

## AUTHOR INDEX TO VOLUME 68

### A

- Abdul-Rasool, Imad H., *see* Sears, Daniel H.  
 Abernethy, Darrell R., *see* Hill, Douglas C.  
 Abramowitz, Joseph: Cardiac Arrest during Spinal Anesthesia. I, 970  
 Abramson, Fred P., *see* Craft, John B., Jr.  
 Albin, Maurice S., *see* Bunegin, Leonid  
 Ali, Hassan H., *see* Savarese, John J.  
 Alifimoff, James K., *see* Goudsouzian, Nishan G.  
 Angert, Kevin C., *see* Gravlee, Glenn P.  
 Arasi, Robert, *see* Wills, Michael H.  
 Arden, James: Managing Patients with AIDS—Update, 164  
 Arden, James R., Lynam, Daniel P., Castagnoli, Kay P., Canfell, P. Claver, Cannon, John C., Miller, Ronald D.: Vecuronium in Alcoholic Liver Disease: A Pharmacokinetic and Pharmacodynamic Analysis, 771  
 Argov, Zohar, *see* Olgin, Jeffrey  
 Arthur, G. Richard, *see* Pedersen, Hilda  
 Artru, Alan A.: Muscle Relaxation with Succinylcholine or Vecuronium Does Not Alter the Rate of CSF Production or Resistance to Reabsorption of CSF in Dogs, 392  
 Artru, Alan A., *see* Bowdle, T. Andrew  
 Astrup, Jens: Lidocaine and Cerebral Metabolism, 469  
 Astrup, Poul, Severinghaus, John W.: The History of Blood Gases, Acids and Bases, 977  
 Astrup, Poul B., *see* Severinghaus, John W.  
 Atiba, J. O., Horai, Y., White, P. F., Trevor, A. J., Blaschke, T. F., Sung, M.-L.: Effect of Etomidate on Hepatic Drug Metabolism in Humans, 920  
 Atlee, John L., III, Hamann, Scott R., Brownlee, Susan W., Kreigh, Candida: Conscious State Comparisons of the Effects of the Inhalation Anesthetics and Diltiazem, Nifedipine, or Verapamil on Specialized Atrioventricular Conduction Times in Spontaneously Beating Dog Hearts, 519  
 Aun, Neoh Choo, Jawan, B., Lee, J. H.: A Modification of Magill's Forceps, 649  
 Ausems, Max E., Vuyk, Jaap, Hug, Carl C., Jr., Stanski, Donald R.: Comparison of a Computer-assisted Infusion Versus Intermittent Bolus Administration of Alfentanil as a Supplement to Nitrous Oxide for Lower Abdominal Surgery, 851  
 Ausems, Max E., *see* Maitre, Pierre O.  
 Axelrod, Felicia B., Donenfeld, Roger F., Danziger, Fred, Turndorf, Herman: Anesthesia in Familial Dysautonomia, 631  
 Azizkhan, Richard G., *see* Schur, Michael S.

### B

- Bagshaw, Roger J., *see* Young, Marie L.  
 Baines, David: Epiglottitis in Young Infants, 822

- Baker, B. Wycke, *see* Rosen, Mark A.  
 Barker, Steven J.: Reply, 301  
 Bashein, G.: Another Source of Artifact in the Pulmonary Artery Pressure Waveform, 310  
 Bassell, Gerard M., *see* Frerichs, Robert L.  
 Basta, Salvatore J., *see* Savarese, John J.  
 Bates, James N., *see* Chestnut, David H.  
 Baxter, M. K., *see* Laycock, J. R. D.  
 Beach, Thomas P., *see* Warner, Louise O.  
 Bedford, Robert F., *see* Stirt, Joseph A.  
 Bee, David E., *see* King, William H.  
 Beebe, Jay J., *see* Sessler, Daniel I.  
 Beechey, A. P. G., *see* Franks, J. J.  
 Benca, Joan F., Hickey, Paul R., Dornbusch, Jeffrey N., Koka, Babu V., McGill, Trevor J., Jonas, Richard: Ventilatory Management Assisted by Cardiopulmonary Bypass for Distal Tracheal Reconstruction in a Neonate, 270  
 Benedetti, Costantino, *see* Ready, L. Brian  
 Benirschke, K., *see* Partridge, B. L.  
 Benson, Don M., *see* Williams, E. Lynne  
 Benthuysen, James L., Kien, Nguyen D., Quam, Darcy D.: Intracranial Pressure Increases during Alfentanil-induced Rigidity, 438  
 Benumof, Jonathan L.: Anesthesia for Thoracic Surgery, 831  
 Benumof, Jonathan L., Partridge, Brian L.: Reply, 827  
 Benumof, Jonathon L.: Separating the Lungs of Dogs Without Obstructing the Right Upper Lobe Bronchus, 169  
 Berg, Alain, *see* Murat, Isabelle  
 Berge, Keith H., Faust, Ronald J.: A Stylet for Difficult Intubations, 810  
 Bergstrom, Richard G., *see* Thomson, Ian R.  
 Berko, Robert, *see* Goldberg, Michael E.  
 Bernstein, Ralph L.: Reply, 641  
 Berry, Arnold J.: Prevention of Blood-borne Infections in Anesthesia Personnel, 164  
 Bertrand, M., *see* Mankikian, B.  
 Bevacqua, Brian K.: Supraventricular Tachycardia Associated with Postpartum Metoclopramide Administration, 124  
 Bevan, D. R., *see* Laycock, J. R. D.  
 Bevan, J. C., *see* Laycock, J. R. D.  
 Blackstock, Derek: Reply, 304  
 Blackstock, Derek: Reply, 822  
 Blackstock, Derek, *see* Montgomery, Carolyne J.  
 Blair, John, *see* Finer, Paul  
 Blanc, Victor Faria, Charest, Jean: Epiglottitis in Young Infants, 302  
 Blaschke, T. F., *see* Atiba, J. O.  
 Blomberg, Richard, *see* Gilbert, Mads  
 Bloom, Marc J., *see* Young, Marie L.  
 Boeckx, Roger, *see* Welborn, Leila G.  
 Boehland, Lowell A., *see* Warner, David S.  
 Böhm, Michael, Roewer, Norbert, Schmitz, Wilhelm, Scholz, Hasso, Schulte am Esch,

