

# La pleine conscience... en 45 min

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## Plan

### Mon parcours

#### La relation entre corps et mental

- La réaction au stress
- Impact des émotions & des pensées

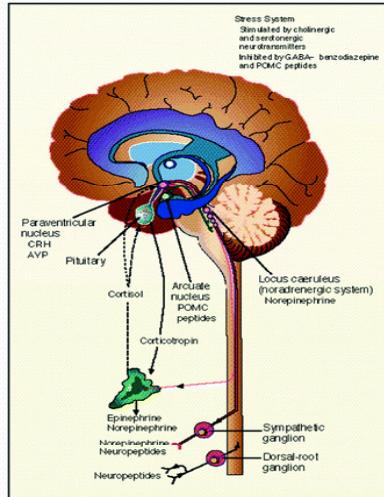
#### La pleine conscience

- Définition
- Le programme MBSR sur 8 semaines

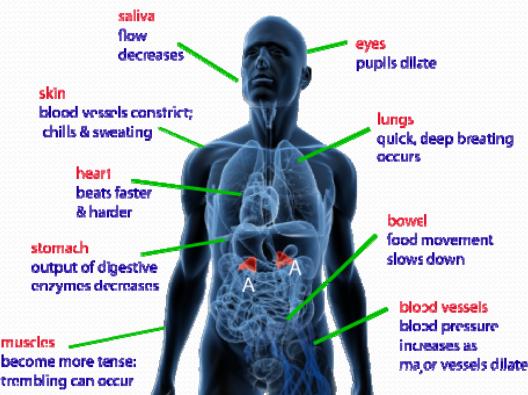
#### La pleine conscience pour le médecin



## La Physiologie du stress



## « Fight or Flight »



Le stress est essentiel  
pour notre survie



Après le stress, la pause...



Mais...



En plus...

Relation entre des émotions et des pensées  
négatives et les réactions corporelles

- Agressivité, anxiété: Catécholamine
- Dépression, sentiment d'impuissance, tristesse:  
Cortisol



# La théorie de deux flèches



1. Facteur stressant externe



2. Composante affectivo-émotionnelle et cognitive



## L'antidote face au stress: La Relaxation

« Reduced Sympathetic Nervous System Responsivity associated with the Relaxation response »

Herbert Benson

*Est-il toujours possible de se relaxer?*



## A Wandering Mind Is an Unhappy Mind

Matthew A. Killingsworth and Daniel T. Gilbert

Ulike other animals, human beings spend a lot of time thinking about what is not happening around them. "Are you wondering what happened in the past, might happen in the future, or will never happen at all. Indeed, "wondering" includes thoughts or "mind wandering" similar to those that have been studied in the context of depression (1). Although this ability is a remarkable evolutionary adaptation that allows people to plan and act in their environment, many philosophical and religious traditions teach that happiness is to be found by living in the moment, and practitioners are trained to make people aware of the here-and-now. These findings suggest that a wandering mind is an unhappy mind. Are they right?

Labiale experiments have provided a great deal about the cognitive and neural basis of mind wandering in the laboratory, but little about its emotional consequences in everyday life. The most reliable method to study mind wandering in everyday life is experience sampling, which involves contacting people as they engage in their everyday activities and asking them to report their thoughts, feelings, and actions (2). Using this approach, we collected real-time reports from large numbers of people as they go about their daily lives in an cumbersome and costly manner. This approach has previously been used to investigate the relationship between mind wandering and happiness and has always been limited to very small samples (3, 4).

We recently developed a new mobile phone application for the iPhone (Apple Incorporated, Cupertino, California), which we used to create an unusually large dataset of real-time reports of everyday activities and the thoughts and feelings of people as they went about their daily activities.

The application contacts participants through their iPhones at random moments during their voluntary participation and asks them to answer a few questions about what they were doing and records their answers to a database at www.mindwandering.org. The dataset currently contains 22,500 reports from 1 million samples from about 5000 people from 13 different countries who range in age from 18 to 88 and who collectively represent every one of 16 major occupations.

