Psychological interventions for difficult-to-treat depression†
Chris Williams and Nicola Ridgway

Summary
Mindfulness-based cognitive therapy (MBCT) may be helpful in preventing relapse in those with three or more depressive episodes. Recent research suggests it may also benefit those who have experienced fewer previous episodes of depression. If confirmed, this raises challenges of how MBCT is offered, accessed and supported.

Delivered in different ways
The findings outlined by Geschwind et al are particularly interesting as they have potentially strong clinical implications if replicated in a clinical population. The conclusions suggest that MBCT could be implemented more widely and earlier within treatment pathways and no longer exclude individuals with two or fewer previous episodes of depression. If replicated in a further study, their findings raise issues of how such treatment could be made available, as currently access to MBCT is limited. Few practitioners are trained compared with other approaches such as CBT. Furthermore, the treatment choice is not as simple as CBT v. MBCT. Currently, both CBT and MBCT are offered in time-intensive (high-intensity) forms requiring significant support time from a suitably qualified health worker. In recent years CBT has increasingly been delivered in low-intensity formats requiring less specialist support time. Such approaches include guided CBT self-help, where recent reviews have suggested equal outcomes for both low- and high-intensity versions of CBT for anxiety and depression. Behavioural activation is another case where high- and low-intensity formats are available. High-intensity behavioural activation is as effective as ‘full’ CBT and remains effective when delivered to participants living with severe long-term depression, even when delivered by generic mental health workers with no prior experience in behavioural activation. However, there is no fully evaluated low-intensity package currently available that addresses relapse prevention in depression and this is an area that deserves attention as a research priority.

Delivered using suitable delivery formats
Mindfulness-based cognitive therapy is usually delivered in extended high-intensity groups that require attendees to attend eight sessions lasting 2 h, plus 1 day-long class after the fifth session. Although there have been attempts to reduce the length of classes, the eight-session approach is fairly ubiquitous and seems to have been developed to fit the length of US summer holidays and has been continued subsequently through convention. Some newer ways of delivering MBCT have been developed (e.g. online or via telephone), however to date these have not been evaluated systematically. If further studies confirm

For the majority of people living with major depressive disorder, it is not a single episode with a clear start and final end-point. Instead, it is a chronic condition characterised by multiple episodes of relapse over their lifetime. The National Institute for Health and Clinical Excellence (NICE) recommend individual cognitive–behavioural therapy or mindfulness-based cognitive therapy (MBCT) in the treatment of relapse prevention. These treatments are considered particularly effective, as they aim to treat the residual symptoms that persist following an episode of depression. It is these residual symptoms that are thought to adjust cognitive processes leading to the onset of further depressive episodes.

Cognitive–behavioural therapy has been recommended as a maintenance therapy based on the proposed protective properties of identifying and then challenging the evidence for and against such thoughts before coming to a balanced appraisal based on all the evidence. Such approaches often utilise quite complex homework diaries (thought identification/challenge sheets) and also aim to enhance helpful levels and types of activity. It has been argued that the traditional language of CBT means that it can only be easily used by people with above average reading ages. Mindfulness-based cognitive therapy on the other hand has less of a focus on challenging negative thought patterns and focuses instead on teaching individuals to become aware of and note upsetting thoughts and feelings and to conceptualise them as ‘mental events’ instead of an internalised realistic representation of themselves or the situation they are in. Mindfulness-based cognitive therapy is recommended by NICE for relapse prevention in depression, however a caveat of MBCT is that it is only reported to be associated with a differential risk of relapse for those with three or more previous depressive episodes. In contrast, recent evidence presented by Geschwind et al in this issue suggests that MBCT is associated with a significant 30–35% reduction in residual depressive symptoms compared with the control sample, regardless of the number of previous episodes of depression.

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that MBCT can helpfully be offered to individuals with fewer than two prior episodes of depression as an early intervention, it will be hard if not impossible to deliver the approach without the development and testing of low-intensity versions of MBCT. However, it is not known what the effective components of MBCT are – the impact of being in a class, the mindfulness or cognitive strategies. Studies are needed to dismantle and test these separate components, and to evaluate whether low-intensity delivery models can be developed and delivered. It is likely that only when there are evidence-based high- and low-intensity formats available that widespread roll-out of these therapies could be achieved.

Delivery via appropriate service delivery models

Whatever short-term treatment interventions are offered (CBT, behavioural activation, CBT self-help or MBCT) for chronic depression, they are only a part of the need for ongoing management of what is a chronic condition. Current practice relies on stepped and stratified models of care to guide treatment options. Stepped care models suggest that everyone should begin at a low-intensity approach, stepping-up to high-intensity approaches for individuals who do not benefit from the former. Stratified approaches, in contrast, match patients to an appropriate therapy based on their clinical complexity and preferences. However, there is a paucity of evidence to guide which approach (stepped or stratified) would be best adopted. Furthermore, with emerging literature suggesting that even low-intensity approaches may suit complex cases of depression, the situation becomes further confused. Currently, little research is available to guide these choices but there is an emerging body of literature that suggests that patient preference and learning style is an important consideration when making this choice. It is particularly important that these treatment decisions are based on the patient’s preferences and not biased by therapist training, affiliations and beliefs.

Although, it remains difficult to understand which therapy would best suit an individual, a collaborative care approach may provide an effective organisational system to implement a structured management plan that can oversee patient care while ensuring a multiprofessional approach with patient continuity of care at its core. A collaborative care approach would be managed so as to overcome the backgrounds and affiliations that individual therapists may otherwise have. Such an approach would allow the incorporation of a range of possible treatment options from medication, low- and high-intensity forms of CBT, MBCT and behavioural activation, while managing patient treatment options that are most suitable for the individual.
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Access the most recent version at DOI: 10.1192/bjp.bp.112.109454

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