- Jochen: Effects of Beta- and Alpha-adrenergic Agonists, Adenosine, and Carbachol in Heart Muscle Isolated from Malignant Hyperthermia Susceptible Swine, 38  
 Bollen, Bruce, Ross, Alan: Isoflurane and the Coronary Circulation, 311  
 Bolsin, S. N. C.: Is the EEG a Useful Monitor during Cardiac Surgery?, 956  
 Bosnjak, Zeljko J., *see* Stowe, David F.  
 Boucek, Charles D., Gunnerson, Helena B., Tullock, William C.: Reply, 298  
 Bowdle, T. Andrew, Artru, Alan A.: Treatment of Air Embolism With a Special Pulmonary Artery Catheter Introducer Sheath in Sitting Dogs, 107  
 Bowen, Kimberly A., *see* Muldoon, Sheila M.  
 Bradley, Edwin L., *see* Wheeler, David M.  
 Brajtford, Dan, *see* Ramsay, Michael A. E.  
 Braswell, Melvin E., Jr., *see* Craft, John B., Jr.  
 Braun, Ira F., *see* Hotchkiss, Richard S.  
 Braunegg, Paul W., *see* Gibbs, Neville M.  
 Bremer, Don L., *see* Warner, Louise O.  
 Brett, Claire M., *see* Henderson, Jane M.  
 Bridenbaugh, L. Donald, *see* Brown, David L.  
 Briggs, William L., Currey, Tim: A Further Note on Computer-assisted Continuous Infusion, 165  
 Broadman, Lynn M., *see* Soliman, Iris E.  
 Brodin, Lars-Åke, *see* Öwall, Anders  
 Brodsky, Drew A., *see* Henderson, Jane M.  
 Brodsky, Jay B., *see* Swerdlow, Barry N.  
 Broelsch, Christoph E., *see* Lichtor, J. Lance  
 Brown, B. R., Jr., *see* Hubbard, A. K.  
 Brown, Carl K., *see* Chestnut, David H.  
 Brown, David L., Carpenter, Randall L., Moore, Daniel C., Bridenbaugh, L. Donald, Rupp, Stephen M., Ramsey, Donald H., Thompson, Gale E., Mulroy, Michael F.: Cardiac Arrest during Spinal Anesthesia. III, 971  
 Browner, W., *see* Knight, A. A.  
 Brownlee, Susan W., *see* Atlee, John L., III  
 Brüssel, Thomas, *see* Van Aken, Hugo  
 Buckland, Mark R., *see* McCarroll, S. Máire  
 Buffington, Charles W.: Reply, 312  
 Bullard, Willis G., *see* Romanoff, Mark E.  
 Bunegin, Leonid, Albin, Maurice S.: Reply, 179  
 Burk, William J., III: Should a Fiberoptic Bronchoscope be Routinely Used to Position a Double-lumen Tube?, 826  
 Butcher, Bruce, *see* Caldwell, Craig  
 Butcher, Michael D., *see* Swerdlow, Barry N.  
 Butterworth, John F., IV, Lief, Philip A., Strichartz, Gary R.: The pH-Dependent Local Anesthetic Activity of Diethylaminoethanol, a Procaine Metabolite, 501

### C

- Caldwell, Craig, Butcher, Bruce: Extracorporeal Shock Wave Lithotripsy in Infants and Small Children: Gantry Modification, 658