To find out how often people made wands what topics they wonder in and how those wands are related to their mood, we analyzed data from 2250 adults (50% men, 70% female) from the United States (mean age of 34 years) who were randomly assigned to answer a happiness question ("How happy are you right now?") on a continuous sliding scale from very bad (0) to very good (100), an activity question ("What are you doing right now?") answered by choosing one or

more of 22 activities adapted from the day reconnection measure (10, 11), and a mind wandering measure. "Are you wondering about something that happened in the past, might happen in the future, or will never happen at all?" (see Fig. 1, bottom). Although negative moods are known to cause mind wandering (12), sense-of-loss analyses strongly suggested that negative words in our questions were more likely to elicit a mind-wandering response, particularly the moment and not merely the consequence, of unhappiness (12).

Then, what were people thinking and how happy were they when they were not mind wandering? The nature of people's activities explained 4.6% of the within-person variance in happiness and 1.7% of the between-person variance in happiness. These results suggest that the nature of people's activities had only a modest impact on whether they were mind wandering and on the overall pleasure of the region in which their minds wandered (12).

Second, mind-wandering research has posited that people like their minds more when they are not mind wandering than when they were (slope =  $b = -0.79$ ,  $P < 0.001$ ), and this was true during all activities



Fig. 1. Mean happiness reported during each activity topic and while mind wandering to unpleasant topics, neutral topics, pleasant topics or not mind wandering. The size of the bubbles indicates the mean of happiness across all samples. Bubble area indicates the frequency of occurrence. Bubble color indicates the frequency of occurrence. The largest bubble corresponds to neutral topics (53.1% of the sample), and the smallest bubble ("trouvez votre prochain rendez-vous") corresponds to 0.1% of the samples.

and regardless of the nature of the activity. In other words, people like their minds more when they are not mind wandering.

Third, mind-wandering research has posited that people like their minds more when they are not mind wandering.

Fourth, mind-wandering research has posited that people like their minds more when they are not mind wandering.

References and Notes

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Supporting Online Material

[www.pnas.org/lookup/suppl/doi/10.1073/pnas.0302053100/figs](http://www.pnas.org/lookup/suppl/doi/10.1073/pnas.0302053100/figs)

Materials and Methods

Tables S1–S3

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Editor's Summary

J. C. Wright, V. K. Ramamurti, for exploring how people's minds wander and how it relates to their well-being.

M. J. Kerns, A. K. Fugate, and J. R. Knight for helpful comments.

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## La pleine conscience comme traitement en amont

Interrompre le cercle vicieux entre les facteurs Stressant externes et nos réactions, induisant ainsi une modification de nos facteurs internes de stress (émotions, pensées automatiques et négatives)



## Clip: The monk and the flies



## La pleine conscience= «mindfulness»

**Définition:** Etre dans l'instant présent

- Sans jugement
- Sans attentes
- Sans filtre
- Avec bienveillance



## Le programme MBSR -1

- Développé par Jon Kabat Zinn à l' Université de Massachusetts en 1979
- Depuis la fondation :  
19.000 personnes ont participé au programme à la clinique de réduction de stress de UMass



## Le programme MBSR -2

- Un programme laïc
- 2.5 h par semaines pendant 8 semaines et 1 journée de « retraite »
- Apprentissage de la PC avec:
  - exercices formels: méditation, balayage corporel, yoga
  - exercices informels: manger, faire le ménage en PC...



# Le programme MBSR -3

## Indication

- Stress
- Hypertension artérielle, Maladies CV
- Maladies/symptômes chroniques  
(asthme, céphalées, douleurs, ...)
- Cancer
- Maladies psychiatrique (anxiété, dépression, addictions)
- Troubles de sommeil
- Fibromyalgie
- ...



UNLESS THE MOMENT IS UNPLEASANT,  
IN WHICH CASE I WILL EAT A COOKIE



# Le programme MBSR -4

## Contre-indication

- Toutes maladies psychiatriques en phase aigue
- Des patients souffrant de PTSD
- Des personnes attendant la «pilule magique» sans engagement.



Clip: Matthieu Ricard



# RESPIREZ

# Mindfulness et les médecins

## L'écoute empathique

Being empathic means:

"To be with another in this way means that for the time being you lay aside the views and values you hold for yourself in order to enter another's world without prejudice.."

