Subject Index

A1 = Abstracts, 2nd Annual Workshop of the International Society of Hemofiltration A2 = Abstracts, 3rd Annual International Workshop on Hemofiltration

Charcoal hemoperfusion, aluminum removal 224 (A2)
Chronic ambulatory peritoneal dialysis
fluid overload 51 (A1)
interleukin 1 48 (A1) Chronic arteriovenous hemofiltration, polysulfone
hemofilter 202 (A2) Chronic renal failure, oxidized serum albumin 204 (A2) Complement activation, HD 98 Complement generation, HD 181 Congestive heart failure
continuous arteriovenous hemofiltration 216 (A2)
hemofiltration 199 (A2) Continuous ambulatory peritoneal dialysis,
interleukin 1 226 (A2) Continuous arteriovenous hemodiafiltration 209 (A2) Continuous arteriovenous hemofiltration
acute renal failure 57 (A1)
adult respiratory distress syndrome 53 (A1)
burned patients 209 (A2)
cardiac failure 50 (A1)
critically ill infant 208 (A2)
different clinical conditions 55 (A1), 115
hemofilter performance 201 (A2), 219 (A2)
hepatic failure 63 (A1)
membrane permeability 59 (A1)
middle molecules 212 (A2)
multiple organ failure 228 (A2)
N-acetylprocainamide 214 (A2)
refractory edema 216 (A2)
solute clearance 217 (A2)
ultrafiltrate velocity 217 (A2)
Convective solute transport, membrane structure 217 (A2)
234
Subject Index

Convective transport, backfiltration 108 Cuprophan
HF 46 (A1)
platelet function 173
Desferrioxamine
aluminum and iron overload 45 (A1), 61 (A1)
aluminum encephalopathy 224 (A2) Diabetic uremia, hemofiltration 197 (A2) Di afiltration
premature infants 199 (A2)
single needle 199 (A2) Dialysate
buffer free 217 (A2)
composition, blood volume 206 (A2) Dialysis membranes, electrical charges 205 (A2) Dialyzer clearance 215 (A2)
Diffuse solute transport, membrane structure 217 (A2) Doxepin, hemoperfusion 213 (A2) Drug elimination, current methods 14
Endotoxins, rejection in ultrafilters 222 (A2) End-stage renal failure, short treatment 200 (A2)
Fever, HD 125
Heart failure, ultrafiltration 57 (A1) Hemofiltration acid-base balance 204 (A2)
bicarbonate transfer 204 (A2)
biofiltration 64 (A1), 205 (A2)
carnitine removal 63 (A1)
children 203 (A2)
closed volume 50 (A1)
dialysate as substitution fluid 200 (A2)
efficiency 30
diabetes end-stage renal disease 196 (A2)
fast safe treatment 206 (A2)
high efficiency 210 (A2)
high flux 44 (A1), 200 (A2)
highly permeable membranes 62 (A1)
hypertonic 70
hypoxemia 204 (A2)
tolerance 56 (A1)
long-time experience 47 (A1), 76
middle molecules 54 (A1)
etilmicin kinetics 203 (A2) online 210 (A2) one-needle 221 (A2) paired filtration dialysis 203 (A2) performance characteristics 44 (A1) polysulfone membrane 218 (A2) short bicarbonate system 205 (A2) sodium balance 70
two joined different membranes 211 (A2) urea kinetics 221 (A2) vascular stability 76 versus hemofiltration 218 (A2) Hemodialysis acetate kinetics 81
acid-base status 54 (A1)
acute phase reactants 123
adverse patient reactions 225 (A2)
albumin reduction 204 (A2)
aluminum removal 224 (A2)
anemia 65
carnitine removal 63 (A1)
complement activation 98
complement generation 181
crossover comparison with hemofiltration 222 (A2) cuprophan versus polyacrylonitrile 46 (A1) daily 218 (A2)
desferrioxamine treatment 61 (A1) drug elimination 14 efficiency 30 granulocyte elastase 36 highly permeable membranes 62 (A1) 3 X 3 hours/week 219 (A2) hyperthermia 125 hypoxemia 98
interleukin 1 induction 198 (A2) intolerance 56 (A1) leukopenia 36, 98, 181 netilmicin kinetics 203 (A2) norepinephrine 206 (A2) phosphorus kinetics 212 (A2) platelet function 173 protein C 93
Subject Index

