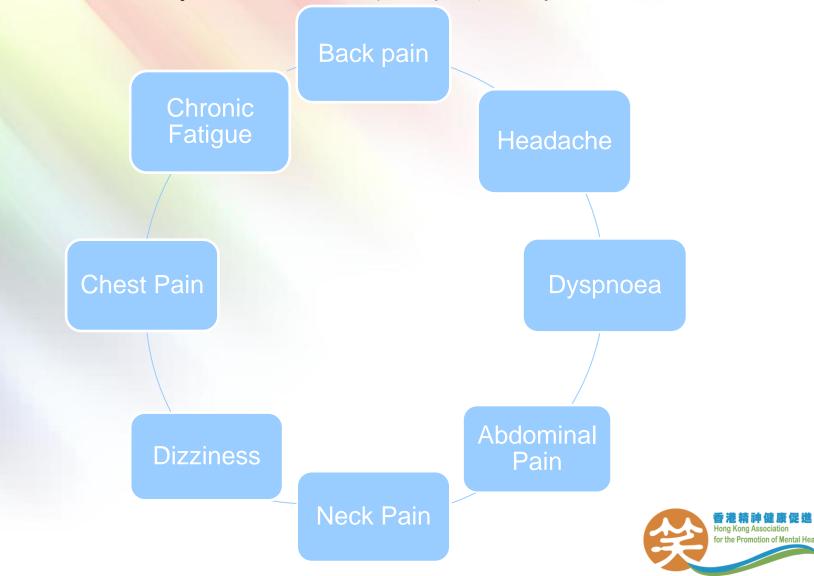
精神病的軀體化症狀 Somatic Presentation Of Psychiatric Disease

身體型疾患(身心症) Somatoform Disorder

Anxiety Disorders (焦慮症) Mood Disorders(情緒病)



Common Somatic Symptoms 常見的驅體化症狀



	the second se	and the second		and the second sec				
	評估患情緒病風險 PHQ-15 問卷 在過去一個月,你有多大程度受到以下問題困擾?							
	身體症狀		少少 困擾	非常 困擾				
	1. 胃痛或肚痛							
	2. 背痛							
	3. 手臂、腳、或膝頭、手腕等關節痛							
	4. 頭痛							
	5. 胸口痛							
	6. 頭暈							
	7. 短時間暈倒							
	8. 感覺心跳很快或跳得很厲害							
	9. 氣促							
	10. 便秘、肚屙、或大便稀爛							
	11. 反胃、胃氣脹、或消化不良							
	12. 疲勞或缺乏動力							
	13. 睡眠問題,例如難以入睡、早醒等							
1	14. 性行為時候覺得痛或有關問題							
	15. 經痛或其他月經問題 (只供女士作答)							
	香港健康情緒中心的調查顯示,若 在以上15項身體症狀中,有3項表 示「非常困擾」,患上情緒病的風 險便較全港平均風險(約10%) 增加4.3倍。若有5項表示「非常 困擾」,風險則增加8.9倍	R						
	中大香港健康情緒中心			~				



- Most frequent cause of outpatient visits (很普遍的)
 - 400 million visits annually in US
 - 20% of consultations in UK
- Chronic in approximately 25% of patients 5 years after initial visit (長期性的)
- Exact medical diagnosis often not established, & one third of symptoms medically unexplained

Schappert. Vital Health Stat 1992; 13(110). Kroenke & Price. Arch Intern Med 1993; 153:2474-2480. Peveler Et Al. J Psychosom Res 1997; 42:245-253. Jackson & Passamonti. Arch Intern Med 2001;161:875-879.