- Calvillo, Octavio, *see* Ghignone, Marco  
 Campbell, J., *see* Frerichs, Robert L.  
 Campbell, James N., *see* Raja, Srinivasa N.  
 Camu, F., *see* Diltor, M.  
 Canfell, P. Claver, *see* Arden, James R.  
 Cannon, John C., *see* Arden, James R.  
 Cantineau, J. P., *see* Mankikian, B.  
 Caplan, Robert, *see* Ready, L. Brian  
 Caplan, Robert A., Posner, Karen, Ward, Richard J., Cheney, Frederick W.: Reply, 973  
 Caplan, Robert A., Ward, Richard J., Posner, Karen, Cheney, Frederick W.: Unexpected Cardiac Arrest during Spinal Anesthesia: A Closed Claims Analysis of Predisposing Factors, 5  
 Caroff, Stanley N., Mann, Stephan C., Rosenberg, Henry, Fletcher, Jeffrey E., Heiman-Patterson, Terry D.: Reply, 313  
 Carpenter, Randall L., *see* Brown, David L.  
 Case, L. Douglas, *see* Gravlee, Glenn P.  
 Cason, Brian A., *see* Hickey, Robert F.  
 Cassisi, Nicholas J., *see* Pashayan, Annette G.  
 Cassuto, Jean, *see* Sinclair, Robert  
 Castagnoli, Kay P., *see* Arden, James R.  
 Catravas, John D., *see* Toivonen, Hannu J.  
 Chadwick, H. S., Ready, L. Brian: Intrathecal and Epidural Morphine Sulfate for Postcesarean Analgesia—A Clinical Comparison, 925  
 Chadwick, H. S., *see* Ready, L. Brian  
 Chance, Britton, *see* Olgin, Jeffrey  
 Charest, Jean, *see* Blanc, Victor Faria  
 Cheek, David B., *see* Rosen, Mark A.  
 Chelly, Jacques E., *see* Hill, Douglas C.  
 Chen, Linda, Miller, Francis L., Malmkvist, Gunnar, Cooley, Randahl, Marshall, Carol, Marshall, Bryan E.: Intravenous PGF<sub>2A</sub> Infusion Does Not Enhance Hypoxic Pulmonary Vasoconstriction during Canine One-lung Hypoxia, 226  
 Cheney, Frederick W., Owen, Robert L.: Reply, 299  
 Cheney, Frederick W., *see* Caplan, Robert A.  
 Chestnut, David H., Ostman, Lars G., Weiner, Carl P., Hdez, Michael J., Wang, Jin P.: The Effect of Vasopressor Agents upon Uterine Artery Blood Flow Velocity in the Gravid Guinea Pig Subjected to Ritodrine Infusion, 363  
 Chestnut, David H., Owen, Cindy L., Bates, James N., Ostman, Lars G., Choi, Won W., Geiger, Marianne W.: Continuous Infusion Epidural Analgesia during Labor: A Randomized, Double-blind Comparison of 0.0625% Bupivacaine/0.0002% Fentanyl Versus 0.125% Bupivacaine, 754  
 Chestnut, David H., Owen, Cindy L., Brown, Carl K., Vandewalker, Gail E., Weiner, Carl P.: Does Labor Affect the Variability of Maternal Heart Rate during Induction of Epidural Anesthesia?, 622  
 Choi, Won W., *see* Chestnut, David H.  
 Chrubasik, Joachim, Wüst, Hans, Schulte-Mönting, Joachim, Thon, Klaus, Zindler, Martin: Relative Analgesic Potency of Epidural Fentanyl, Alfentanil, and Morphine in Treatment of Postoperative Pain, 929  
 Chung, James H., *see* Harrison, Deborah M.  
 Chung, Marion R., *see* Lichtor, J. Lance  
 Cohen, David E., Downes, John J., Raphaely, Russell C.: What Difference Does Pulse Oximetry Make?, 181  
 Cohen, Edmond, Kirschner, Paul A., Goldofsky, Sheldon: Intraoperative Manipulation for Positioning of Double-lumen Tubes, 170  
 Cohen, Leonard I.: Asystole during Spinal Anesthesia in a Patient with Sick Sinus Syndrome, 787  
 Cohen, S. E., Tan, S., White, P. F.: Sufentanil Analgesia Following Cesarean Section: Epidural Versus Intravenous Administration, 129  
 Cohen, Seth A., *see* Geiduschek, Jeremy  
 Collee, George: Reply, 307  
 Conover, Steven R., *see* Savolaine, Edward R.  
 Cooke, James E., *see* Shafer, Steven L.  
 Cooley, Randahl, *see* Chen, Linda  
 Cooper, Jeffrey B., Cullen, David J.: Reply, 968  
 Cordell, A. Robert, *see* Gravlee, Glenn P.  
 Cormack, Ronald S., *see* Royston, Barbara D.  
 Corssen, Guenter, Reves, J. G., Stanley, Theodore H.: Intravenous Anesthesia and Analgesia, 831  
 Costa, Anita K., *see* Schieble, Thomas M.  
 Coté, Charles J., Goldstein, E. Andrew, Coté, Marjorie A., Hoaglin, David C., Ryan, John F.: A Single-blind Study of Pulse Oximetry in Children, 184  
 Coté, Charles J., *see* Goudsouzian, Nishan G.  
 Coté, Marjorie A., *see* Coté, Charles J.  
 Covino, Benjamin G., *see* Pedersen, Hilda  
 Craft, John B., Jr., Goldberg, Neal H., Lim, Myeung, Landsberger, Ellen, Mazel, Paul, Abramson, Fred P., Stolte, Alan L., Braswell, Melvin E., Jr., Farina, John P.: Cardiovascular Effects and Placental Passage of Dantrolene in the Maternal-fetal Sheep Model, 68  
 Crider, Bruce, *see* Pandit, Sujit K.  
 Crone, Robert K., *see* Hershenson, Marc B.  
 Crotogini, Alberto, *see* Qvist, Jesper  
 Cubler, A. J., *see* Sosis, Mitchel  
 Cullen, Bruce F., *see* Geiduschek, Jeremy  
 Cullen, Bruce F., *see* Sherman, Scott J.  
 Cullen, David J., *see* Cooper, Jeffrey B.  
 Currey, Tim, *see* Briggs, William L.
- D
- Da Silva, Carlos A., *see* Steward, David J.  
 Dadabhoy, Zerine P., Winnie, Alon P.: Regional Anesthesia for Cesarean Section in a Parturient with Noonan's Syndrome, 636  
 Dado, Diane V., *see* Roth, Andrew G.  
 Dailey, Patricia A., *see* Glostien, Beth  
 Dailey, Patricia A., *see* Preston, Paul G.  
 Dailey, Patricia A., *see* Rosen, Mark A.  
 Daniels, Don, *see* Preston, Paul G.  
 Danziger, Fred, *see* Axelrod, Felicia B.  
 Datta, Sanjay, *see* Popitz-Bergez, Frederique  
 Davies, J. M., Strunin, L.: Pollution Associated with Keyed Filling Devices, 812  
 Day, Franklin J.: Stellate Ganglion Block: Normal Saline as Placebo, 819  
 Deloof, Thierry, *see* Lejeune, Philippe  
 Denson, Donald D., *see* Mazoit, Jean Xavier  
 DeSimone, Cheryl A., *see* Leighton, Barbara L.  
 DeSoto, Hernando, Patel, Ramesh I., Soliman, Iris E., Hannallah, Raafat S.: Changes in Oxygen Saturation Following General Anesthesia in Children with Upper Respiratory Infection Signs and Symptoms Undergoing Otolaryngological Procedures, 276  
 de Soto, Hernando, *see* Welborn, Leila G.  
 DeTraglia, Michael C., Komai, Hirochika, Rusy, Ben F.: Differential Effects of Inhalation Anesthetics on Myocardial Potentiated-state Contractions *In Vitro*, 534  
 Dewan, David M., *see* Eisenach, James C.  
 de Wolf, A., *see* Van Zundert, A.  
 de Wolf, A., *see* Zundert, A. Van  
 Diaz, James H.: Continuous Monitoring of Intra-cuff Pressures in Endotracheal Tubes, 813  
 Diaz, James H., Furman, Eric B.: Reply, 824  
 Dicks, Alan, *see* Williams, E. Lynne  
 DiFazio, Cosmo A., *see* Stone, David J.  
 Diltor, M., Camu, F.: Glucose Homeostasis and Insulin Secretion during Isoflurane Anesthesia in Humans, 880  
 DiNardo, James A., *see* Priebe, Hans-Joachim  
 Dlewatli, Abdallah, *see* Hill, Douglas C.  
 Donati, F., *see* Laycock, J. R. D.  
 Donegan, J. H.: Manual of Anesthesia for Emergency Surgery, 660  
 Donegan, Judith H., Rupp, Stephen: Should Multiorifaced Central Venous Catheters be Heparin Bonded?, 178  
 Donenfeld, Roger F., *see* Axelrod, Felicia B.  
 Donham, Robert T., *see* Sendak, Michael J.  
 Dornbusch, Jeffrey N., *see* Benca, Joan F.  
 Dorph, Sven, *see* Qvist, Jesper  
 Doursout, Marie-Françoise, *see* Hill, Douglas C.  
 Downes, John J., *see* Cohen, David E.  
 Dray, Andre: Epidural Opiates and Urinary Retention: New Models Provide New Insights, 323  
 Dresner, David L., Lebowitz, Philip W.: Atrioventricular Sequential Pacemaker Inhibition by Transurethral Electrosurgery, 599  
 Drummond, John C., *see* Scheller, Mark S.  
 Dujic, Zeljko, *see* Stowe, David F.  
 Dunphy, John A.: Accuracy of Expired Carbon Dioxide Partial Pressure Sampled from a Nasal Cannula. II, 960  
 Durant, Philippe A. C., Yaksh, Tony L.: Drug Effects on Urinary Bladder Tone during Spinal Morphine-induced Inhibition of the

