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IBM COMPUTER ALERTS NURSES

TO TRENDS IN PATIENT'S CONDITION

DAYTON, Ohio, July 2 ... A communicatioñs control station at Kettering

Hospital, a 400 bed facility here, links heart patients to an IBM 1800 computer at nearby

Cox Heart Institute.

In the event of any abnormal trends in the patient's condition, the 1800 alerts

nurses to notify the doctor or take corrective action prescribed in advance by the doctor.

Cox Heart Institute's patient monitoring computer is linked to heart patients

at Kettering via bedside sensing devices that continually monitor such vital signs as arte-

rial blood pressure, central venous pressure, the heart pumping rate and cardiac output.

Nurse Mary Ann Kurtz is shown patching patient monitoring instruments to the

IBM 1800 data acquisition and control system which also is providing doctors with insight

into cause and effect relationships of heart disorders.

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