

have left till last. The severity of depressive symptoms declined markedly in all treatment groups, and any differences in clinical efficacy between the specialist treatments and routine general practitioner care were not commensurate with the differences in the length and cost of treatment. This generalisation may not apply to more severely depressed (melancholic) patients, but this requires confirmation in a larger sample of patients. The simplest explanation may be that depressive illnesses treated in primary care are of shorter duration than those referred for outpatient care^{15 16} and usually have a good prognosis anyway.²

The design of the study must also be considered in the interpretation of the findings on clinical efficacy. It is probable that the independent raters became aware of treatment allocation before patients completed treatment, although it is hard to predict what effects this might have had on the findings. Confirmation of the diagnosis of depressive illness may have improved the effectiveness of routine general practitioner care, because recognition of depressive illness may be associated with a better clinical outcome and increases the likelihood of being offered treatment from general practitioners.²⁶ Even patients who refused to start or continue treatment had been made aware of the diagnosis of depression and it is unfortunate there were no available data on their clinical progress because these may have provided further information about what, if any, additional benefit treatment itself brought. A major aim of the present study was to measure the routine length of the patient-therapist contact involved in each treatment, and so no attempt was made to standardise therapeutic attention among the treatments. Consequently, it cannot be assumed that any slight advantage for one of the specialist treatments depended on the defining characteristics of the treatment rather than the length of therapeutic attention.¹⁷

Most patients rated the results of their treatment positively, but few said they would want the same treatment again. Perhaps this reflects a dislike of being depressed or fears about the possibility of future episodes. Such fears are realistic because most outpatients who recover from an episode of depression will suffer a recurrence of illness within two years despite continuation treatment with antidepressant drugs.²⁷ Depressed patients treated by cognitive behaviour therapy may be less likely to relapse than patients treated with antidepressant drugs alone over one²⁸ and two²⁹ years after the index episode. The potential longer term benefits of social work counselling have not been assessed. If social work counselling or cognitive therapy helps patients to cope more effectively with the problems that led to their depression this may prevent further episodes of depression. Until we have measured relapse rates after treatment our cost-benefit analysis is incomplete.

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- 1 Shepherd M, Cooper B, Brown AC, Kalton G. *Psychiatric illness in general practice*. 2nd ed. Oxford: Oxford University Press, 1981.
- 2 Goldberg DP, Blackwell B. Psychiatric illness in general practice. A detailed study using a new method of case identification. *BMJ* 1970;ii:439-43.
- 3 Watson JM, Barber GH. Depressive illness in general practice: a pilot study. *Health Bull* 1981;39:112-6.
- 4 Porter AMW. Depressive illness in general practice. A demographic study and a controlled trial of imipramine. *BMJ* 1970;i:773-8.
- 5 Blashki TG, Mowbray R, Davies B. Controlled trial of amitriptyline in general practice. *BMJ* 1971;ii:133-8.
- 6 Thomson J, Rankin H, Ashcroft GW, Yates CM, McQueen JK, Cummings SW. The treatment of depression in general practice: a comparison of L-tryptophan, amitriptyline and a combination of L-tryptophan and amitriptyline with placebo. *Psychol Med* 1982;12:741-51.
- 7 Paykel ES, Hollyman JA, Freeling P, Sedgwick P. Predictors of therapeutic benefit from amitriptyline in mild depression: a general practice placebo-controlled trial. *J Affective Disord* 1988;14:83-95.
- 8 Johnson DAW. Treatment of depression in general practice. *BMJ* 1973;ii:18-20.
- 9 Trethowan WH. Pills for personal problems. *BMJ* 1975;iii:749-51.
- 10 Lader M. The social implications of psychotropic drugs. *R Soc Health J* 1975;95:304-5.
- 11 Tyrer P. Drug treatment of psychiatric patients in general practice. *BMJ* 1978;iii:1008-10.
- 12 Corney RH. The effectiveness of attached social workers in the management of depressed female patients in general practice. *Psychol Med* 1984;suppl 6.
- 13 Cooper B, Sylph J. Life events and the onset of neurotic illness: an investigation in general practice. *Psychol Med* 1973;3:421-35.
- 14 Brown GW, Harris T. *Social origins of depression*. London: Tavistock Publications, 1978.
- 15 Sireling LI, Freeling P, Paykel ES, Rao BM. Depression in general practice: clinical features and comparison with outpatients. *Br J Psychiatry* 1985;147:119-26.
- 16 Blackburn IM, Bishop S, Glen AIM, Whalley LJ, Christie JE. The efficacy of cognitive therapy in depression: a treatment trial using cognitive therapy and pharmacotherapy each alone and in combination. *Br J Psychiatry* 1981;139:181-9.
- 17 Teasdale JD, Fennell MJV, Hibbert GA, Amies PL. Cognitive therapy for major depressive disorder in primary care. *Br J Psychiatry* 1984;144:400-6.
- 18 Buchan IC, Richardson IM. *Time study of consultations in general practice*. Edinburgh: Scottish Home and Health Department, 1973.
- 19 American Psychiatric Association. *Diagnostic and statistical manual of mental disorders*. 3rd ed. Washington: APS, 1980.
- 20 Beck AT, Rush AJ, Shaw BF, Emery G. *Cognitive therapy of depression: a treatment manual*. New York: Guildford, 1979.
- 21 Open University. *Advanced educational and social research methods survey project guide DE801*. Buckingham: Open University Press, 1985.
- 22 Hamilton M. A rating scale for depression. *J Neurol Neurosurg Psychiatry* 1960;23:56-61.
- 23 Personal Social Services Research Unit. *The methodology for costing community and hospital services used by clients of the care in the community demonstration programme*. Canterbury: University of Kent, 1989. (Discussion paper 647.)
- 24 Joint Formulary Committee. *British national formulary*. No 20. London: British Medical Association and Royal Pharmaceutical Society of Great Britain, 1988:123-49.
- 25 Elkin I, Shea T, Watkins JT, Imber SD, Sotsky SM, Collins JF, et al. The National Institute of Mental Health treatment of depression collaborative research programme: general effectiveness of treatments. *Arch Gen Psychiatry* 1989;46:971-82.
- 26 Ormel J, Van Den Brink W, Koeter MWJ, Giel R, Van Den Meer K, Van De Willige G, et al. Recognition, management and outcome of psychological disorders in primary care: a naturalistic follow-up study. *Psychol Med* 1990;20:909-23.
- 27 Glen AIM, Johnson AL, Shepherd M. Continuation therapy with lithium and amitriptyline in unipolar depressive illness: a randomised, double-blind, controlled trial. *Psychol Med* 1984;14:37-50.
- 28 Simons AD, Murphy JE, Levine JL, Wetzel RD. Cognitive therapy and pharmacotherapy for depression. *Arch Gen Psychiatry* 1986;43:43-8.
- 29 Blackburn IM, Eunson KM, Bishop S. A two-year naturalistic follow-up of depressed patients treated with cognitive therapy, pharmacotherapy and a combination of both. *J Affective Disord* 1986;10:67-75.

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Correction

Workload of general practitioners before and after the new contract

Several errors occurred in this paper by David Hannay *et al* (7 March, p 615). In the fifth sentence of the results section of the abstracts the figures for the time spent on general medical service duties are incorrect and should be 40.5 h in 1990 v 42.5 h in 1991. Two errors occur in table IV: in the second column the first figure should be 124, not 1124; and in the final column the asterisk should refer to the third value down (0.001), not the fourth.