Micturition Reflex in Unanesthetized Rats, 325  
Durrani, Zia, O'Hara, John: Reply, 174

E

Ecoffey, Claude, *see* Mahe, Véronique  
Edelmann, Robert, *see* Shulman, Mark S.  
Eide, Thomas R., Poppers, Paul J.: Reply, 171  
Eisenach, James C., Grice, Stephen C.: Epidural Clonidine Does Not Decrease Blood Pressure or Spinal Cord Blood Flow in Awake Sheep, 335  
Eisenach, James C., Grice, Stephen C., Dewan, David M.: Patient-controlled Analgesia Following Cesarean Section: A Comparison with Epidural and Intramuscular Narcotics, 444  
Eisenkraft, James B.: Carboxyhemoglobin and Pulse Oximetry, 300  
Eisenkraft, James B.: Methylene Blue and Pulse Oximetry Readings: Spurious or Spurious?, 171  
Eisenkraft, James B.: Pulse Oximeter Desaturation Due to Methemoglobinemia, 279  
Ekman, Rolf, *see* Sinclair, Robert  
El-Baz, Nabil, Faber, L. Penfield, Ivankovich, Anthony D.: Intrapleural Infusion of Local Anesthetic: A Word of Caution, 809  
Ellis, D. Jill, Millar, Walter L., Karagianes, Thomas G.: Anesthesia for Laser Resection of a Tracheal Tumor in a Woman Pregnant with Twins, 629  
El-Sayad, Hassan A., *see* Savarese, John J.  
Eltherington, Lorne, *see* Ford, Steven R.  
Embree, Patricia B., *see* Savarese, John J.  
Emhardt, John, *see* Rao, Chalapathi C.  
Emond, Jean, *see* Lichter, J. Lance  
Endler, Gerhard C.: Simple Foot Restraint, 305  
Entman, Stephen, *see* Kambam, J. Reddy  
Epstein, Richard, *see* Leighton, Barbara L.  
Epstein, Robert M.: ASA Award: B. Raymond Fink, 308  
Epstein, Robert M.: Reply, 648  
Evans, R. T., *see* Faye, Sherry

F

Faber, L. Penfield, *see* El-Baz, Nabil  
Farina, John P., *see* Craft, John B., Jr.  
Faust, Ronald J., *see* Berge, Keith H.  
Faust, Ronald J., *see* Gibson, Beth E.  
Faxén, Anders, *see* Sinclair, Robert  
Faye, Sherry, Evans, R. T.: Differences in the Response of Humans and Dogs to Succinylcholine, 471  
Feinglass, Neil G.: Hypermetabolism Precipitated by a Monoamine Oxidase Inhibitor, 313  
Fields, Howard L.: Pain, 660  
Finck, A. Donald, Samaniego, Erlinda, Ngai, S. H.: Morphine Tolerance Decreases the Analgesic Effects of Ketamine in Mice, 397  
Finer, Paul, Blair, John, Rowe, Peter: Epidu-

ral Analgesia in the Management of Labor Pain and Sick Cell Crisis—A Case Report, 799  
Fink, Robert, *see* Welborn, Leila G.  
Finlayson, Donald C., *see* Jaffe, Rory S.  
Finster, Mieczyslaw, *see* Pedersen, Hilda  
Fish, Kevin J.: Reply, 956  
Fish, Kevin J., Rice, Susan A., Margary, James: Contrasting Effects of Etomidate and Propylene Glycol Upon Enflurane Metabolism and Adrenal Steroidogenesis in Fischer 344 Rats, 189  
Fisher, Dennis M., *see* Henderson, Jane M.  
Flegel, Ted, *see* Steward, David J.  
Fleischer, Jerry E., Milde, James H., Moyer, Thomas P., Michenfelder, John D.: Cerebral Effects of High-dose Midazolam and Subsequent Reversal with Ro 15-1788 in Dogs, 234  
Fletcher, Jeffrey E., *see* Caroff, Stanley N.  
Foëx, Pierre, *see* Stone, J. Gilbert  
Ford, Steven R., Forrest, William H., Jr., Eltherington, Lorne: The Treatment of Reflex Sympathetic Dystrophy with Intravenous Regional Bretylium, 137  
Forensky, James, *see* Gabrielczyk, Marek R.  
Forrest, William H., Jr., *see* Ford, Steven R.  
Forte, Thomas E., Lee, Kun I.: Use of a Nerve Stimulator for Peripheral Nerve Blocks. I, 315  
Fournier, David J., *see* Kapur, Patricia A.  
Frankhouser, Paul L.: Reply, 180  
Franks, J. J., Kruskal, J. B., Kirsch, R. E., Beechey, A. P. G., Morrell, D. F., Harrison, G. G.: Halothane Decreases Albumin and Transferrin Synthesis: Studies in the Isolated Perfused Rat Liver and in the Intact Rat, 529  
Freas, William, *see* Muldoon, Sheila M.  
Freirichs, Robert L., Campbell, J., Bassell, Gerard M.: Psychogenic Cardiac Arrest during Extensive Sympathetic Blockade, 943  
Frost, Elizabeth A. M., Goldiner, Paul L., Lu, Gabriel: Reply, 969  
Fujita, Yoshihisa, Ohsumi, Akiyuki, Takaori, Masuhiko: CT Scan and Celiac Plexus Block, 968  
Fuke, Nobuo, *see* Kim, Chungsook  
Funatsu, Naohiko, *see* Nakakimura, Kazuhiko  
Furman, Eric B., *see* Diaz, James H.

