BRITISH MEDICAL JOURNAL VOLUME 285 25 SEPTEMBER 1982	859
a detailed explanation was given of how to prepare a contract of employment. ¹ BMA members may obtain a booklet of these	References
articles from BMA regional offices. Finally, this article can only	¹ Ellis N. Employment law, I. Why you need to know about it. Br Med J 1981 282 784-6
provide a general guide to the provisions of existing legislation. It does not offer a definitive statement of law.	² Ellis N. Employment law, H. The importance of the employment contract. Br Med 7 1981 (282):867-9.
I am grateful to Dr John Ball for his comments on this paper. The author is responsible for any omissions or errors.	¹ Ellis N. Employment law. III. The contract. Br Med J 1981;282:958-60. ¹ Ellis N. Employment law. IV. Can I still dismiss? Br Med J 1981;282: 1040-2.

Innovations in London

North Camden community psychiatric nursing service

KATE CONWAY-NICHOLLS, ARNOLD ELLIOTT

It is now accepted that at least 25°, of patients who prevent at general pactitioners' surgeries have problems that are of psychological origin. The incidence of mental illness is greatest in areas of social deprevation—for example, the hospitalisation rate for mental illness per 1000 residents in inner London is 5 16, compared with 121 in or due London and J 181 in England. By differ the Secbohm report: to support mentally ill people in the community psychiatry and the primary care takes the need for other parametical workers to help the hard-pressed GP in this task. Furthermore, the model of the primary care in inner London. The Difference of the GP shows and the primary care in inner London. The GP shows and the primary care in mere London. The GP shows and the primary care in mere London. GP shows and the primary care in more London. GP shows and the providence of the primary care in more London in the community, though the problems of allocating resources and of organisation primary and the community psychiatric divisional maring officer. Usually the community psychiatric harvisional having the problem of allocating resources and of organisation primary and the community psychiatric harvisional maring officer. Usually the community psychiatric harvisional maring officer (p sychiatric care) and greatric insplaint; havional having help roblems of allocating greater when the organized the problems of allocating resources and or organisation are also greater. Usually the community psychiatric havional having help roblems of allocating greater theory is and are finance from the psychiatric havional havional maring officer (p sychiatric and greatric insplaint; havional havional maring officer (p sychiatric and a greatric insplaint; havional havional maring officer (p sychiatric and a greatric insplaint nurses aveel is a community psychiatric divisional maring officer (p sychiatric and greatric insplaint nurses aveel is a community psychiatric divisional maring officer (p sychiatric and greateric insplaint nurse

aunity psychiatric nursing schemes

Community psychiatric hursing schemes The first community psychiatric service was set up in 1954 at Warlingham Park Hospital, Surrey, and the second in 1957 at Moorhaven Hospital, Devon. Now community psychiatric services are found across England and Wales and more than 2000 psychiatric nurses are employed in nearly 250 teams. Parnell' described the results of a postal questionnaire sent by

North Camden Health District, New End Hospital, London NW3 KATE CONWAY-NICHOLLS, SKN, HV, divisional nursing officer North-east Thames Regional Health Authority ARNOLD ELLIOTT, OBE, FRCGP, general practice facilitator

the Queen's Nursing Institute to community psychiatric nurses, psychiatrists, GPs, health visitors, and district nurses, followed by interviews with staff who took part in the survey during 1975-6. The results of the study showed that TO', a community psychiatric nurses were based on hoopital premises, 38°, commitments in both hoopital and the community. Eighteen per cent were based in psychiatric day hospitals, 6°, in health entres, and 4°, in other locations. It is notable that 99°, of referrals to the community psychiatric nurses were from consultant psychiatrics. Moreover, 68°, of respondents had had no preparation before starting work in the community, and only 12°, of these had attended courses afterwards. New hen attached to GPs, '' Only Tough *et al*'s suggested that community psychiatric nurses based in psychiatric hospital exact only and the system of the primers would be based in the community psychiatric nurses based in the based in the

