# PRACTICE OBSERVED

## Practice Research

### Night workload in one health district

PAUL J HOBDAY

Abstract
The night work (11 pm-7 am) in primary care in one health district (population 195 212 with 39 general practitioners) was studied over a three month period, starting 1 January 1963. The workload proved to be small (15% of all "out of hours" work for general practitioners). An average of three night visits was done a night in the whole bealth district, and 26 general practitioners were available for these. On average, over seven doctors were available each night for each patient who required a that there is only sufficient work for (at maximum) two doctors, and a system is proposed to make more efficient use of the general practitioners' time.

The profession has recently been criticised for the way in which its "out of hours" bow his organised. It is important that we aim at a uniformly efficient and carring system which does not detrimentally affect most of the work that is performed in the surgery. Before such a system can be planned the workload needs to be

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Cunningham (Hovingham, Yorkshire, 1980) 23-9, and Barley 20-8 (Sheffield, 1979). "This variation was reviewed by Buston, who showed a nationwide variation in rates between 3-8 and 17 in 1973-4. "He attempted to give reasons for this variation. For this study "out of hours" work refers to the total work done between 1-9 mand 8-30 pm, but "night work" more specifically refers to work done between 11-9 mand 7-am. In the Madstone Health District all out of hours work is undertaken by general practitioner principals and deputting services to the study of the stud

these hours.

I suggest that a more accurate estimation of overall workload
may be obtained by studying a whole health district because it
goes some way to eliminate variation among practices. The aim
of this study was to describe the night workload for general
practitioner care in a single health district, and, in the light of the
information collected, to suggest a more efficient system of
providing such care.

### Methods and results

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The number of claims for payment for night vinis between 1 January 1983 and 31 March 1983 was provided by the Kent Family Practitioner Committee. By personally contacting at least one partner from each practice information was obtained on each group's arrangements of the provided of the provided of the provided of the provided of the control of the March Claimed to be efficient in submitting night visit forms.

Maidstone Health District's 93 general practitioners (13°, of Kent's general practitioners) serve a population of 193 212 gutients (12°s', of the population of Kent's general as 2162 and a recently organized into 32 practices (20le). On call rotas menta that 26 general practitioners covers for 195 212 patients each week night (and 22 cover for this number at weekends). Thus each week night (and 22 cover for this number at weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 22 cover for this number as weekends). Thus each week night (and 23 cover for 193 c

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No of groups No of doctors Percentage of all general practitioners 8 6 10 8 29 17 2 21 5 12 9

During this three month period general practitioners did 299 night vatus (7", of the total made in Kent). The figures of the Kent Family Practitioners Committee thew no seasonal variation (supported by visits per 1000 patients a year. In Kent 4222 claims were received from 711.5 general practitioners, covering 1 552.648 patients. The night vatir rate from thee figures in 10.95 night visits per 1000 patients a year. My personal rate was 59 per 1000 patients a year.

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My personal rate was 59 personal practitioners available for each patient. The year of year of years and year of years and year.

My personal rate was 50 personal practitioners available for each visit required. Thus one general practitioners will do one night visit roughly every eight nights on duty.

Discussion

The night visiting rate of 6.2 night visits per 1000 patients a year is lower than in other studies. For a rure picture of the night workload, however, those night visits not claimed for must be acknowledged, and, obviously, telephone consultations. Without the unknown number of visits for which no few suc claimed the figures presented are the minimum generated. I believe, however, that those visits were few and if included would not be sufficiently important to alter my conclusions.

In and 7 sum—that is, telephone calls for advice plus those leading to a visit—has been made. Crower's "disturbance" figure is 13.3 per 1000 patients a year, leading to the quoted night visit rate of 7.8 per 1000 patients a year, the results of Lockstone's study produce 13.1 (my calculation)," and Ridsdill-Smith showed a disturbance rate of 15.9. My personal disturbance rate was 14.7 per 1000 patients a year.

rate of 15.9 ° My personal disturbance rate was 14.7 per 1000 patients a year.

From the results of these studies 84% of phone calls to the general practitioner on call (out of hours) were before 11 pm and 84%, of the "out of hours" visits were done before 11 pm and 84%, of the "out of hours" visits were done before 11 pm. These figures suggest that the general practitioner will be out of bed every fourth night on duty and telephoned after 11 pm every other night of evering for 12 000 patients.