Prevalence 疾病盛行率

- Very common at the primary health care delivery level in many countries, as high as 30.3% 在基層醫療層面非常普遍 (fink et al, 1999 psychosomatics, 40. 330-338)
- In early days, very low prevalence in the general population, about 0.38% in a sample of 3,798 persons (swartz, et al, 1986 am J psychiat, 143, 1403-1408) 從前不受關注
- Often missed (by primary care doctors) despite thorough investigations & no explainable physical condition & not due to anxiety or depressive disorders; often labeled as "the worried well", resulting in delayed/inappropriate diagnosis & investigations, treatment & care 好多時被忽略
- (Goldberg D (1990) in ref. Psychological disorders in general medical settings by N sartorious et al (eds). Hogrefe & huber, bern. Pp.139-145)



Prevalence In General Practice 疾病盛行率 (全科 / 家庭醫學)

- A 2-stage prevalence study in the Netherlands (2000/2001) on 1046 GP patients (aged 25-80), first by screening questionnaire, then by HADS (Hospital Anxiety & Depression Scale) & Physical Symptom Checklist followed by a standardized diagnostic interview using WHO's Schedules for Clinical Assessment in Neuropsychiatry (SCAN)
- Prevalence: 16.1% (undifferentiated form most common), but 21.9% if mild impairment cases included;
- comorbid with anxiety/depressive disorders 3.3 times than by chance, where physical symptoms, depressive symptoms & functional limitations were additive (measured by SF-36)

Ref; Waal et al (2004) Br J Psychiat, 184, 470-476



Somatization 症狀驅體化

- The tendency to experience & communicate psychological distress in the form of physical symptoms and to seek medical help for them (Lipowski, 1987 Am J Psychiat., 145, 1358-1368)
- About 80% of healthy individuals experience somatic symptoms in any one week; and
- A large part of the doctors' time is spent investigating & treating somatizing patients (kellner, T. Somatization & Hypochrondriasis. New York, NY: Praeger, 1986)
- Causes sufferings, burden to community



Type Of Pain 痛的類型

- Pain can be differentiated by duration, origin and intensity
- Origin of pain
 - Neuropathic 神經性: in an area of damaged nervous system (allodynia) e.g. burning, shooting;
 - Peripheral e.g. post-herpetic neuralgia, diabetic neuropathy,
 - Central e.g. MS, Parkinson, spinal cord injury
 - Nociceptive (刺激物) 造成傷痛的;對疼痛起反應的
 - e.g. fibromyalgia, LBP, RA & OA pain
 - Visceral 內臟的
 - e.g. stone pain, ulcer pain, angina, endometriosis, IBS, etc
 - Combined e.g. cancer pain, migraine, labour, post-op etc.



Psychological Burden Of Pain 痛的心理影響

- <u>生理 Affect appetite, sleep</u>, libido, energy
- 心理 Helplessness, anxiety, depression, suicidal
- 功能 Poor QOL & impaired social functioning
- 社交 Social isolation, prone to other diseases or injuries (accidents)
- Affect relatives & others



Severity Of Presentation 嚴重程度

- Acutely serious: <5% of patients (Chest pain, dyspnoea, abdominal pain)
- Minor & self-limited: 70-75%
- Persistent (either chronic or recurrent):20-25%

Ref: Kroenke, K (2003) Int J Methods in Psychiat Res, 12, 36-43



Different Definitions For Somatization 驅體化症狀不同的定義

- Those who have psychological disorders but present with somatic symptoms (Goldberg & Bridges, 1988, J Psychosom Res, 32, 137-144)
- Those who present with psychological disorders as well as medically unexplained somatic symptoms – somatosensory amplification (Barsky, 1992 Psychosomatics, 33, 28-34)
- Those who deny having psychological disorders but substitute with somatic symptoms – the inability to express feelings or alexithymia (Lesser 1985, N Eng J Med, 312, 690-692)



