

# U. W. Clinic Explores Frontiers in Medicine

**N**EW frontiers in medical treatment are being explored by the Clinical Research Center of the University of Washington's School of Medicine.

The center was established one and one half years ago through a large grant for its entire support from the National Institutes of Health. The U. W. center was the first one of 31 in the country, and it is the only one in the Pacific Northwest.

Clinical faculty members of the School of Medicine conduct many kinds of research programs at the center.

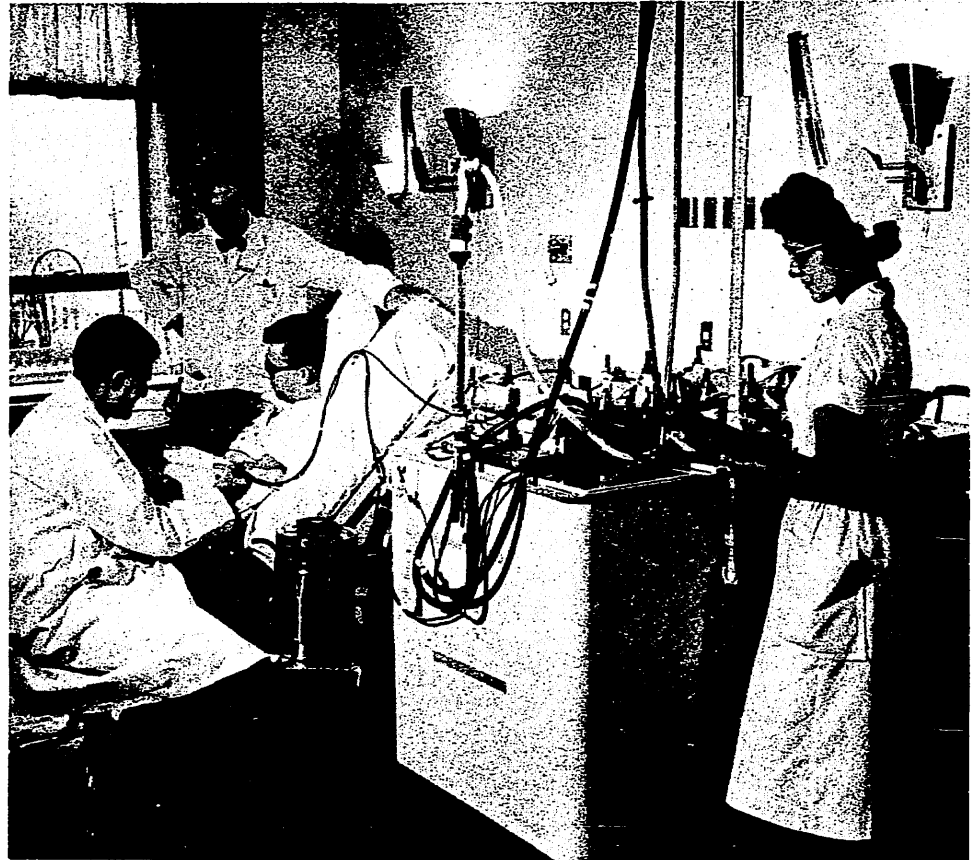
Some of the major programs underway are: Studies of artificial kidney dialysis for patients with chronic kidney failure; investigation of physiological controls of pancreatic digestive secretion; studies of unusual primary diseases which cause bone collapse and research into familial inheritable diseases.

The kidney dialysis program already has added more than a year to the lives of three patients.

The artificial kidney program was the first serious attempt in the world to prolong the lives of patients with certain kinds of kidney failure over a long period. A center employing the techniques developed at the university now is in operation at Swedish Hospital here. The U. W. and Swedish kidney-control programs are the only two of this kind in the nation.

The center is in the University Hospital but it is not operated on the same basis as the hospital. Hospital patients are admitted for treatment. Volunteer clinical-center patients are admitted without charge solely on the basis of their participation in research projects.

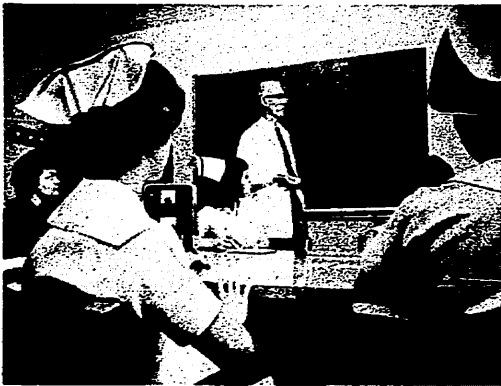
A patient's health may or may not be improved as a result of his stay in the center but he may make an important contribution to developing treatment techniques which will later improve the health of other persons.



Dr. Belding H. Scribner, standing, heads a team which has developed a method using this artificial kidney to control some kinds of chronic kidney failure. James

Albers was undergoing artificial kidney dialysis. Dr. Robert M. Hegstrom and Audrey Schnaible, nurse, assisted Dr. Scribner. This method shows promise.

*Photos by James O. Sneddon*



Dr. Wade Volwiler, program director of the U. W. clinic, explained a research program involving radioisotopes to center nurses.



Mrs. Annie L. Peterson, chief cook in the center's metabolic kitchen, right, and Miss Mary Ishii, chief research dietitian, chatted

with Minnie Hagen, a patient cooperating in a program under which her diet is controlled in weight to a tenth of a gram.