



1993 ABSTRACT FORM

39th Annual Meeting
New Orleans Hilton
New Orleans, Louisiana
April 29, 30 & May 1, 1993

American Society for Artificial
Internal Organs

If your paper is accepted for publication in the Annual Meeting Journal Issue, a manuscript is required April 29 in New Orleans.

ABSTRACT CLASSIFICATION (Select One)

- A Apheresis
- B Artificial Blood
- C Total Artificial Heart
- D Artificial Liver
- E Artificial Pancreas
- F Biomaterials
- G Biosensors
- H Cardiac Valves
- I Circulatory Assist
- J Clinical Trials
- K Computer Modelling/Simulation
- L Extracorporeal Perfusion
- M Gas Exchange/ECMO/ECCO₂R
- N Hemodialysis
- O Hemofiltration / Sorbents
- P Hybrid Organs/Tissue Engineering
- Q Infusion Pumps
- R Innovations
- S Musculoskeletal Prosthesis
- T Nursing
- U Otolaryngology/Head & Neck Surgery
- V Peritoneal Dialysis
- W Recombinant DNA Applications
- X Sensory & Neuroprostheses
- Y Urologic Prosthesis
- Z Vascular Prosthesis/Access

PRESENTATION FORMAT

To permit flexibility in organizing the Program, we request your approval to assign your paper to either type of Session.

- I will accept either: _____
OR
- I strongly prefer the: _____ Poster Session
Slide Forum

KOLFF AWARD

Applicant must be Presenting Author & an ASAIO Member

Please consider this abstract for the
ASAIO/WILLEM J. KOLFF
YOUNG INVESTIGATOR AWARD:

- Age 35 or younger (as of 12/31/92).
- Presentations will be judged by the Executive Committee.

Birthdate: _____ day _____ month _____ year

Deadline for RECEIPT of Abstract: November 30, 1992

ABSTRACT SUBMISSION FEE: \$15.00 per Abstract
Payment must accompany Abstract.

TITLE

CHARCOAL HEMOPERFUSION REVISITED

The use of cell separators to profuse pure plasma rather than whole blood improves the clinical efficacy of charcoal "hemoperfusion". Whole blood hemoperfusion with charcoal hemoperfusion cartridges has led to varying degrees of thrombocytopenia, charcoal microemboli, RBC loss due to clotting and over anti-coagulation.

Plasma Charcoal Perfusion is introduced using a cell separator (IBM 2997) to separate pure plasma from whole blood for the purpose of profusing a leukocyte, platelet, and RBC-free plasma through a charcoal hemoperfusion column or filter which is reinfused via a leukocyte filter to eliminate completely the probability of charcoal microemboli to the patient.

The author introduces the process of **Apheresis-Plasma Charcoal Perfusion (APCP)**. The application of a cell separator eliminates platelet absorption, charcoal microemboli, and over-anticoagulation of the patient.

R. Duarte, Nursing Services in Nephrology - Cottage Hospital.

DO NOT show degrees, departments, city, state in abstract.
Author & Institution ONLY!

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