Clinical Diagnoses For Somatic Symptoms 軀體化症狀-各種臨床診斷

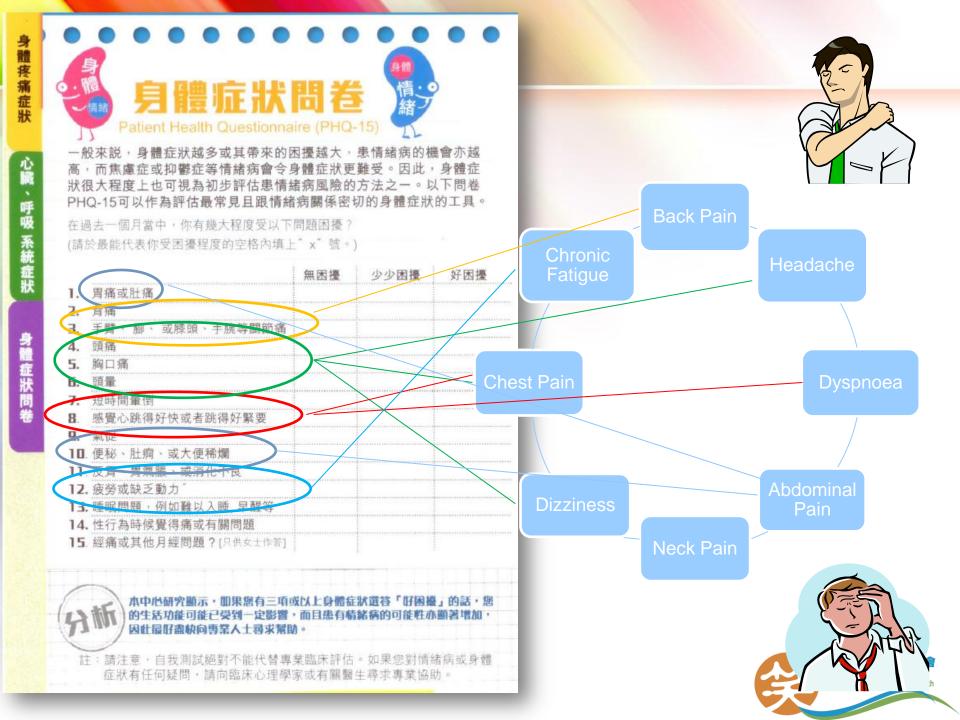
- Genuine (真正的), but undiagnosed physical diseases
- Somatoform disorders 身體型疾患(身心症)
- Underlying anxiety disorders (焦慮症)
- Underlying mood disorders (抑鬱症)

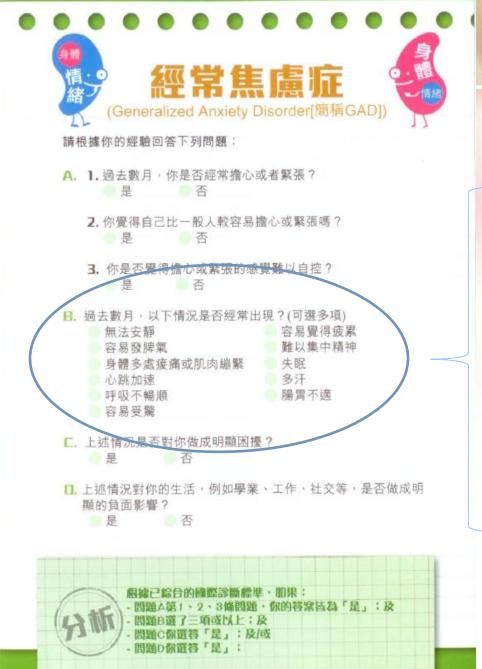
 Factitious (人為虛構的) disorder e.g. Munchausen Syndrome

Wessely. Et al. Lancet 1999; 354: 936-939

The Diagnostic and Statistical Manual of Mental Disorders (DSM-IV-TR), describes seven disorders under the category of somatoform disorders.

