

Stanford



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CONTACT INFORMATION

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Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty-Med Ctr Line, Medicine

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

High flux dialysis in in-vivo and in-vitro clearances, of small and middle molecular weight solutes; computerized capture, of interdialysis hemodynamics; biocompatibility of biomembranes; dialysis-related amyloidosis

Publications

PUBLICATIONS

- **Imatinib in the Treatment of Nephrogenic Systemic Fibrosis** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Chandran, S., Petersen, J., Jacobs, C., Forentino, D., Doeden, K., Lafayette, R. A.
2009; 53 (1): 129-132
- **Efficacy of hemodialysis and charcoal hemoperfusion in carbamazepine overdose** *CLINICAL TOXICOLOGY*
Pilapil, M., Petersen, J.
2008; 46 (4): 342-343
- **Delivery of erythropoietin with a needleless injection system during hemodialysis maintains plasma levels** *ASAIO JOURNAL*
Petersen, J., Jani, A.
2001; 47 (6): 608-610
- **Renal artery stenosis in kidney transplants** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Fervenza, F. C., Lafayette, R. A., Alfrey, E. J., Petersen, J.
1998; 31 (1): 142-148
- **The site of injection affects erythropoietin levels during dialysis** *ASAIO JOURNAL*
Petersen, J., Kang, M. S., Yeh, I.
1996; 42 (4): 263-265

- **CO₂ angiography - A technique for vascular imaging in renal allograft dysfunction** *TRANSPLANTATION*
Kuo, P. C., Petersen, J., Semba, C., Alfrey, E. J., Dafoe, D. C.
1996; 61 (4): 652-654
- **Erythropoietin can be administered during dialysis - A kinetic analysis** *ASAIO JOURNAL*
Petersen, J., Kang, M. S., Hays, M. T.
1996; 42 (1): 27-33
- **The dialysis prescription: Reuse** *AMERICAN JOURNAL OF NEPHROLOGY*
MAIDMENT, H. J., Petersen, J. E.
1996; 16 (1): 52-59
- **THE INCIDENCE OF RENAL-FAILURE IN 100 CONSECUTIVE HEART-LUNG TRANSPLANT RECIPIENTS** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Pattison, J. M., Petersen, J., Kuo, P., VALANTINE, V., Robbins, R. C., Theodore, J.
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- **MANAGEMENT OF THYROID PAPILLARY CARCINOMA WITH RADIOIODINE IN A PATIENT WITH END-STAGE RENAL-DISEASE ON HEMODIALYSIS** *CLINICAL NUCLEAR MEDICINE*
MELLO, A. M., Isaacs, R., Petersen, J., Kronenberger, S., McDougall, I. R.
1994; 19 (9): 776-781
- **MYOGLOBINURIC ACUTE RENAL FAILURE IN A CARDIAC TRANSPLANT PATIENT TAKING LOVASTATIN AND CYCLOSPORINE** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
ALEJANDRO, D. S., Petersen, J.
1994; 5 (2): 153-160
- **IN-VIVO EFFECT OF BETA(2)-MICROGLOBULIN ON BONE-RESORPTION** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Petersen, J., Kang, M. S.
1994; 23 (5): 726-730
- **A MULTIVARIATE-ANALYSIS OF MORTALITY AND HOSPITAL ADMISSIONS WITH HIGH-FLUX DIALYSIS** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
Hornberger, J. C., Chernew, M., Petersen, J., Garber, A. M.
1992; 3 (6): 1227-1237
- **AN INVIVO ANALYSIS OF REVERSE ULTRAFILTRATION DURING HIGH-FLUX AND HIGH-EFFICIENCY DIALYSIS** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Hyver, S. W., Petersen, J., CAJIAS, J.
1992; 19 (5): 439-443
- **A MODEL OF THE VOLUMETRICALLY-CONTROLLED HEMODIALYSIS CIRCUIT** *KIDNEY INTERNATIONAL*
Pallone, T. L., Hyver, S. W., Petersen, J.
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- **VARIABILITY AMONG METHODS TO ASSESS PATIENTS WELL-BEING AND CONSEQUENT EFFECT ON A COST-EFFECTIVENESS ANALYSIS** *JOURNAL OF CLINICAL EPIDEMIOLOGY*
Hornberger, J. C., Redelmeier, D. A., Petersen, J.
1992; 45 (5): 505-512
- **THE EFFECTS OF REPROCESSING CUPROPHANE AND POLYSULFONE DIALYZERS ON BETA-2-MICROGLOBULIN REMOVAL FROM HEMODIALYSIS-PATIENTS** *AMERICAN JOURNAL OF KIDNEY DISEASES*
Petersen, J., Moore, R. M., Kaczmarek, R. G., Singh, B., Yeh, I., Hamburger, S., KANKAM, M.
1991; 17 (2): 174-178
- **Evaluation of dialyzers used in shortened dialysis.** *ASAIO transactions / American Society for Artificial Internal Organs*
Petersen, J., Ramsey, K. D., Kang, M. S., Yeh, I. T.
1989; 35 (3): 338-340
- **THE SIMULATION OF CONTINUOUS ARTERIOVENOUS HEMODIALYSIS WITH A MATHEMATICAL-MODEL** *KIDNEY INTERNATIONAL*
Pallone, T. L., HYVER, S., Petersen, J.

1989; 35 (1): 125-133

● **EFFECT OF INSULIN THERAPY ON ESTABLISHED DIABETIC NEPHROPATHY IN RATS** *DIABETES*

Petersen, J., Ross, J., Rabkin, R.

1988; 37 (10): 1346-1350

● **Blood-dialysate equilibration during continuous arteriovenous hemodialysis.** *ASAIO transactions / American Society for Artificial Internal Organs*

Pallone, T. L., HYVER, S., Petersen, J.

1988; 34 (3): 512-514

● **Hemodynamic and atrial natriuretic peptide responses to fluid removal and reinfusion in hemodialysis patients.** *ASAIO transactions / American Society for Artificial Internal Organs*

Petersen, J., Li, C. C., Bishop-Abney, N., Seniw, C. M.

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● **CONTINUOUS ARTERIOVENOUS HEMOFILTRATION - AN INVITRO SIMULATION AND MATHEMATICAL-MODEL** *KIDNEY INTERNATIONAL*

Pallone, T. L., Petersen, J.

1988; 33 (3): 685-698

● **High flux and cellulosic membranes. Biocompatibility and in vivo clearances.** *ASAIO transactions / American Society for Artificial Internal Organs*

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● **A mathematical model of continuous arteriovenous hemofiltration predicts performance.** *ASAIO transactions / American Society for Artificial Internal Organs*

Pallone, T. L., Petersen, J.

1987; 33 (3): 304-308