235

Hemodialyzers, backfiltration 108

Hemodynamics
acetate dialysis 210 (A2)
bicarbonate dialysis 210 (A2) Hemofilter
high ultrafiltration 135
new geometry 202 (A2)
performance 201, 219 (A2) Hemofiltrate, sorbent recycling 61 (A1) Hemofiltration acetate kinetics 81
acid-base balance 228 (A2)
acid-base status 54 (A1)
acute renal failure 208 (A2)
adequacy, benefits, complications 149
albumin reduction 204 (A2)
aluminum and zinc exchange 45 (A1)
aluminum intoxication 45 (A1)
ascitic fluid as prediluent 45 (A1)
batch preparation of replacement fluid 158
bicarbonate substitution fluid 207 (A2)
bilirubin removal 58 (A1)
bleed temperature 58 (A1)
bone metabolism 223 (A2)
bone mineral content 211 (A2)
calcium balance 60 (A1)
carnitine removal 63 (A1)
cefuroxime kinetics 223 (A2)
congestive heart failure 199 (A2)
crossover comparison with hemodialysis 222 (A2)
cuprophan 46 (A1)
desferrioxamine treatment 61 (A1)
diabetic uremia 197 (A2)
different heparins 56 (A1)
dose, efficiency 149, 30
drug elimination 14
five years experience 201 (A2)
fluid overload in CAPD 51 (A1)
glucose and nitrogen metabolism 47 (A1)
heart failure 197 (A2)
hemodynamics 210 (A2)
high efficiency 210 (A2)
high ultrafiltration 135
in children 220 (A2)
lactate levels 49 (A1), 228 (A2)
liver diseases 208 (A2)
low heparin 213 (A2)
membrane plasma exchange 41
middle molecules 54 (A1)
neurohumoral systems 199 (A2)
on-line 210 (A2)
on-line system 52 (A1)
on-site production of substitution fluid 49
phosphorus kinetics 222 (A2)
poor risk patients 59 (A1)
protein nutrition 201 (A2)
red cell Na, K pump 59 (A1), 130
short time 49 (A1)
short-time effects 52 (A1)
simultaneous HD 196 (A2)
slow flow 52 (A1)
solute transport 52 (A1)
sorbent recycling 23
spontaneous 220 (A2)
substitution fluid preparation 51 (A1)
thyroid function 2
urea kinetic modeling 49 (A1)
vascular response 62 (A1)
vascular stability 7, 58 (A1), 164
versus hemodiafiltration 218 (A2)
Wilson’s disease 212 (A2)
without exogenous substitution fluid 47 (A1)
without substitution fluid 226 (A2) Hemoperfusion
doxepin 213 (A2)
drug elimination 14
paracetamol intoxication 63 (A1) Heparin
hemofiltration 213 (A2)
low molecular weight 56 (A1)
platelets 202 (A2) Highly permeable membranes, backfiltration 108 Hyperthermia, HD 125
Hypoxemia, HD 98
Interleukin 1
CAPD 48 (A1), 226 (A2)
HD 125
induction during HD 198 (A2)
rejection by ultrafilters 197 (A2) Iron overload, desferrioxamine 61 (A1) Isoxepac, elimination 14
Lactate, plasma levels in hemofiltration 49 (A1),
228 (A2) Leukopenia, HD 36, 98, 181 Liver diseases, hemofiltration 208 (A2) Lymphocyte cell
cycle, apheresis 46 (A1)
Membrane plasma exchange, single needle HF 41 Membrane plasma separation in children 216
(A2)
Subject Index

Metamizole, elimination 14 Middle molecules
arteriovenous hemofiltration 212 (A2)
HF, HDF 54 (A1)
slow continuous ultrafiltration 212 (A2) Modeling short treatment 214 (A2)
Na, $K_p$ pump, HF 59 (A1), 130 N-acetylprocainamide, continuous arteriovenous
hemofiltration 214 (A2) Netilmicin, kinetics in HDF and HD 203 (A2) Nomifensine, elimination
14 Norepinephrine, hemodialysis 206 (A2)
Oxidized serum albumin 204 (A2)
Paired filtration-dialysis 51 (A1), 203 (A2) Paracetamol intoxication, CAVH and PH 63 (A1)
Parathyroid function, hemofiltration 223 (A2) Penbutolol, elimination 14 Phosphorus kinetics
(A2)
biomembrane 212 (A2)
plasmapheresis 222 (A2) Plasma exchange
Goodpasture's syndrome 196 (A2)
plasma exchange
systemic lupus erythematosus 210 (A2) Plasma regeneration systems 215 (A2) Plasmapheresis,
drug elimination 14 Platelet function, cuprophan 173 Platelets
hemodialysis 202 (A2)
heparin 202 (A2) Polyacrylonitrile
HF 46 (A1)
ultrafiltration 53 (A1) Polyacrylonitrile membrane, biofiltration 218 (A2) Polycarbonate
biocompatibility 207 (A2)
plasma filter 207 (A2)
platelet function 173 Polymorphonuclear neutrophils, dialysis membranes
205 (A2) Polysulfone membranes
arteriovenous hemofiltration 197 (A2)
hemodialysis 218 (A2)
hemofilter 202 (A2)
pyrogen permeability 224 (A2) Procainamide, elimination 14 Protein, C, HD 93
Protein nutrition, hemofiltration 201 (A2) Pulmonary circulation, hemodialysis 225 (A2)
Pyrogen permeability, polysulfone membranes
224 (A2) Pyrogens
HD 125
replacement fluid 158
Simultaneous dialysis and filtration 217 (A2) Sodium balance, HDF 70 Sodium mass transfer,
vascular stability 164 Sorbent recycling
hemofiltrate 61 (A1)
ultrafiltrate 23 Substitution fluid
bacterial count 158
batch preparation 158
bicarbonate 207 (A2)
dialysate 200 (A2) Symptomatic hypotension, HDF 76 Systemic lupus erythematosus, plasma
exchange 210 (A2)
Thyroid function, HF 2 Thyroxine, HF 2 Triiodothyronine, HF 2
Ultrafilter
interleukin 1 (A2)
rejection of endotoxins 222 (A2)
rejection of microorganisms 222 (A2) Ultrafiltrate, sorbent recycling 23 Ultrafiltration
blood volume 206 (A2)
heart failure 57 (A1)
intragaotic balloon pump 48 (A1)
norepinephrine 206 (A2)
polyacrylonitrile membrane 53 (A1) Urea kinetics
hemodiafiltration 221 (A2)
HF 49 (Al) Uremia
biofiltration 187
nonamyloid material deposition 142
blood temperature 164
calcium infusion 7
HDF 76
HF 58 (Al) Viscometer, blood hydration 64 (A1)