- 1. Somatization disorder,
- 2. <u>Undifferentiated somatoform</u> disorder ,
- 3. Conversion disorder,
- 4. Pain disorder,
- 5. Hypochondriasis,
- 6. Body dysmorphic disorder ,
- 7. And somatoform disorder not otherwise specified.
- Repeatedly acts as if he or she has a physical or mental disorder when, in truth, he or she has caused the symptoms
- Get the sympathy and special attention
- A mental illness associated with severe emotional difficulties

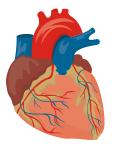




那麼,你可能已經患上經常焦慮症,建議你盡快向專業 人士尋求評估。

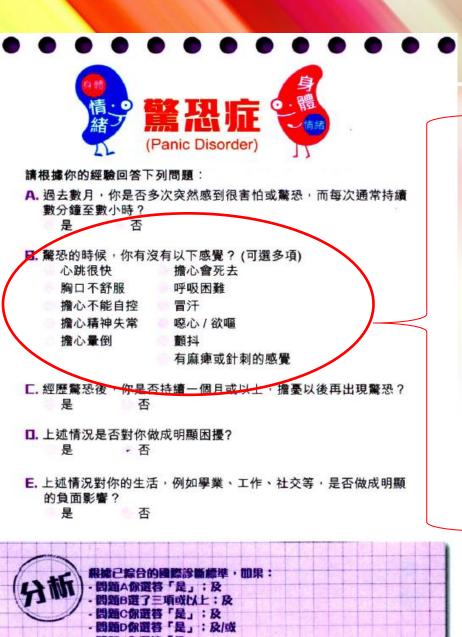
身體的症狀 Somatic Symptoms

- Pain
- Muscle Tightening
- Palpitation
- Dyspnea
- Fatigue
- Insomnia
- Sweating
- Dyspepsia









離慶・你可能已經患上驚恐症・建議你審納向專業人士尋求評估

Somatic Symptoms 身體的症狀 Palpitation Chest Discomfort Dizziness Dyspnea Sweating Nausea •Tremor Numbness





請根據你的經驗回答下列問題:

- A. 過去兩個星期,你是否幾乎每日大部分時間,都感到情緒低落或難以開心?
 是 否
- B. 過去兩個星期,你是否幾乎每日大部分時間,都對任何事情都提不起興趣, 或者沒有動力做事?
 - 🗧 📒 🗧 🗧
- 過去兩個星期,你是否經常出現以下情況?(可選多項)
 食慾改變,如胃口變差或過量進食
 失眠或睡眠素質差
 說話或行動變得比平日緩慢,或坐立不安
 容易疲累
 難以集中精神
 自信心下降,或責怪自己
 有不想生存或自殺的念頭
 上述情況是否對你做成明顯困擾?
 是
 否
 E. 上述情況對你的生活,例如學業、工作、社交等,是否做成明顯的負面影響?
 是
 否

船麼,你可能已經患上抑鬱症,建議你盡快向專業人士尋求評估

問題D你選答「是」:及何

- Somatic 身體的 symptoms症狀
- Fatigue

症自我測

- Insomnia
- Associated Anxiety
 Symptoms



身體型疾患(身心症) Somatoform Disorder

身體型疾患 (身心症) Somatoform Disorder

- 「身心症」這個名詞多數人或多或少曾經聽聞過
- 其臨床表現是以莫名的身體疼痛、腸胃不舒服、 心悸或胸悶、假性神經症狀、倦怠無力、麻痺、 吞嚥困難等為主要症狀。
- 個案雖然身體很不舒服,但是檢查結果卻是正常, 經常令人覺得十分委屈,有苦說不出
- 這些患者經常是一家醫院換過一家醫院,<u>到處求</u>
 - 診,卻仍然無法解除身心的病痛。



Clinical Picture 臨床要點

- Mono or poly symptomatic
- Doctor-shopping
- Excessive investigation or treatment
- Extraordinary complaints
- Deny psychological causation
- Disabilities

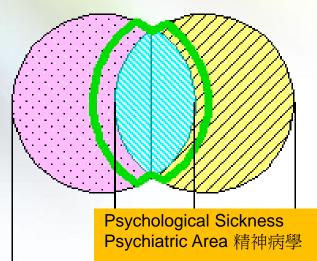


Synonyms 症狀

- Psychosomatic (身心的) disease
- Hypochondriacal disorder (身心機能失調)
- Hysterical (歇斯底里的) disorders
- Functional (功能性的) somatic symptoms (軀體化症狀)
- Medical unexplained symptoms