G

Gaba, David M., *see* Maze, Mervyn  
Gabrielczyk, Marek R., Forensky, James: Inadvertent Intra-arterial Injection of Vecuronium, 656  
Galindo, Anibal: Use of a Nerve Stimulator for Peripheral Nerve Blocks. II, 316  
Gandolfi, A. J., *see* Hubbard, A. K.  
Gandolfi, A. Jay, *see* Lind, Richard C.  
Gaumann, D. M., Yaksh, T. L.: Intrathecal Somatostatin in Rats: Antinociception Only in the Presence of Toxic Effects, 733

Gaumann, D. M., Yaksh, T. L., Tyce, G. M., Lucas, D. L.: Opioids Preserve the Adrenal Medullary Response Evoked by Severe Hemorrhage: Studies on Adrenal Catecholamine and Met-Enkephalin Secretion in Halothane Anesthetized Cats, 743  
Geiduschek, Jeremy, Cohen, Seth A., Khan, Arifulla, Cullen, Bruce F.: Repeated Anesthesia for a Patient With Neuroleptic Malignant Syndrome, 134  
Geiger, Marianne W., *see* Chestnut, David H.  
Gelman, Simon: Reply, 976  
Gelman, Simon, Van Dyke, Russell: Mechanism of Halothane-induced Hepatotoxicity: Another Step on a Long Path, 479  
Ghignone, Marco, Noe, Carl, Calvillo, Octavio, Quintin, Luc: Anesthesia for Ophthalmic Surgery in the Elderly: The Effects of Clonidine on Intraocular Pressure, Perioperative Hemodynamics, and Anesthetic Requirement, 707  
Gibbons, James J., Lennon, Robert L., Rose, Steven H., Wedel, Denise J., Gibson, Beth E.: Axillary Block of the Brachial Plexus: "You Can't Get There From Here . . .", 314  
Gibbs, Neville M., Braunegg, Paul W., Hensley, Frederick A., Jr., Larach, David R.: Hazard Associated with Using CO<sub>2</sub> as the Cooling Gas during Endobronchial Nd:YAG Laser Therapy, 966  
Gibby, Gordon L.: Precordial Doppler is Not Obsolete for Venous Air Embolism Monitoring, 829  
Gibson, Beth E., Wedel, Denise J., Faust, Ronald J., Petersen, Ronald C.: Continuous Epidural Saline Infusion for the Treatment of Low CSF Pressure Headache, 789  
Gibson, Beth E., *see* Gibbons, James J.  
Gilbert, Mads, Roberts, Sandra L., Mori, Motomi, Blomberg, Richard, Tinker, John H.: Comparative Coronary Vascular Reactivity and Hemodynamics during Halothane and Isoflurane Anesthesia in Swine, 243  
Glauber, Dennis T.: Reply, 648  
Glidden, Randall S., Jeevendra Martyn, J. A., Tomera, John F.: Azathioprine Fails to Alter the Dose-response Curve of d-Tubocurarine in Rats, 595  
Glosten, Beth, Dailey, Patricia A., Preston, Paul G., Shnider, Sol M., Ross, Brian K., Rosen, Mark A., Hughes, Samuel C.: pH-Adjusted 2-Chloroprocaine for Epidural Anesthesia in Patients Undergoing Postpartum Tubal Ligation, 948  
Glosten, Beth, *see* Preston, Paul G.  
Godersky, John C., *see* Warner, David S.  
Gold, Martin I., Marcial, Eileen: An Anesthetic Adapter for All Metered Dose Inhalers, 964  
Goldberg, Michael E., Jan, Rehana, Gregg, Charles E., Berko, Robert, Marr, Alexander T., Larijani, Ghassem E.: The Heat and Moisture Exchanger Does Not Preserve Body Temperature or Reduce Recov-

- ery Time in Outpatients Undergoing Surgery and Anesthesia, 122
- Goldberg, Michael E., Norris, Mark C.: Reply, 316
- Goldberg, Michael E., *see* Seltzer, Joseph L.
- Goldberg, Michael E., *see* Sosis, Mitchell
- Goldberg, Neal H., *see* Craft, John B., Jr.
- Goldiner, Paul L., *see* Frost, Elizabeth A. M.
- Goldman, Julian M.: Reply, 961
- Goldofsky, Sheldon, *see* Cohen, Edmond
- Goldstein, E. Andrew, *see* Coté, Charles J.
- Gorman, Roger S., *see* Shulman, Steven M.
- Gormley, Michael J., Lee, Don S.: Make a Difficult Intubation Simple, 811
- Goudsouzian, Nishan G.: Atracurium Infusion in Infants, 267
- Goudsouzian, Nishan G., Alifimoff, James K., Coté, Charles J.: Isoflurane for Radiotherapy in Children?, 648
- Gravenstein, Joachim S., *see* Pashayan, Annette G.
- Gravenstein, Nikolaus, Pashayan, Annette G.: More on Eliminating CT Scan Artifact due to Endotracheal Tubes, 823
- Gravlee, Glenn P., Angert, Kevin C., Tucker, William Y., Case, L. Douglas, Wallenhaupt, Stephen L., Cordell, A. Robert: Early Anticoagulation Peak and Rapid Distribution After Intravenous Heparin, 126
- Greeley, William J., Reves, J. G.: Transesophageal Atrial Pacing for the Treatment of Dysrhythmias in Pediatric Surgical Patients, 282
- Greenblatt, Samuel H., *see* Savolaine, Edward R.
- Gregg, Charles E., *see* Goldberg, Michael E.
- Gregg, Ron G., *see* Hogan, Kirk J.
- Grice, Stephen C., *see* Eisenach, James C.
- Grogan, Dana L., *see* Kapur, Patricia A.
- Gronert, Gerald A.: Management of Patients in Whom Trismus Occurs Following Succinylcholine, 653
- Grosslight, Kenneth R., *see* Stirt, Joseph A.
- Grum, Daniel F., Porembka, David: Misconceptions Regarding Double-lumen Tubes and Bronchoscopy, 826
- Gunnerson, Helena B., *see* Boucek, Charles D.

