

# SOME GOVERNING PRINCIPLES OF THE RECOVERY WARD

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John Snow (1858) suggested that a room might be set aside in which the patient who has undergone surgery and anaesthesia could recover under skilled care and free from outside disturbance. For almost a century no action seems to have been taken on this advice, but in the last 15 years reports have been appearing urging the advantages of these wards, now dealing with very large numbers of patients. Various reports in the *Proceedings of the Mayo Clinic* comment on the post-operative management of over 20,000 patients: Lowenthal and Russell (1951) reported on the management of 35,000 patients; Davies and Hunter (1952), 13,000 cases.

From these and other reports it would appear that a large proportion of post-operative disasters now having a fatal outcome could in future be avoided if the post-operative period were constantly supervised by a nursing team with specialized experience, and it is quite apparent throughout all these writings that the dominant theme is the life-saving effect of these wards.

We previously reported (Davies and Hunter, 1952) on the planning and use of a recovery ward (with 10 beds in 10 rooms) which was opened at the Queen Victoria Hospital, East Grinstead, in February 1946. During its first 11 years 29,388 patients have been nursed on their reception from the operating theatres. As a result of this experience we now feel that certain principles should govern the working of these wards. These principles (some of which are now generally recognized) are discussed in detail below. The list may not be comprehensive, but contains our more definitely crystallized thoughts on this subject.

1. *The ward must be staffed for 24 hours a day.* Not all such wards are so staffed. For example, the recovery wards (or post-anaesthetic rooms as they are called) at St. Mary's Hospital in Rochester, Minnesota, are open from 9 a.m. to 5 p.m. Under such an arrangement if a patient returns from operation after 5 p.m. it is not possible to offer them the advantages and skill of recovery ward

care. Also deprived of these benefits is the surgical emergency operated upon outside 'normal working hours.' It would be logical to staff such a ward by nursing shifts. Where the hospital operates two daily shifts of nurses the ward might be opened for approximately 12 to 13 hours, e.g. 7.30 a.m. to 8.30 p.m. as a maximum. Where the hospital operates the three-shift day the ward would be open for eight or 16 hours. Either of these arrangements, however, may deprive the often needy emergency case of special care. It is our experience that it has proved easier to plan the ward staffing in the same way as that of any other ward. In the case of our own ward the normal day and night staffing arrangements are followed, the ward having the status of a special department in the hospital and being staffed for 24 hours a day. The work load being lighter at the weekend, there is a tendency to arrange 'days off' at this time. This arrangement has its attractions.

In accordance with the parallel between this ward and any other, there is a sister or charge nurse in charge. The nursing administration comes directly under the care of the matron, and not under that of the theatre sister or any other departmental sister. The nursing staff's sole duty is to care for the patient in the post-operative period, and they can thus develop interests and skills more single-mindedly than if their appointment was a joint one to two units in the hospital.

2. *All patients who have had general anaesthesia should pass through the ward.* Any other procedure involves guessing or prophecy of the patient who will have post-operative difficulties, either surgical or anaesthetic in origin. Inevitably, one day the guess will be wrong. The death of a patient outside a recovery ward, from causes which could have been adequately treated in a recovery ward, is a needless disaster. It is not possible to always guess correctly, therefore all patients should pass through the ward to eliminate the need to guess, and also the consequences of an incorrect guess.







possibility of close attention by medical and nursing staff, accurate medication may be 'tailored' in detail to the requirements of the individual patient. One example may suffice:

Number of consecutive cases of induced hypotension (18.10.55 to 3.9.56) .. .. .	1,038
Number of patients receiving a vasopressor (in all cases methylamphetamine) .. .. .	5
Dose—Highest .. .. .	15 mg.
Lowest .. .. .	4 mg.

### Summary

As the result of an 11-year experience, some principles governing the running of a recovery ward are discussed.

1. Such a ward leads to a decrease in post-operative mortality.
2. No increase in numbers of nursing staff is required.
3. Economies in equipment are possible.

4. Accurate medication of the patient in the post-operative period is more easily possible.

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