心身不能分開 身體型疾患(心身症) Somatoform disorder



Physical Sickness

Medical Care 內科醫學



Somatoform Disorder

Field Of Psychosomatic Medicine 心身醫學

> 香港精神健康促進會 Hong Kong Association for the Promotion of Mental Health

心身症的定義 心身症包含兩大類

- 第一類為有明顯身體不 適的症狀,但是卻沒有 器官上病理變化的情況
- 其身體症狀的出現、起 伏,與心理狀況、環境
 壓力、社會人際互動關
 係等密切相關
- E.G. 緊張性頭痛、心因 性疼痛、過度換氣症候 群、心因性嘔吐、緊張 性胃腸症候群

• 第二類為有器官上的病理 變化

- 症狀的開始、惡化、緩和 等演變,仍深受心理狀況、 環境壓力、社會人際互動 關係等的影響
- E.G. 冠狀動脈疾病、高血壓、 氣喘、偏頭痛、消化性潰 瘍、皮膚搔癢症、類風溼 性關節炎、甲狀腺機能亢 進、潰瘍性結腸炎

Overlap between Chronic Multi-symptom Illnesses

FIBROMYALGIA 2 - 4% of population; widespread pain and tenderness

EXPOSURE SYNDROMES Gulf War Illnesses, Sick Building Syndrome MULTIPLE CHEMICAL SENSITIVITY symptoms in multiple organ systems in response to multiple substances

> CHRONIC FATIGUE SYNDROME 1% of population; fatigue and 4/8 "minor criteria"

SOM AT OFORM DISORDERS 4% of population; multiple unexplained symptoms but no organic findings



Co-morbidities共病

- Anxiety disorders
- Mood disorders
- Alcohol or drug abuse
- Personality disorders





Somatic Symptoms & Anxiety Disorders 驅體化症狀與焦慮症

- Insomnia:35%
- Chest pain: 33%
- Abdominal pain:31%
- Headache: 28%
- Fatigue: 26%

Ref: Kroenka et al Arch Fam Med, 3, 774-779



Somatic Symptoms & Anxiety Disorders 驅體化症狀與焦慮症

- 45-95% of depression patients report only somatic symptoms (especially at centers lacking ongoing relationship with doctors (cf to walk-in clinics)
- 50% reported multiple unexplained somatic symptoms
- 11% denied psychological symptoms on questioning
- Ref. Simon et al (1999) New Eng J Med, 341, 1329-1335



Life-time Prevalence In HK 一生疾病盛行率(香港)

- Hong Kong: life-time prevalence in community 0.46% (chen et al)
- Male 0.17% : female 0.29%
- Increase with age, especially female
- ?under-rated
- More prevalence in primary care setting?



Aetiologies 病原學

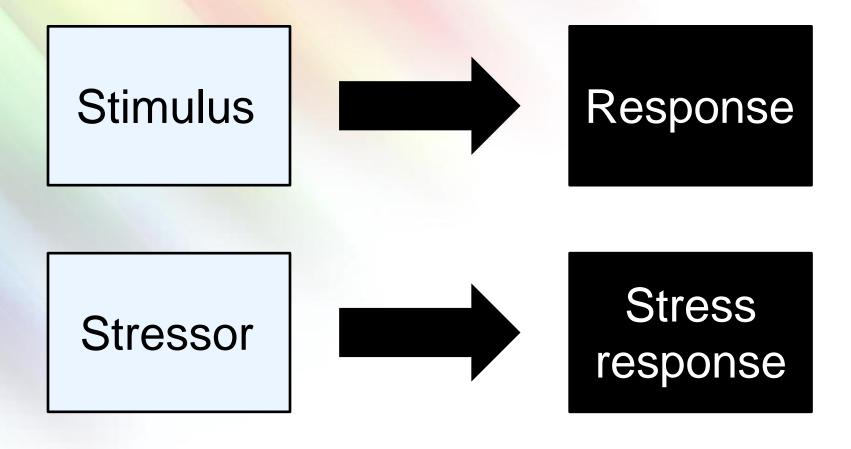
Genetic

- No obvious evidence
- Psychological
 - Projection (onto bodily parts)
 - Symbolic meanings
 - Identification with others
 - Vulnerable personality