North Camden Health District

North Canden Health District
Another the companisation of the National Health Service in 1974, North Canden Health District assumed responsibility for patients who had been discharged from the psychiatric attributed the Royal Prece Hospital and from Frierm Barnet Psychiatric attributed and the Service of the Service of Service and Service Service and Service Ser

860

operation for three years, and there have been no problems recorded from the GPs. There are now six community psychiat-ric nurses in the community who are allocated to the GPs from four centres. Because the number of nurses is small it has not been possible to attach them to individual GPs, but each has built a good relationship with the neighbourng practices. The nurses wisit patients at home and see them at the health clinics and also at GPs' surgeries by arrangement.

REFERRALS

BYERHAIS For the year from January to December 1981 there were 490 referrals to the service—an average of 28 a month. GPs referred particle of the primary health care team. Only 8°, were referred from hospital, bus reversing the national terred by another particle of the primary health care team. Only 8°, were referred from hospital, bus reversing the national terred by another particle of the primary health care team. Only 8°, were referred from hospital, bus reversing the same start of the same terred terred from disturbance of the same start over 41°, were between 11 and 64, and 20°, were between 14 and 30. Reterred so of deleting parties consistently accounted for over 43°, of the work load, and there was an appreciable increased dynard 30. Reterred. South Corteber , and November. This was thought to be due to the community samatery in the winter months and concern for the welfare of older period and bulk terress. Seventy-seven per cent of patients lived in flats, the restriction of the same start of patients lived in flats, the restriction of the same start of patients lived in flats, the seventy-five per cent were British-born, and 25°., cance from versess. Seventy-seven per cent of patients lived in flats, the seventy-five per cent were British-born, and 25°., widowed, 25°. Superior, 50°, dynaries of patients lived in flats, the sevents of the sevent period patients is unyethosis, inter-meter and depression, schuzpheria and christic surges who used in hospital would expect to see mostly schuzpherein the solution is problems. Community psychiatric nurses, who use and in hospital would expect to see mostly schuzpherein the solution lived based of the sevent has been an increase in the *Reverletarel*. Each community psychiatric nurses were the solution lived based of the sevent has been an increase in the *Reverletarel*. Each community psychiatric nurses were service being Batients a month. In 1981, for the first ture in the solution hear for the referrals (Locass), a thith

Sautor	1979	1980	198
Source	1414	1480	149
General practitioner	139	148	170
Social worker	26	23	39
Voluntary agencies	12	22	29
Certates visitor	35	21	30
Hospital	27	17	28
Health visitor	12	15	15
District nurse	7	7	- 5
Community psychiatric nurse	3	5	- 3
Self-referral	8	7	21
Self-referral Total	269	265	- 2

increase in numbers with a slight drop in the second year, which can be attributed to the difficulties of having temporary staff. Most referrals continue to come from GPs and other members of the primary health care team.

TRAINING

In 1974 the Josen Board of Clinical Naring Studies published an outline curriculum in community psychiatric nursing? Training is provided in polytechnis-for 16 weeks for nurses who hold the qualification RMN or RNMN. Subjects include developmental psychology, sociology, research methodology, health education and convelling, teaching and interviewing techniques, planning and management of case loads, and the principles and practice of community nursing and behavioural modification. In North Canden there is a post-basic nurse training centre: Courses are given on courselling, interviewing, industriat patients, and the nurse and the law. Trained staff from all dissiplines are seconded for training acording to their needs and requirements, and local polytechnics are also used extensively for courses that cannot be given in the training centre. It is the intention in the North Canden scheme that all community psychiatric nurses should take the Joint Board of Clinical Xirsing Studies' course in community psychiatric nurses are all the nurses are thouse numenty by schistric nursing. All the nurses are topy working and dow men in the service, three of whom have had the special training.