## H

- Haddox, J. David, *see* Kettler, Robert E.
- Hahn, Robert G.: Ethanol Monitoring of Irrigating Fluid Absorption in Transurethral Prostatic Surgery, 867
- Hall, James R., *see* Hotchkiss, Richard S.
- Hall, Richard I., Schwieger, Ian M., Hug, Carl C., Jr.: The Anesthetic Efficacy of Midazolam in the Enflurane-anesthetized Dog, 862
- Halperin, Bruce D., *see* Pearl, Ronald G.
- Hamann, Scott R., *see* Atlee, John L., III
- Hammel, Harold T.: Anesthetics and Body Temperature Regulation, 833
- Hannallah, Raafat S., *see* DeSoto, Hernando
- Hannallah, Raafat S., *see* Soliman, Iris E.
- Hannallah, Raafat S., *see* Welborn, Leila G.

- Hargrove, John C.: Are We Really Prepared for Malignant Hyperthermia: Part II, 815
- Harris, Andrew P., *see* Sendak, Michael J.
- Harrison, Deborah M., Sinatra, Raymond, Morgese, Lawrence, Chung, James H.: Epidural Narcotic and Patient-controlled Analgesia for Post-cesarean Section Pain Relief, 454
- Harrison, G. G., *see* Franks, J. J.
- Hart, Jayne L., *see* Muldoon, Sheila M.
- Hasegawa, Yoki, *see* Ohno, Hiroshi
- Hayashi, Yukio, Sumikawa, Koji, Tashiro, Chikara, Yoshiya, Ikuto: Synergistic Interaction of  $\alpha_1$ - and  $\beta$ -Adrenoceptor Agonists on Induction Arrhythmias during Halothane Anesthesia in Dogs, 902
- Hdez, Michael J., *see* Chestnut, David H.
- Hedner, Thomas, *see* Sinclair, Robert
- Heerd, Paul, *see* Schiller, Eric C.
- Heffel, Dominic F., *see* Schieble, Thomas M.
- Heiman-Patterson, Terry D., *see* Caroff, Stanley N.
- Heinecke, Achim, *see* Van Aken, Hugo
- Henderson, Jane M., Brodsky, Drew A., Fisher, Dennis M., Brett, Claire M., Hertzka, Robert E.: Pre-induction of Anesthesia in Pediatric Patients with Nasally Administered Sufentanil, 671
- Hensley, Frederick A., Jr., *see* Gibbs, Neville M.
- Herbst, Timothy J., *see* Righi, David F.
- Herigault, Robert, *see* Radermacher, Peter
- Hershenson, Marc B., O'Rourke, P. Pearl, Schena, James A., Crone, Robert K.: Reply, 318
- Hertzka, Robert E., *see* Henderson, Jane M.
- Hickey, Paul R., *see* Benca, Joan F.
- Hickey, Robert F., Sybert, Peter E., Verrier, Edward D., Cason, Brian A.: Effects of Halothane, Enflurane, and Isoflurane on Coronary Blood Flow Autoregulation and Coronary Vascular Reserve in the Canine Heart, 21
- Hill, Douglas C., Chelly, Jacques E., Dlewati, Abdallah, Abernethy, Darrell R., Doursout, Marie-Françoise, Merin, Robert G.: Cardiovascular Effects of and Interaction Between Calcium Blocking Drugs and Anesthetics in Chronically Instrumented Dogs. VI. Verapamil and Fentanyl-pancuronium, 874
- Hillel, Zaharia, *see* Thys, Daniel
- Hiller, Jacob M., *see* Wang, Boardman C.
- Hillman, Dean E., *see* Wang, Boardman C.
- Hirakawa, Masahisa, *see* Ueda, Wasa
- Hoaglin, David C., *see* Coté, Charles J.
- Hogan, Kirk J., Gregg, Ron G.: Malignant Hyperthermia, Congenital Anomalies, and DNA Linkage Analysis, 649
- Högström, Seth, *see* Sinclair, Robert
- Hollenberg, M., *see* Knight, A. A.
- Horai, Y., *see* Atiba, J. O.
- Hotchkiss, Richard S., Hall, James R., Braun, Ira F., Schisler, John Q.: An Abnormal Epiglottitis as a Cause of Difficult Intuba-

- tion—Airway Assessment Using Magnetic Resonance Imaging, 140
- Housmans, Philippe R., *see* Murat, Isabelle
- Hubbard, A. K., Roth, T. P., Gandolfi, A. J., Brown, B. R., Jr., Webster, N. R., Nunn, J. F.: Halothane Hepatitis Patients Generate an Antibody Response Toward a Covalently Bound Metabolite or Halothane, 791
- Huet, Yann, *see* Radermacher, Peter
- Hug, Carl C., Jr., *see* Auems, Max E.
- Hug, Carl C., Jr., *see* Hall, Richard I.
- Hug, Carl C., Jr., *see* Jaffe, Rory S.
- Hughes, Samuel C., *see* Glostien, Beth
- Hughes, Samuel C., *see* Preston, Paul G.
- Hughes, Samuel C., *see* Rosen, Mark A.
- Huttunen, N-P., *see* Ryhänen, P.

