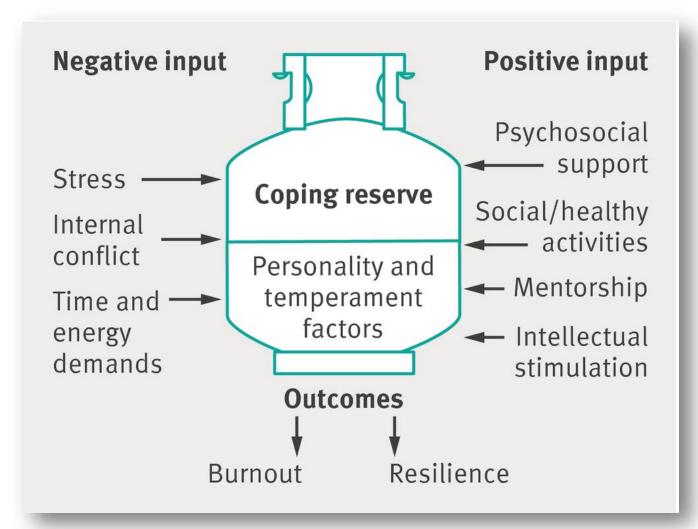
What can trainees do?



Trainees...

- Ensure registered with a GP
- Monitor health and well-being
- Exercise
- Pro-actively manage sleep (particulary when on-call)
- Watch alcohol (and other substance) use
- Look for supportive colleagues / structures







Resilience?



Resilience?

A complex and dynamic interplay between an individual, the individual's environment, and sociocultural factors that promotes a positive outcome from adversity.

- Not just "lack of burnout" (though most research here)
- Taken from military
- Tendency to focus the problem back on the trainee



Building resilience

(Uncertain benefits)

- Promote intellectual interest
- Self awareness
- Time management
- CPD
- Wider support and mentors



Sources of support (1)

- GP
- Employer eg Occ Health
- IAPT (PWS in Cambridgeshire)... Not ideal for some
- Mental Health services / Substance misuse services



Sources of support (2)

Professional support unit





Sources of support (2)

- Professional support unit
- NHS Practitioner Health Programme (mostly London, mental health / addictions)
- Trainee Doctors and Dentists Support Programme
- Evelyn Trust Mental Health Service (Cambridgeshire)
- Sick Doctors Trust (Alcohol / Drug problems)
- Colleges' support services / BMA



For serious mental illness

(ie beyond stress / mild-moderate illness)

- Should be engaged with secondary care services or alternative
- Likely to be on medication (which may have side effects)
- Under specific consultant



When the GMC?

Broadly, when a doctor's health is affecting their fitness to practice...

... And in general this isn't the case if doctors are looking after their health and taking time off sick appropriately

So is mainly an "insight" issue



GMC issues...

III health

8.35 When identified, matters relating to ill-health or to substance misuse should be dealt with through employers' occupational health processes and outside disciplinary procedures where possible. When the doctor's fitness to practise is impaired by a health condition, the GMC must be told and the Postgraduate Dean should be informed in writing. The GMC should also be involved if the doctor fails to comply with any measures that have been put in place locally to address health issues.

2010, not more recently



GMC issues...



to ill-health or to substance misuse should concupational health processes and outside ossible. When the doctor's fitness to practise the GMC must be told and the formed in writing. The GMC should also be nply with any measures that have been put in ssues.

Drug and Alcohol Abuse amongst Anaesthetists
Guidance on Identification and Management



GMC issues...



to ill-health or to substance misuse should

Substance misuse (including alcohol)

91 The use of illegal substances is normally a fitness to practise issue. Where a student is addicted to a controlled substance, medical schools should offer support to the student alongside the fitness to practise process.

Drug and Alcohol Abuse amongst Anaesthetists
Guidance on Identification and Management

es and outside ness to practise he should also be ave been put in



GMC?

 You become aware through office chat that a trainee sometimes uses cannabis at weekends (away from work). You have no performance or behavioural concerns about this trainee...



GMC?

 You become aware through office chat that a trainee sometimes uses cannabis at weekends (away from work). You have no performance or behavioural concerns about this trainee...

What about... Cocaine? Or MDMA?
Or instead of sometimes... Often? Or Always?







How do we support trainee and colleagues?



Creating a Learning Friendly Work Environment

- Moore and Kuol (2007) analysed students' recollections of excellent teaching; these included interest, positive affect, humour, fun, enjoyment, enthusiasm, commitment, dedication and compassion.
- 'who a teacher is with their students' was more relevant in the recollection of good learning experiences than 'what a teacher does with his/her subject'.



 Trainees are new to team working and may be overwhelmed by 'organisational' environment:

As organisational members, we learn to collaborate, influence, negotiate, motivate, and achieve results through our interaction with others, all of which can be highly charged with emotion (Turnbull, 2000).

 They need support in understanding team dynamics/multi-disciplinary working.



Preventing Stress for Junior Doctors

- Increasing supervision of a new doctor at the beginning of the posting (August/Feb!)
- Not allowing trainees to become sleep deprived/to come to work if unwell
- Ensure juniors have time to discuss challenging cases and de-brief when necessary
- Ensure that juniors have a work-life balance and encourage support outside work



Supervision

- McKimm (2009) suggests building in 10 minutes of 'talk time' at the beginning or end of supervision.
- Trainee is invited to talk about any personal issues that may be causing concern.
- This approach acknowledges and validates the interplay between 'work' and 'life'.



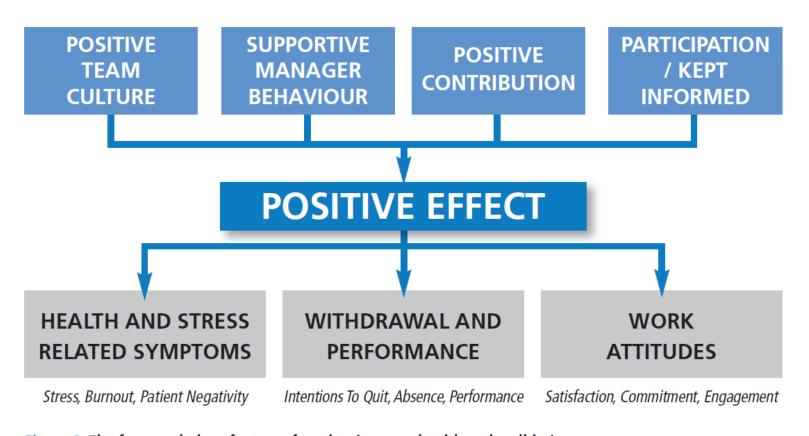


Figure 3: The four workplace features found to improve health and well-being



Prognosis...

Data from PHP:

- Excellent rates of recovery when in treatment
- High rates of abstinence from substance misuse (80%)
- 80% return to work
- Bipolar 75% (25% at presentation)