Relationships with others

Relationships with others The discussions of cases take patients are allocated by mutual primary care team, and the patients are allocated by mutual team of the second second second second second second second patients of the second second second second second second team of the second second second second second second second patients of the second second second second second second second patients of the second secon

doctor was used at the second second

We hope very much that in the reorganisation of the NHS that local medical committees will bring pressure to bear on the new

BRITISH MEDICAL JOURNAL VOLUME 285

BRITISH MEDICAL JOURNAL VOLUME 285 25 SEPTEMBER 1982 district health authorities to transfer the community psychiatric nurses to the management of the new directors of community nursing, so that they can work in the community as members of the primary health care team with the clinical responsibility of their patients firmly in the hands of GPs.

We thank Mr A G Clark, nursing officer, North Camden District CPN Service, for kindly providing the documentation about the

¹ Jarman B. A survey of primary care in London. Occasional Paper No 16. London: Royal College of General Practitioners, 1981. London, Roval College of General Practitioners, 1994. *Report of the commission tool automicry and alled periodi avait territeri.* Seebohn report, Cimal 700, London, HMSO, 1988. *Billont A. The primary health care team. Naving Revol 1900 Nov*:81-3. *Report of cost coving ergin on the primary health care team.* London: DHSS, 1981. *Primary health care in inner London*, (Acheson report), London Health Paramy Constraint, 1981.

Practice Research

Does life-long exercise protect against heart attack?

H K ROBERTSON

The aim of this controlled study was to illustrate the differences in levels of general fitness and prevalence of risk factors for coronary heart disease between a group of vetran cyclits and a group similar in age drawn at random from my practice. Comparisons were made of electrocardiographic recordings.

Subjects, methods, and results

Subjects, methods, and results Forty-seem encyclists between the agen of 54 and 64 volunteered to be examined after a request was made to the cycling community in London and urban Hertfordshite. The only cycling volunteers who were excluded from the study were those who had gaps of more than main from my reactive. The pairing site study on a date of birth and the first letter of the surname and were made by independent prenom. Two controls were rejected because of low 10 and replaced. All subjects were either working or recently retired and capable of work, or her right arm with the subject recent date. The low econologies who controls work on the work and the list of the reading. Posteersite electroardiagraphic recordings were made after the subject performed 10 squats over a maximum period of W seconds. Els for intering tere coded by mang al voses the billion the registing among were so unift, achieved a mean exercise heart rate, maximum) of

Hertford, Herts H. K. ROBERTSON, MB, CHB, general practitioner

Batl L, Kinsey J, Chanal psychology in general practice of the second sec

Little curriculum in community psychiatric nursing for registered nurses (course to 8000). London: Joint Board of Chinical Nursing Studies, 1974.

under 100 min, which is well short of an acceptable figure, and the results of this test should be viewed accordingly. Chest z-ray exami-nations gave no additional information. The two groups turned out to be equally matched for statistical purposes in terms of occupation and family history of heart disease (table 1). The mean and standard errors were calculated for all the quantifable sense of adjusted for smoking and pair medical history. The test. The variables were adjusted for smoking and pair medical history. Different regressions were done with each variable in turns at the dependent variable, and which gave and the interval states of the test of the test of the state of the state of the test of the state of the sta

TABLE 1-Details of habits and medical history of cyclists and non-cyclists Cyclists Non-cyclists Total n = 471 (n = 47) No Occupation s.,

Manual	(0)	10	15	25
Smoking				
Currently	- 1	4	23	27
Ex	1	11	16	27
Non	0	32	8	40
Family history				
Yes	1	7	8	15
No	0	40	39	79
Medical history				
No	0	45	32	77
Diabetes mellitis		1	-	1
Cholesterolaemia	2		1	1
Angina	3	_	1	1
Past high blood pressure*	4	-	3	
Present high blood pressure	5	-	7	7
Myocardial infarction	0	1	3	4
Tetal No Yes		2	15	17