## I

- Ikeda, Kazuyuki, *see* Kazama, Tomie
- Israel, David, *see* Sessler, Daniel I.
- Ivankovich, Anthony D., *see* El-Baz, Nabil
- Iwai, Seizo, *see* Obara, Hidefumi

## J

- Jackson, Charles E., *see* Rosen, Mark A.
- Jacobs, James R., Maier, George W., Rankin, J. Scott, Reves, J. G.: Esmolol and Left Ventricular Function in the Awake Dog, 373
- Jaffe, Rory S., Moldenhauer, C. Craig, Hug, Carl C., Jr., Finlayson, Donald C., Tobia, Vito, Kopel, Mark E.: Nalbuphine Antagonism of Fentanyl-induced Ventilatory Depression: A Randomized Trial, 254
- Jan, Rehana, *see* Goldberg, Michael E.
- Jantzen, Jan-Peter A. H., Stanton-Hicks, Michael d.A.: Bronchoscopy Through the Mask? A Renaissance!, 650
- Janzen, James A.: A Presumed Case of Dextran-induced Anaphylactoid Reaction, 641
- Järnberg, Per-Olof, *see* Öwall, Anders
- Jawan, B., *see* Aun, Neoh Choo
- Jeevendra Martyn, J. A., *see* Glidden, Randall S.
- Jeevendra Martyn, J. A., *see* Kim, Chungsook
- Johnson, Lynne L., *see* Stone, J. Gilbert
- Jonas, Richard, *see* Benca, Joan F.
- Jones, John R.: Cardiac Arrest during Spinal Anesthesia. IV, 973
- Jordening, Henrik, *see* Qvist, Jesper

## K

- Kainuma, Motoshi, Shimada, Yasuhiro: A New Endotracheal Tube Equipped with Side Ports for Topical Anesthesia of the Trachea, 642
- Kalbfleisch, John H., *see* Stowe, David F.
- Kamaya, Hiroshi, *see* Lind, Gregar H.
- Kambam, J. Reddy, Entman, Stephen, Mouton, Stephanie, Smith, Bradley E.: Effect of Preeclampsia on Carboxyhemoglobin Levels: A Mechanism for a Decrease in P<sub>50</sub>, 433

Kampine, John P., *see* Stowe, David F.  
Kaplan, Ronald, Strauch, Berish: Reply, 469  
Kapur, Patricia A., Grogan, Dana L., Fournier, David J.: Cardiovascular Interactions of Lidocaine with Verapamil or Diltiazem in the Dog, 79  
Karagianes, Thomas G., *see* Ellis, D. Jill  
Katsuya, Hirotada, Misumi, Mikio, Ohtani, Yosinobu, Miike, Teruhisa: Postanesthetic Acute Renal Failure due to Carnitine Palmitoyl Transferase Deficiency, 945  
Katz, J., *see* Partridge, B. L.  
Katz, Ronald L., *see* Sears, Daniel H.  
Kazama, Tomiei, Ikeda, Kazuyuki: Comparison of MAC and the Rate of Rise of Alveolar Concentration of Sevoflurane with Halothane and Isoflurane in the Dog, 435  
Keamy, Mitchell F., III, *see* Kofke, W. Andrew  
Keats, Arthur S.: Anesthesia Mortality—A New Mechanism, 2  
Keats, Arthur S., *see* Slogoff, Stephen  
Kelly, Robert E.: Regional Anesthesia in Children with Epidermolysis Bullosa Dystrophica, 469  
Kempen, Paul M.: Reply, 477  
Kettler, Robert E., Haddox, J. David: Reply, 819  
Khambatta, Hoshang J., *see* Stone, J. Gilbert  
Khan, Arifulla, *see* Geiduschek, Jeremy  
Khoury, Georges F.: Reply, 474  
Kieffer, E., *see* Mankikian, B.  
Kien, Nguyen D., *see* Benthuyssen, James L.  
Kim, Chungsook, Fuke, Nobuo, Jeevendra Martyn, J. A.: Burn Injury to Rat Increases Nicotinic Acetylcholine Receptors in the Diaphragm, 401  
King, William H., Patten, Ethel D., Bee, David E.: An *In Vitro* Evaluation of Ionized Calcium Levels and Clotting in Red Blood Cells Diluted With Lactated Ringer's Solution, 115  
Kirsch, R. E., *see* Franks, J. J.  
Kirschner, Paul A., *see* Cohen, Edmond  
Klintmalm, Goran, *see* Ramsay, Michael A. E.  
Knapp, Robert M.: Quality Assurance: Irrelevant Data is Never Inexpensive Enough, 967  
Knight, A. A., Hollenberg, M., London, M. J., Tubau, J., Verrier, E., Browner, W., Mangano, D. T., The S.P.I. Research Group: Perioperative Myocardial Ischemia: Importance of the Preoperative Ischemic Pattern, 681  
Knip, M., *see* Ryhänen, P.  
Kofke, W. Andrew, Keamy, Mitchell F., III: Reply, 473  
Koka, Babu V., *see* Benca, Joan F.  
Komai, Hirochika, *see* DeTraglia, Michael C.  
Komar, Krystof, *see* Tarnow, Jörg  
Kopel, Mark E., *see* Jaffe, Rory S.  
Kopman, Aaron F.: The Dose-effect Relationship of Metocurine: The Integrated Electromyogram of the First Dorsal Intersosseous Muscle and the Mechanomyogram of the Adductor Pollicis Compared, 604

Korbon, Gregg A., *see* Wills, Michael H.  
Kosaka, Futami, *see* Ono, Kazumi  
Kreigh, Candida, *see* Atlee, John L., III  
Krishna, Gopal, *see* Rao, Chalapati C.  
Kruskal, J. B., *see* Franks, J. J.  
Kubota, Hiroshi, *see* Kubota, Yuhio  
Kubota, Yuhio, Toyoda, Yoshiro, Kubota, Hiroshi: Endotracheal Intubation Assisted with a Pencil Torch, 167  
Kurashiki, Toshio, *see* Sato, Toru