What Is Stress? 甚麼是壓力





性格、思想 Personality Core belief

認知、情緒 Cognition, Emotion

壓力 Stress

- Acute / chronic system
- Life stress
- Special and
 Traumatic
 特殊壓力與創傷事件

自律神經系統 Autonomic nervous

- 交感神經
 - 副交感神經

壓力與自律神經系統

之交互影響

交感神經

• 使瞳孔放大

毛髮豎立





- 心跳加快
- 心臟的血液輸出量增加
- 內臟血液重新分佈到骨 骼肌肉群
- 腸胃蠕動的減緩
- 血壓升高
- 周邊血管收縮
- 每分鐘呼吸流量增加
- 腎上腺素分泌增加

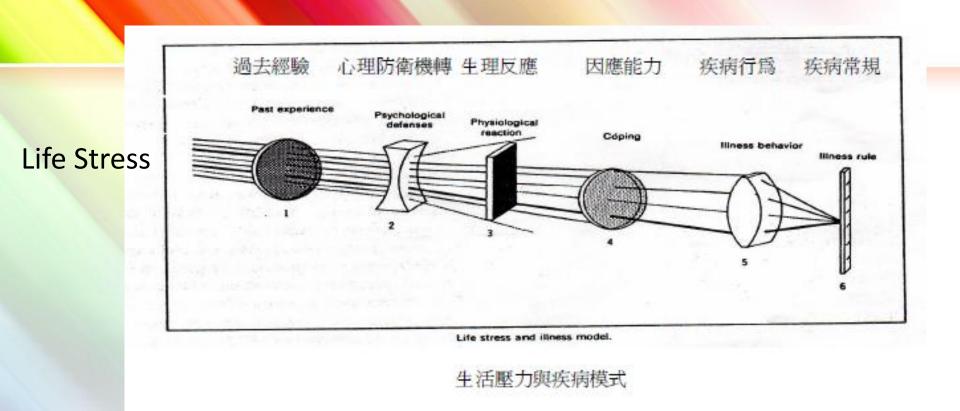
副交感神經

- 具有與上述交感神經作
 用相反的功能外
- 促進消化腺分泌的作用「整備神健」。

特殊壓力與創傷事件

- 高學業成就期待的壓力
- 夫妻嚴重衝突
- 家庭暴力、虐待、父母分離





上述觀念模式,主要是解釋身心疾病的發生不僅與生活壓力大小相關,亦 與個人的認知與壓力承受能力有關。



生活壓力事件的	
測量與量化(1)	

• 生老病死

- 悲歡離合
- 成敗得失

Population Aging

跨年代生活事件改變量表(Life-Change Scaling Results Across Time+)

	1967		1	978	1994	
	次序	LCU	次序	LCU	次序	LCU
生活事件						
配偶死亡	1	100	1	105	1	123
離婚	2	73	4	62	2	100
夫妻的分居	3	65	8	52	4	82
牢獄之災	4	63	6	57	7	74
家族近親死亡	5	63	2	73	3	94
個人身體有重傷害或疾病	6	53	16	42	5	80
結婚	7	50	10	50	19	50
被解雇	8	47	3	64	6	79
夫妻間的調停、和解	9	45	17	42	12	59
退休	10	45	11	49	16	55
家庭成員的健康狀況不好	11	44	9	52	14	58
懷孕	12	40	5	60	9	66
性困擾	13	39	12	49	21	45
家中有新成員產生(嬰兒)	14	39	14	47	13	58
職業上的再適應	15	39	21	38	10	64
財務狀況的變動	16	38	13	48	15	57
好友死亡	17	37	15	46	8	71
轉變行業	18	36	22	38	17	52
與配偶爭吵次數有變動	19	35	24	34	18	51