Variables	Non-cyclists		Cyclists		Significance		
	Actual	Adjusted for medical history and smoking	Actual	Adjusted for medical history and smoking	Actual values	Adjusted values for medical history and tmoking	Adjusted valu for smoking only
deight .m	172 7 : 0 87		171.5 - 1.18		. 06		
serum cholesterol mmol 1	62.016		62.015	71 2 1 12	- 0.9	0.005	- 0.001
X'eight (kg) Skiestold thickness (cm)	758-175	72.6 1.74	0.8 - 0.04	10-004	0.001	0.001	0.0001
stantoid thickness (cm)	12:00/	146 - 3 69	133 - 2.95	137 3 10	0.001	0.001	0.001
Diastolic blood pressure (mm Hg)	86 - 2 21	83 2 06	76 1 77	79 - 1 77	< 0.001	0.05	0.001
Station beat rate (min)	93 2 21	89 2 36	80 2.95	84 + 2.80	< 0.001	0.05	- 0 01
Increase in heart rate	40 - 2 80	38 - 2 80	30 - 3 54	32 1 19	0.05	0.4	- 0.2
thest expansion sem	5.2 + 0.19	5.9 - 0.22	74 0 25	66-025	0.0001	0.0001	- 0.0001
Resting electrocardiographic recording*	04.010	0.1.0.10	0.1 - 0.07	0.2 ± 0.07	0.05	0.1	- 0.05
service electros and egraphic recording*	07.010	0.6 0.10	03.009	04-009	0.005	- 01	- 0.01

predictors. The residuals were examined and tested for group difference. The results are shown in table II. There were statistically significant differences between the two groups on all the variables measured except height and serum cholesterol concentrations.

<text><text><text><text>

In studies of the highly complex cause of ischaemic heart disease the lack of physical fitness has been cited more and more as an important factor, though proof of this is clusive and may never be established.⁴ Short-term exercise programmes have failed to modify risk factors for ischaemic heart disease.⁴ It is hoped that the results of this survey will encourage those who participate in or advocate long-term physical fitness programmes.

programmers. I am indebted to Dr I P M MacDougail for reading the electro-cardiographic recordings and for valuable advice; to the pathology to the mass miniature radiography service; to Mrs Savile and Mrs Akers of the Saut Andrew Street surgery suff; and to Mr A Perkins and his staff in the North-west Thames Health Authority statistical department; department. A general practitioner research grant from the NWTHA supported this research

Reprint requests should be addressed to Dr H K Robertson, 54 St Andrew Street, Hertford, Herts.

References

Roterton HK, Hear disease in life-long cyclens. Br Mod J 1977 al: 1035-6.
 Royal College of Physicana, Proteining of contary hear disease. Vol X,
 Solgenic AW, Binethood JR, Harrin-Davidon A, Taplin RE, Thomas DW. Long-term effects of physical insuing programme on risk factors (al: 1000-1000).
 Solgenic AW, Brotheshoud R, Harrin-Davidon A, Taplin RE, Thomas DW. Long-term effects of physical insuing programme on risk factors (al: 1000-1000).
 Youngman MB. Porgrammed method for multivariate analysis. Version 5. University of Notingham School of Education, 1976.

Accepted 5 July 1982)

THE GENERAL PRACTITIONES SIT—It is not uncommon to best a raw licentiate of the Company of the Apothecaries thus discourse: "Really! our cluations in now sogod, that we must upperted the physicians ere long. In former days, when the instruction of the general practitioner was limited by a counter to ago country village, the physician might be necessary. But since every medical man now completes his cluations in an encouple, and passes a regid examination To the great father of medicine it id not seem so easy a matter to acquire professional knowledge and skull; and i those self-satisfied persons would learn by heart his first sphorism, and repeat it to themselves every day, possibly they might become wires and least ridiculous: "Life is short, the art is long, occasion sudden, to make experiments dangerous, judgement difficult," — A STREON, APOTHECARY, AND MAN-MEDWITE. (Londow Medical Gazente 1850;8).

861

BRITISH MEDICAL JOURNAL VOLUME 285 25 SEPTEMBER 1982 In 1974 the Joint Board of Clinical Nursing Studies published