The results of my study show that in the Maidstone Health District a general practitioner will do one night visit roughly every eight nights on call. This lower rate is partly explained by the "average" general practitioner vide over a partly explained by the "average" general practitioner covering for fewer patients. The product of the produc

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Night calls (11 pm-7 am) in the Madstone Health District could be coordinated and operate from a central base. General practioners would cover for their own patents until 11 pm (thus still doing 85°, of "out of hours" work themselves or an immediate deputy—that is, a partner, 11 fee figures show that in the health district from 11 pm to 7 am there is sufficient work for only two doctors. All patents would be in telephone control, One general practions with the base of the control of the patents of the p

- References

  1. Cocknown DR. Night calls in a group pre-tice. J. R. Gal. Gen. Proc. 1970; 28

  1. Rodali. Smith. RM. Out of hours calls. Update 1901;28: 271-7

  1. Rodali. Smith. RM. Out of hours in 1912;29: 271-7

  1. Crown MGF. Hyarond DN. Tystel W. Out of hours into a Lieucesterhier

  1. Crown MGF. Hyarond DN. Tystel W. Out of hours in 1912;29: 290-5

  1. March Control D. Night call in a proup pre-tice. J. R. Call Gen. Proc. 1972;29: 290-5

  1. March Control D. Night call in a proup pre-tice. J. R. Call Gen. Proc. 1972;29: 290-5

  1. Crown MGF. Hyarond S. Proc. 1972;29: 290-5

  1. Crown MGF. Hyarond S. Proc. 1972;20: 290-5

  1. Crown MGF. Hyarond S. Proc. 1972;20: 290-5

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# Life Changes

## Death of a spouse

A H ELDER

Personal account

It is nearly 14 years since my husband died. He was 30 and 1 was 28. We had been happily married for five years, and had two small sons. Strange to hink that all that time has gone by and that my life has changed so much, when at the time 1 felt 1 didn't want to survive myself. My general practitioner had to didn't want to survive myself. My general practitioner had believed him, but those words have sayed with me and 1 can see now what he meant. Even after 14 years small things remind me of him—bits handwriting in a book, a similar face on television or in a crowd, places where we had been together. They all stir memories, but the pain has gone, the intensity of girl has faded with they can be suffered to the state of his testiles. The survive memories of the state of his testiles. The can be suffered to the state of his testiles. The can be suffered to the state of his testiles. The can be suffered to the state of his testiles. The can be suffered to the state of his testiles. The can be suffered to the state of his testiles. The can be suffered to the suffered has a solved not to tell him at that time. Going home with him, bas called into the doctor's office and told that he had cancer. After the initial shock 1 asked if he knew. He didn't, and I was advised not to tell him at that time. Going home with him, had come to stay for the Easter weekend was like a nightimate, keeping up mormal behaviour and manner while I kept repeating to myself over and over again that conversation in the doctor's office.

After the was a did never told him. Everyone che him, and any time, which was a great comfort. I asked him if I should tell my husband that he had cancer, but he said that if he wanted to know he would ask. For all those 10 months he never asked and I never told him. Everyone che hence, family and friends, but he didn't. It was like keeping a terrible secret fron him. I used to lite in he de a night crying quietly by his could hare with him that terror of what was happening, but at the same t

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I suppose that that was his own form of denial, and I went along with it. It is one of my deepest regrets. I will never forgive myself for not having the course to share with him facing his death, the end of his short life, and parting from everything and everyone he held dear. Death is such an important part of life that, however painful, I realise now that it can't be hidden or disguised. Only at the very end when the caner had reached his brain and he was on the verge of death did he ask in a lucid moment what was the matter with him. I told him, and he expressed his thankfulness with me for all he had had in life, for everything he had been blessed with, but by then it was the end.

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moment what was the matter with him. I told him, and he expressed his handklulens with me for all he had had in life, for everything he had been blessed with, but by then it was the end of the hospital allowing me so much privacy with him. He was in his own room and I was given a room nearby so that I could be with him as much as I wanted. After he had died I remember going back to my hospital room and not wanting to leave it, not wanting to go home and face the children, our two sons aged 2 and 3. My general practitioner had them to stay with his family for that night.

Looking back I realise now how long the grief lated—not unless they've been in a similar situation. The death of someone so close can never be forgotten or "got over" completely. It was a long time before I could hear the word "cancer" without having to run from the room. The emptiness and loneliness was devastating. Particularly being with a crowd of people, perhaps at a party, I was aware of everyone else belonging to a couple. I no longer had that familiar reassuring figure nearby ward confidence took a long time to mend. I desperately wanted to hang on to memories and to keep photographs to remember him clearly.

One night, not long after he had died, I found my 3 year old son crying in bed. "I can't remember Daddy's face, I've forgotten his face." It was in fact having to keep going for the children that helped me. But because they were so young I wonder now had been.

One thing that I remember clearly was my awareness of the embarrassment of other people over what I had sulfered—their worlding the subject or distracting or encouraging conversation—and my attempt somehow to spare them my distress. Because of this I found myself covering up my grief in front of them, only allowing myself to cry on my own. This feeling of not being able to share, even with very supportive friends. Concert had not not have going the world my settle or only my own. This feeling of not being able to share, even with very supportive friends. Concert had not a su

After his death I realised for the first time that I could never rely on anything being permanent, or safe, or secure again; I could never rely on happiness lasting, for tomorrow everything might change. I became reclates. I would drive and take risk make it, I don't," gambling with my own life. I had affairs that were desperted and unrealistic. I couldn't cope with the financial and practical sides of life, which had all been organised by my husband, and so stuffed unopened bills into drawers with a sense of panic, leaving them there untouched for months. The sense of responsibility, of being the sole parent and future, about retraining, and I was fortunate in having friends and family to help me in this. And of course life does go on. Things change, and what seemed overwhelming gradually receded more and more into the past.