Carl Rogers

“...Mindfulness is paying attention, in a  
Particular way, with intention, *in the present*  
moment and *without judgment...*”

Kabat-Zinn, 1990

Mindfulness- un outil pour être un médecin à l'écoute

# Le challenge d'être médecin



## Association of an Educational Program in Mindful Communication With Burnout, Empathy, and Attitudes Among Primary Care Physicians

Michael S. Krasner, MD

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Howard Beckman, MD

Anthony L. Suchman, MD, MA

Benjamin Chapman, PhD

Christopher J. Mooney, MA

Timothy E. Quill, MD

**P**RIMARY CARE PHYSICIANS REPORT ALARMING LEVELS OF PROFESSIONAL AND PERSONAL DISTRESS. UP TO 60% OF PRACTICING PHYSICIANS REPORT SYMPTOMS OF BURNOUT,<sup>1-4</sup> DEFINED AS EMOTIONAL EXHAUSTION, DEPERSONALIZATION (TREATING PATIENTS AS OBJECTS), AND LOW SENSE OF ACCOMPLISHMENT. PHYSICIAN BURNOUT HAS BEEN LINKED TO POORER QUALITY OF CARE, INCLUDING PATIENT DISSATISFACTION, INCREASED MEDICAL ERRORS, AND LAWSUITS AND DECREASED ABILITY TO EXPRESS EMPATHY.<sup>2,5-10</sup> Substance abuse, reasonable accidents, stress-related health problems, and marital and family discord are among the personal consequences reported.<sup>4,8-10</sup> Burnout can occur early in the medical education process. Nearly half of all third-year medical students report burnout<sup>11,12</sup> and there are strong associations between medical student burnout and suicidal ideation.<sup>13</sup>

**Context** Primary care physicians report high levels of distress, which is linked to burnout, attrition, and poorer quality of care. Programs to reduce burnout before it results in impairment are rare; data on these programs are scarce.

**Objective** To determine whether an intensive educational program in mindfulness, communication, and self-awareness is associated with improvement in primary care physicians' well-being, psychosocial distress, burnout, and capacity for relating to patients.

**Design, Setting, and Participants** Before-and-after study of 70 primary care physicians in Rochester, New York, in a continuing medical education (CME) course in 2007-2008. The course included didactic training, self-awareness exercises, narrative medicine, meaningful clinical experiences, appreciative interviews, didactic material, and discussion. An 8-week intensive phase (2.5 h/wk, 7-hour retreat) was followed by a 10-month maintenance phase (2.5 h/mo).

**Main Outcome Measures** Mindfulness (2 subscales), burnout (3 subscales), empathy (3 subscales), psychosocial orientation, personality (5 factors), and mood (6 subscales) measured at baseline and at 2, 12, and 15 months.

**Results** Over the course of the program and follow-up, participants demonstrated improvements in mindfulness (raw score, 45.2 to 54.1; raw score change [I], 8.9; 95% confidence interval [CI], 7.0 to 10.8); burnout (emotional exhaustion, 26.8 to 20.0;  $\Delta = -6.8$ ; 95% CI,  $-4.8$  to  $-8.8$ ; depersonalization, 8.4 to 5.9;  $\Delta = -2.5$ ; 95% CI,  $-1.4$  to  $-3.6$ ; and personal accomplishment, 40.2 to 42.6;  $\Delta = 2.4$ ; 95% CI, 1.2 to 3.6); empathy (116.6 to 121.2;  $\Delta = 4.6$ ; 95% CI, 2.2 to 7.0); physician belief scale (76.7 to 72.6;  $\Delta = -4.1$ ; 95% CI,  $-1.8$  to  $-6.4$ ); total mood disturbance (33.2 to 16.1;  $\Delta = -17.1$ ; 95% CI, 1.1 to  $-23.2$ ); and personality (conscientiousness, 6.5 to 6.8;  $\Delta = 0.3$ ; 95% CI, 0.1 to 5.5; emotional stability, 6.5 to 6.8;  $\Delta = 0.5$ ; 95% CI, 0.3 to 0.7). Improvement in burnout were correlated with improvements in total mood disturbance ( $r = -0.39$ ,  $P < .001$ ), perspective taking/scale of physician empathy ( $r = 0.31$ ,  $P = .001$ ), burnout (emotional exhaustion and personal accomplishment subscales,  $r = -0.32$  and  $0.33$ , respectively;  $P < .001$ ), and personality factors (conscientiousness and emotional stability,  $r = 0.29$  and  $0.25$ , respectively;  $P < .001$ ).