- <150 LCU / year
- normal within 1 year
- 150-300 LCU / year
- 50% has stress related illness
- >300 LCU / year
- 70% has stress related illness

負債未還、抵押被沒收	20	31	18	39	23	44
設定抵押或借債	21	30	7	57	11	63
工作責任的變動	22	29	32	30	24	43
子女離開家門	23	29	36	29	22	45
與姻親有相處上的困擾	24	29	34	29	28	38
個人有傑出成就	25	28	25	33	27	39
配偶開始或停止工作	26	26	23	37	20	48
開始上學或停止上學	27	26	28	32	29	38
社會地位的變動	28	25	19	39	25	42
個人習慣的修正	29	24	31	31	36	27
與上司有所不和或衝突	30	23	20	39	32	30
工作時數的變動	31	20	27	33	31	36
居住處所的變動	32	20	26	33	26	40
就讀學校的變動	33	20	39	28	30	36
娛樂、消遣活動的變動	34	19	30	30	34	28
教堂活動的變動	35	19	35	29	42	22
社交活動的變動	36	18	40	28	38	27
較輕微的財務損失	37	17	42	26	35	28
睡眠習慣的改變	38	16	31	31	40	26
家庭成員總數的改變	39	15	41	26	39	27
進食習慣的改變	40	15	38	29	37	27
假期	41	15	37	29	41	25
聖誕節	42	12	43	11	33	30
違反交通規則	43	11	29	32	43	22

註:LCU-Life change unit (生活事件改變單位)



Management 治療

- Aim: to improve overall functioning
 Not for a cure
- Good doctor-patient relationship
 To curb doctor-shopping
 - To curb doctor-shopping
- Brief regular appointments
 Avoid prn follow-up methods



Each Clinic Consultation



- Concentrate on the complaint
- Exclusion of genuine physical condition
- Avoid unnecessary tests or procedures (but functional imaging might be useful)
- Physical examination can be therapeutic
- Reassurance, not confrontation
- Treat underlying psychiatric condition



Support and Rapport 支持與和睦

- Not 'imaginary symptoms or illness'
- "I have heard your concern, and I take it must be quite distressful to you"
- "Though I do not find anything significant so far, I want to follow you closely to be sure that nothing changes"



Reattribution Model

- Feeling understood 了解病人/同理心
 - Full history of the symptom
 - Exploring health beliefs
 - Exploring family & social factors
 - Focused brief physical exam
- Changing the agenda切入點
 - Acknowledge the reality of the symptoms
 - Summarize physical findings
 - Reframe the complaints by reminding psychological symptoms & linking to life events



Continued. 延續

- Making the link 連繫生理和心理
 - Explanation how psychiatric disorders can cause or exacerbate symptoms
 - Practical demonstration of symptoms
 e.g. muscle tension causing pain
 - Relating symptoms to life events & other psychosocial factors

Ref: Goldberg, DP, Gask L & O'Dowd T (1989) J Psychosom Res 3, 689-695; Kaaya et al (1992) Med Educ, 26, 138-144



Pharmacotherapy藥物治療

- Placebos, dietary changes, analgesics?
- Benzodiazepams
 - For associated anxiety & muscle relaxant
 - Beware of dependency
- Anti-depressants, esp. SNRIs
 - For associated depression and pain (including IBS)
- Anticonvulsants
 - Esp. for pains e.g. gabapentin



5HT-NE Medications

- SNRIs e.g. Duloxetine can have inherent analgesic properties. Demonstrate significantly greater improvement in overall pain, back pain & shoulder pain cf with placebo, quite independent of depression (Fava et al, 2004 J Clin Psychiat, 65, 521-530)
- However, citalopram (pure 5HT) improved pain but not Reboxetine (pure NE) (Aragona et al, 2005 Eur J Pain, 9, 33-38)



