THE COMPUTERIZED NOTATION SYSTEM (CNS)
A DIRECT DATA ENTRY SYSTEM FOR PHYSICIANS AND NURSES

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Program
CNS program for Epson HX-20 available through Arnett Clinic or Epson distributors. $600 per program.
Program for HP-85 available through Arnett Clinic, 2600 Greenbush, Lafayette, IN 47904. $400 per program.

Functions of System:
1. Produces all of the written communications required of the physician and nurse, in hospital or outpatient practice (including daily notes, patient medication summaries, prescriptions, orders, "histories and physicals", etc.).
2. Creates in parallel a digital medical record, with ability to store 5 to 20 years of patient information, and retrieve it easily for "histories and physicals".
3. Provides access to keyboard, display screen, memory storage and retrieval, at every location of medical practice by use of highly portable computers such as Epson HX-20.
4. Speeds entry of information to computer, by "building" each new record on the previous record entries, and by a variety of user-specified features (single key strokes enter entire words, standard medical abbreviations are interpreted to full understandable English).
5. Avoids need for long-hand writing by physician or nurse, except for signature.
6. Avoids need for duplicate entries or transcription of medical data (all forms of communication spring from the "visit" records).
7. Searches and selects data of importance for research, scheduling, quality assurance, and billing. Places this info in a parallel "overview" tape record.
8. Interfaces directly with a "central" database to present current status of all patients (presently performed on the QX-10 computer).

Hardware requirements for implementation (solo practice)
Computer: One Epson HX-20 computer for "rounding" (list $1000). Second HX-20 in office for office visits, billing, QA and research (list $1000). One 80 character Epson printer, for printing of bills, QA-research reports, histories and physicals (list $400).
Alternative configuration: QX-10 at office for billing/QA/research functions (list $3000).
Alternative configuration: Two HP-85's (list $2250 each), plus 16K RAM expansion (list $250); Computerized Notation System available (billing, QA, etc., not yet available).

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