**Conclusion** Participation in a mindful communication program was associated with short-term and sustained improvements in well-being and attitudes associated with patient-centered care. Because before-and-after designs limit inferences about intervention effects, these findings warrant randomized trials involving a variety of practicing physicians.

JAMA. 2009;302(12):1284-1293

[www.jama.com](http://www.jama.com)

## « Doctors' health matters »

**Table 1: Summary of the findings in Doctors' Health Matters – the work of the Doctors for Doctors Unit in supporting doctors and promoting wellbeing within the profession**

- Doctors are more likely to have significant psychological vulnerabilities.
- Doctors are more likely than the average person to suffer from one or more of 'the three Ds' – drugs, drink and depression, including suicide.
- Doctors tend to some degree of obsession. This 'level of conscientiousness' is often to the detriment of their own health needs.
- There is a culture of 'working through illness' and 'self-treating' in the medical community.
- International evidence suggests that doctors are at a higher risk than the general population of developing stress-related problems, depression, or suicide.
- Doctors have higher standardised mortality rates in respect of cirrhosis, accident and suicide.



Int J Psychiatry Med. 2012;43(2):119-28.

## A mindfulness course decreases burnout and improves well-being among healthcare providers.

Goodman MJ, Schorling JB.

University of Virginia School of Medicine, Charlottesville, USA.

### Abstract

**OBJECTIVE:** Healthcare providers are under increasing stress and work-related burnout has become common. Mindfulness-based interventions have a potential role in decreasing stress and burnout. The purpose of this study was to determine if a continuing education course based on mindfulness-based stress reduction could decrease burnout and improve mental well-being among healthcare providers, from different professions. **Design:** This was a pre-post observational study conducted in a university medical center. A total of 93 healthcare providers, including physicians from multiple specialties, nurses, psychologists, and social workers who practiced in both university and community settings, participated. The intervention was a continuing education course based on mindfulness-based stress reduction that met 2.5 hours a week for 8 weeks plus a 7-hour retreat. The classes included training in four types of formal mindfulness practices, including the body scan, mindful movement, walking meditation and sitting meditation, as well as discussion focusing on the application of mindfulness at work. The course was offered 11 times over 6 years. The main outcome measures were work-related burnout as measured by the Maslach Burnout Inventory and self-perceived mental and physical well-being as measured by the SF-12/2.

**RESULTS:** Maslach Burnout Inventory scores improved significantly from before to after the course for both physicians and other healthcare providers for the Emotional Exhaustion ( $p < 0.03$ ), Depersonalization ( $p < 0.04$ ), and Personal Accomplishment ( $p < 0.001$ ) scales. Mental well-being measured by the SF-12/2 also improved significantly ( $p < 0.001$ ). There were no significant changes in the SF-12/2 physical health scores.

**CONCLUSION:** A continuing education course based on mindfulness-based stress reduction was associated with significant improvements in burnout scores and mental well-being for a broad range of healthcare providers.

**Diminution de nombre de burn-out et amélioration du bien-être des soignants après avoir participer au cours MBSR.**



# Have a break !

## I. Pause

## II. Presence

## III. Proceed



# Etre présent



# Exercices guidés

- University of Rochester  
<https://www.urmc.rochester.edu/family-medicine/mindful-practice/curricula-materials/audios.aspx>
- Site francophone sur la pleine conscience en psychothérapie  
<http://www.cps-emotions.be/mindfulness/materiel-mindfulness.php>

# Conclusion

- La pleine conscience deviens de plus en plus importante dans notre vie contemporaine.
- Toute personne peut bénéficier du programme MBSR si elle est motivée.
- La pleine conscience peut être un outil précieux pour le médecin et dans la relation médecin-malade.
- **Respirez!**
- **Pause - Presence -Proceed**

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Merci pour votre  
attention ☺

[www.mindfulness-medicine.ch](http://www.mindfulness-medicine.ch)