Something I regret is that if I visit my husband's grave I cannot really feel that he is there to speak to. If he had been cannot really feel that he is there to speak to. If he had been contact with him—I don't know. Death is so final, and I'm sure one always has regrets and guilt as well as the additional guilt of finding happiness in new relationships. We are left with those feelings which can perhaps be repaired but never completely healed. That is what we carry as the survivors, but opherluly as survivors we can be more in touch with what others suffer.

### Doctor's comment

There can be few more painful transitions to make than that following the death of a spouse. In general practice we are frequently, and often unknowingly, helping people to navigate such major changes. We spend a lot of our time in contact with the effects of loss and death. Giref may result from much that is less obvious in life; from the loss of homes, health, ideas, or prestige. But offere the loss is more obvious.

He first deceased, she for a little tried To live without him, liked it not and died. Sir Henry Wotton, 1892.

The surviving spouse is left as a numbed and bleeding half of what was a couple. This involves a considerable loss of "self" or "self in other." If the death is in early life the future and its hopes and espectations are lost. If in later life it is more a shared past and all the experiences of a lifetime that lose their other half.

and its hopes and expectations are lost. If in later life it is more a shared past and all the experiences of a lifetime that lose their other half.

Not surprisingly, this transition has a clear morbidity and mortality. Widows seek consultations with general practitioners for psychastric symptoms three times more often than expected in the first six months after betravement, and close relatives than shown in a control group. The risk of death among close relatives in that first year after betravement is doubled when the person has died in hospital, as opposed to home. Perhaps "death at a distance" is an increasing modern phenomenon and one that should concern us.

The doctor's first knowledge of the change in a patient's life may be from an urgent call to Mirs A who "needs tranquillinens," a patient whom he hardly knew who has died in hospital. But the great strength of the general practitioner's position is that often his contact with the surviving spouse has begun long before the death of the husband or wife. Particularly if the death has occurred at home, a lot will have been shared between the two and a working relationship will have been shared between the two and a working relationship will have been shared between the two and a working relationship will have been bared between the two and a working relationship will have been shared between the two and a working relationship will have been bared between the two and a working relationship will have been bared between the two and a working relationship will have been bared between the two and a working relationship will have been shared between the two and a working relationship will have been bared between the two and a working relationship will have been bared between the two and a working relationship will have been bared between the two and a working relationship will have been bared between the two and a working relationship will have been bared between the death has occurred at home.

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and with open feelings, is probably the single greatest con-tribution the general practitioner may make towards the health and eventual recovery of the bersaved partner. This is true preventive medicine. For if the surviving spouse can feel that she has done as much as possible, and been adequated supported in this, so there is no residue of resumment at having been left to cope with too much; and if he two, even at the very end of life, can draw close enough to share some of their feelings about parting, then the whole experience is registered as deeply as possible, and recovery is less delayed by regrets. This kind of terminal care is not possible if the basic relationship of the couple has been too poor.

## THE PRACTICE

Nowadays about a third or less of deaths will occur at home. One hundred years ago only 5%, of the population died in hospital. What of the surviving spouses whom the doctor knows less weil?

Are all deaths discussed at the practice meeting? Is there a practice meeting? Or, like the dead themselves, are "deaths" quickly forgotten and not discussed at the practice meeting? Is there a practice meeting? Or, like the dead themselves, are "deaths" quickly forgotten and not discussed much? Do the receptionists know what has happened so that they are after to the importance from the practice call on a recently beforeaved family? If so, when and who? Or is this none of the doctor's busines? If such a visit is undertaken what are its purposes? If may be an opportunity for the surviving spouse to have information, find things out, and express some feelings about what has happened; perhaps it is also a not too intrusive example of concern and may pave the way for future help if and when it is needed.

\*\*Secondard with the medical management of the last illness. The hospital, and often by implication the general practitioner himself, may be blamed for not caring enough or for unnecessary delays and poor treatment. Usually such complaints contain aspects of legitimate criticism but are also coloured with the reposure of the last illness. The hospital, and often by implication the general practitioner of such feelings without being too defensive and tell opportunity of accepting such a valuation and try instead to achieve a useful working relationship for the bereaved patient.

After the initial stage what of the next two to three years? Invert having relationship for the between doctor must be wary of accepting such a valuation and try instead to achieve a useful working relationship for the bereaved patient. Partitioner's function may be called into play. He must have a good knowledge of helpful organisation in the local community, recognising the severity of social isolation that may follow bereavement, he may need to col

partner.
It is tempting to "organise" an approach to the management of the "surviving spouse," and in so doing give a deceptively oversimplified "strategy" that may be appealing in its ordered approach, its marshalling of the resources at the doors of supposal, but ignores the complexity of the situation. We must be careful not to regard everything as a treatable