Psychotherapy 心理治療

- Psycho-education:
 - Stress-disease model (link symptoms to life events)
 - Physiological explanation of symptoms (an autosuggestive disorder
- Specific therapies:
 - Psychoanalysis difficult
 - Cognitive-behavioural to correct thinking
 - Avoid reinforcing abnormal illness behaviour
- Group therapy, biofeedback, hypnosis, etc





類似寫日記的方式將每日自認最特殊的生活壓力與情緒事件,例如與配偶 或同事爭吵;內在壓力如慢性疼痛,甚至天災等依「先前事件」,「行為」及「結 果」的方式逐一紀錄。舉例如下表:

先前事件	壓力評値	行爲	結果
(簡單描述壓力	0:不在意	(對此事件的反應)	
事件)	100:前所未有		
	的壓力事件		
與工作夥伴爭	評値 = 60	想法:常有的人際關係及溝通上的困	漸漸能控制
吵:早上晨間會		難,因彼此想法差異頗大而激烈	自己的情
議時與同事協		爭吵	緒,慢慢再
同處理某一計		感覺:生氣,挫折感,焦慮	找出其他或
劃案,因理念 不		生理反應:脖子、 <mark>肩膀酸</mark> 痛	許彼此都能
合發生激烈爭		行爲:激烈爭吵後回到辦公室敲桌子之	接受的折衷
吵		後在座位上喝口水讓自己平靜	方案



1. 讓個體了解平時未注意到的行為

- 2. 讓個體理解到他的認知行為模式是如何構成, 理解整個過程的前因, 後果間的連結
- 3. 思考如何改變行為而發展出更好的壓力管 理模式







Social Therapy 社交治療

- Handling stressors
- Family, marital or relational therapies
- Rehabilitation with change of social circumstances
 - Workshops
 - Activity centres
 - Supported employment, etc.



Importance of GPs In Management 前線/家庭醫生的角色

- Gatekeepers in detecting psychiatric disorders
- Avoid unnecessary stigma
- Good doctor-patient relationship discourage patients from doctor-shopping
- Knowledgeable to rule out genuine physical disorders by physical exam & appropriate investigations
- Ability to manage simple somatic problems
- NB consult or prepare patient for specialist referral when response is not satisfactory



Treatment Recommendations

治療見議

- <u>Schedule regular</u>, frequent appointments even if the patient feels well
- <u>Make maintenance of care</u>, not cure, <u>the goal</u> of treatment
- Evaluate the patient for other psychiatric disorders
- Make follow-up visits brief & structured
- Emphasize improving functional abilities
- Introduce the ideas of stressors
- Setting limits if attention seeking

Ref: Gliatto et al (2005) Psychiatry for primary care practitioners. APA





- Somatic symptoms and functional somatic syndromes are
 - Associated with significant disability and distress
 - Poorly understood
 - Difficult to treat
 - Place a considerable burden on health care resources



Conclusion 總結 - 2

- Treatment and management requires a stepped approach
 - Eliminate possible diagnosable medical disease
 - Understand underlying stressors
 - Good doctor-patient relationship (reassurance)
 - Screen for depressive or anxiety disorders
 - Rule out other psychiatric disorders
 - Provide appropriate treatment



To heal or to harm?治療或傷害

- Somatoform disorder have been described as "one of the most controversal & Challenging areas of modern psychiatry" (Maj et al. Somatoform Disorders. Chichester: Wiley, 2005)
- The general practitioner has important roles in the prevention of "somatic fixation"... but the G.P.'s behaviour can also promote processes of "somatic fixation" (Richard Grol, London. R.C.G.P.)



嘗試感受他人眼中的世界

身心不能分開





Prognosis 預測

- Fluctuates with time
- Usually runs a chronic course
- A few remissions lasting a year or so; in primary care the disorder resolve in about half of the cases over a year (Creed & Barsky, 2004 J Psychosom Res, 56, 391-408)
- New symptoms at recurrences, and a change from somatic to psychological attribution has been associated with better outcome





- Do not discharge patient
- Prepare for referral if needed
- Initial close follow-up
 - Gradual lengthening of interval
 - From once/2wks to once/3months
 - Then ? P.r.n.





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