

# Keyword Index Volume 7 (1999)

antimicrobial activity	359	hand grasp	393
aspiration	359	hemodynamics (G9.330.612.+)	225
biofluid	271	higher-order statistics and spectra	85
biomedical instrumentation	143	hyperemia	205
biosignal	137	ICU patient	243
bispectral analysis	85	infants	63
bladder	393	information systems	331
blood	171	isoflurane	29
blood circulation (G9.330.163)	225	Kalman filter	103
blood flow	205, 219	laser-Doppler	163, 171, 185, 193
blood flow signal	185	laser-Doppler flowmetry	85, 103, 125, 143
blood perfusion	125	laser-Doppler flux	205
blood supply	143	laser-Doppler technique	113
breath analysis	29	mass spectrometry	243
cerebral hemoglobin concentration	63	mathematics – algorithms (H1.548.35)	225
chaos	205	mechanical ventilation	29
characteristic curve	359	microaspiration	359
classification	85	microcirculation	125, 143, 171, 193
coherence	103	microperfusion	163
data compression	285	microsurgery	219
database design	331	monitoring	219
decontamination	359	Monte Carlo	171
delay time	243	MTF	53
dialysis	371	mucus	271
diffusion capacity	271	multivariate time-varying autoregression	103
digital signal filtering	125	nasal physiology	271
disturbance	185	natural sensors	393
Doppler shift	143	near infrared spectrophotometry	63
Doppler spectrum	185	nerve cuff electrode	393
drop-foot	393	neural nets	137
EEG	285	nifedipine	193
electronic patient record	331	nifedipine (D3.383.725.203.540)	225
endotracheal tube	359	nonlinear dynamics	205
FES	393	nonlinear dynamics (H1.548.675)	225
flowmetry	171	optical methods	371
flowmotion patterns	113	osmotic resistance	371
fractal	205	perfusion	171
FRC	243	phosphors	53
free flap	219	platelets	371
frequency analysis	219	polysomnography	331
gas exchange	243	positioning	63
gas transport	243	preterm	63
gas viscosity	243		

principal component analysis	285	spectral analysis	103, 113, 163
principal components	137	spectral estimation	125
probe	63	subband coding	285
pulmonary gas exchange	271	tissue	171
Raynaud's disease	193	tissue motion	185
Raynaud's disease (C14.907.744.+)	225	vasodilation	113
Raynaud's phenomenon	85, 103, 113, 163	vasomotion	219
sampling capillary	243	vector quantization	285
SCET	359	velocity spectrum	185
silver	359	ventilator-associated pneumonia	359
silver-coated endotracheal tube	359	ventilatory support	243
silver-coating	359	X-ray image detectors	53
simulations	171	X-ray luminescence	53
sleep disorders	331		