The Artificial Organs Division of Travenol Laboratories has introduced a new control module and water supply for normothermic perfusions. It is the size of a Travenol Modular roller pump and contains the water supply, recirculating pump, heater and control in one unit. Water for heat exchanges can be supplied in any temperature from 37 to 42 degrees Centigrade. Tom Wharton will be happy to send you all of the details concerning this unit if you will circle number 43 on the Reader Service Card.

Larry Baldwin, of Sarns, Inc., told us about two unique new products recently developed by his firm. The first is an automatic unit for peritoneal dialysis. It provides a simple and safe method of introducing sterile dialysate to the peritoneal cavity and removing spent dialysate. Input and output is controlled to maintain a constant volume in contact with the peritoneum. Though still under investigation by the University of Michigan. Larry will send you all available data just by circling number 48 on the Reader Service Card.

Larry's second product has been released, is now available and in use by many centers. It is the Morris Aortic Arch Cannula, a plastic, sterile disposable cannula for aortic arterial return. Easily inserted and removed, the cannula is available in three sizes and comes complete with a short segment of tubing attached. Circle number 49 for data.

Medical Prototype Design of Ann Arbor, Michigan, has released their K100 Hemodialysis Recirculation Chamber. Utilizing a standard coil dialyzer, the unit adapts to virtually any standard delivery system and is capable of recirculating 20 liters of dialyzate per minute as well flowing 1 to 1000 cc./minute in the single-pass mode. Details will be sent to you merely by circling number 44 on the Reader Service Card.

Dr. Jan Czekajewski, of Columbus Instruments, recently announced the release of their Expanded Cardiac Output Computer for the direct read-out measurement of cardiac output, central blood volume, mean transit time, circulatory resistance, and blood pressure. Circle number 50 on the Reader Service Card and receive complete dossier from Dr. Czekajewski.

J.W. Shaughnessy of Hewlett-Packard Company has brought a new primer on electrical safety to our attention. Application Note AN-178 is written for bioengineers, electricians, architects, and others in the medical field with a background in electronics. For your copy of this 28-page booklet, circle number 51 on the Reader Service Card.
Dr. Duane Sutfin, physiologist and Biomedical Systems Manager for Honeywell Inc., describes Honeywell's catheterization laboratory system for the measurement, recording, display and storage of physiologic data, in a new, four page brochure. This brochure is available to you by circling number 52 on the Reader Service Card.

Also now available as an accessory to virtually any ECG monitor is Honeywell's ECG Isolator. It is so designed that less than 3 microamperes would flow if the patient would contact the hot side of 120 volt A.C. power line while connected to the Isolator. Dr. Sutfin will provide details on this unit in response to your circle around number 53 on the Reader Service Card.

Pall Corporation recently announced the release of a small item of use to both manufacturers and workers in the field. It is a disposable check valve to prevent backflow in small fluid lines. Available with either tube connections or Luer connections. Stu Enfield will send you a brochure if you circle number 54 on the Reader Service Card.

Bentley Laboratories, of Santa Ana, has moved into the field of blood pump technology with two new systems. A new system of roller pumps was recently shown at the American Thoracic Society meeting in Atlanta and a complete line of these units will be available in several configurations. In addition, a pneumatically-operated ventricle-type pulsatile pump is presently available for investigational purposes. Mr. Jim Bentley will be happy to provide you with information on both of these unique systems, just circle number 64 on the Reader Service Card.

Ted Tyson, of Laboratory Instrument Exchange, Inc., has announced a new service available to everyone having equipment no longer needed. Labex will send you file cards to be filled out concerning each piece of equipment you desire to sell. These are returned to them and published in their monthly newsletter, Lab Mart. To receive Lab Mart and other details concerning this system of keeping your equipment needs fluid, circle number 56 on the Reader Service Card for a response from Ted.

Howard Hinck, of Pioneer Filter, recently told us that the Swank Filter for micro-emboli in extra-corporeal blood circuits is now available for clinical use. For a package containing reprints of the investigational work and other data, circle number 57 and Howard will respond.
SOLUTION WILL RISE TO THIS POINT WHICH IS HEAD EQUAL TO APPARENT OSMOTIC PRESSURE.

MORE CONCENTRATED SOLUTION

LESS CONCENTRATED SOLUTION

WATER FLOW

REVERSE OSMOSIS

FIGURE 2

Dean Spatz, of Osmonics, Inc., spoke to us about the technique of "reverse Osmosis" and its application to water purification. Osmonics now has available water treatment units for hospital and home dialysis. This system provides water for dialyzate that is pyrogen, bacteria, and virus free as well as virtually free of mineral ions (only 2 to 5% will remain). To get more information on this system of water treatment from Dean, Circle number 58 on the Reader Service Card.

Come Fly With Us To:
HAWAII!

Join your colleagues for eight days and seven nights in Hawaii.

1. Round trip air fare non-stop from Minneapolis-Saint Paul or Los Angeles aboard a Western Boeing 707 with first-class legroom for everyone. Of course, the fare includes in-flight meals and an open bar—all with a Hawaiian flair!

2. A lei greeting upon arrival.

3. Transportation between the hotels and airports.

4. FIVE nights accommodations on Waikiki.

5. Half-day tour of Honolulu and Mount Tantalus.

6. Round-trip air fare to the island of Kauai.

7. TWO night accommodations on Kauai.

8. Wailua River tour of Kauai, including the Fern Grotto.

9. A Mai-Tai party the evening before departure.

10. All taxes and service charges.

This tour package, which will depart late February or early March, is open to all AmSECT members in good standing, their hospital administrators, and the doctors with whom they work. Total cost of the package will be less than $350! If you are interested, circle number 62 on the Reader Service card if you prefer to leave from Minneapolis/Saint Paul or circle number 63 if you prefer to leave from Los Angeles— or visit Booth Number 13 at the 1971 Annual Conference!

(This is a preliminary announcement and plans will be finalized if sufficient interest is shown)