L

Lahti, Y., *see* Ryhänen, P.  
Lamont, Brian J., *see* McCarrroll, S. Máire  
Landsberger, Ellen, *see* Craft, John B., Jr.  
Lanza, V., Mercadante, S., Pignataro, A.: Effects of Halothane, Enflurane, and Nitrous Oxide on Oxyhemoglobin Affinity, 591  
Lappas, Demetrios G., *see* Righi, David F.  
Larach, David R., *see* Gibbs, Neville M.  
Larijani, Ghassem E., *see* Goldberg, Michael E.  
Larijani, Ghassem E., *see* Seltzer, Joseph L.  
Larson, C. Philip, *see* Zasslow, Milford A.  
Laver, Myron B., *see* Qvist, Jesper  
Lawin, Peter, *see* Van Aken, Hugo  
Laycock, J. R. D., Baxter, M. K., Bevan, J. C., Sangwan, S., Donati, F., Bevan, D. R.: The Potency of Pancuronium at the Adductor Pollicis and Diaphragm in Infants and Children, 908  
Lebowitz, Philip W., *see* Dresner, David L.  
Lee, Chong M.: Tracheal pH during Endotracheal Anesthesia, 473  
Lee, Don S., *see* Gormley, Michael J.  
Lee, J. H., *see* Aun, Neoh Choo  
Lee, Kun I., *see* Forte, Thomas E.  
Leeman, Marc, *see* Lejeune, Philippe  
Lefter, Allan M., *see* Seltzer, Joseph L.  
Leicht, Craig H., *see* Robinson, Don E.  
Leicht, Craig H., *see* Rosen, Mark A.  
Leighton, Barbara L., Norris, Mark C., DeSimone, Cheryl A., Epstein, Richard: The Epinephrine Test Dose Revisited, Again, 807  
Lejeune, Philippe, Deloof, Thierry, Leeman, Marc, Mélot, Christian, Naeije, Robert: Multipoint Pulmonary Vascular Pressure/flow Relationships in Hypoxic and in Normoxic Dogs: Effects of Nitrous Oxide With and Without Cyclooxygenase Inhibition, 92  
Lemaire, François, *see* Radermacher, Peter  
Lennon, Robert L., *see* Gibbons, James J.  
Levron, Jean-Claude, *see* Murat, Isabelle  
Lichter, J. Lance, Emond, Jean, Chung, Marion R., Thistlethwaite, J. Richard, Broelsch, Christoph E.: Pediatric Orthotopic Liver Transplantation: Multifactorial Predictions of Blood Loss, 607  
Lief, Philip A., *see* Butterworth, John F., IV  
Lim, Myeung, *see* Craft, John B., Jr.  
Lind, Gregar H., Kamaya, Hiroshi: Minimum

Drug Dose to Obtain Adequate Amnesia for Cardioversion, 475  
Lind, Richard C., Gandolfi, A. Jay: Hypoxia and Anesthetic-associated Liver Injury in Guinea Pigs, 974  
Lindén, Inga, *see* Sinclair, Robert  
London, M. J., *see* Knight, A. A.  
Longnecker, David E., *see* Schriemer, Paula A.  
Lovitz, M., *see* Puig, M. M.  
Lowenstein, Edward, McPeck, Bucknam: Capitalizing on Research Findings that Appear to Conflict, 668  
Lu, Gabriel, *see* Frost, Elizabeth A. M.  
Lucas, D. L., *see* Gaumann, D. M.  
Lundberg, Jan M., *see* Martling, Claes-Roland  
Lynam, Daniel P., *see* Arden, James R.  
Lynch, Carl, III: Effects of Halothane and Isoflurane on Isolated Human Ventricular Myocardium, 429

M

Maccioli, Gerald A., *see* Schur, Michael S.  
Maekawa, Nobuhiro, *see* Obara, Hidefumi  
Maekawa, Tsuyoshi, *see* Nakakimura, Kazuhiko  
Mahe, Véronique, Ecoffey, Claude: Spinal Anesthesia with Isobaric Bupivacaine in Infants, 601  
Maier, George W., *see* Jacobs, James R.  
Maitre, Pierre O., Ausems, Max E., Vozeh, Samuel, Stanski, Donald R.: Evaluating the Accuracy of Using Population Pharmacokinetic Data to Predict Plasma Concentrations of Alfentanil, 59  
Makari, Nevine, *see* Toivonen, Hannu J.  
Mal, Hervé, *see* Radermacher, Peter  
Malmkvist, Gunnar, *see* Chen, Linda  
Mangano, D. T., *see* Knight, A. A.  
Mankikian, B., Cantineau, J. P., Bertrand, M., Kieffer, E., Sartene, R., Viars, P.: Improvement of Diaphragmatic Function by a Thoracic Extradural Block After Upper Abdominal Surgery, 379  
Mann, Stephan C., *see* Caroff, Stanley N.  
Marcial, Eileen, *see* Gold, Martin I.  
Margary, James, *see* Fish, Kevin J.  
Marjic, Jure, *see* Stowe, David F.  
Marr, Alexander T., *see* Goldberg, Michael E.  
Marr, Alexander T., *see* Sosis, Mitchell  
Marshall, Bryan E., *see* Chen, Linda  
Marshall, Carol, *see* Chen, Linda  
Martin, Jackie L., Rock, Peter: Coronary-subclavian Steal Syndrome: Anesthetic Implications and Management in the Perioperative Period, 933  
Martin, René: Selective Block of the Nerves of the Brachial Plexus, 317  
Martino, J. David, *see* Warner, Louise O.  
Martling, Claes-Roland, Lundberg, Jan M.: Capsaicin Sensitive Afferents Contribute to Acute Airway Edema following Tracheal Instillation of Hydrochloric Acid or Gastric Juice in the Rat, 350  
Marukawa, Aiko, *see* Obara, Hidefumi

- Maze, Mervyn, Vickery, Ross G., Merlone, Steven C., Gaba, David M.: Anesthetic and Hemodynamic Effects of the Alpha<sub>2</sub>-adrenergic Agonist, Azepexole, in Isoflurane-anesthetized Dogs, 689
- Mazel, Paul, *see* Craft, John B., Jr.
- Mazoit, Jean Xavier, Denson, Donald D., Samii, Kamran: Pharmacokinetics of Bupivacaine following Caudal Anesthesia in Infants, 387
- McCarroll, S. Maïre, Lamont, Brian J., Buckland, Mark R., Yates, Alan P. B.: The Gum-elastic Bougie: Old but Still Useful, 643
- McGill, Trevor J., *see* Benca, Joan F.
- McGill, Willis A., *see* Soliman, Iris E.
- McLaren, Ian D., *see* Pandit, Sujit K.
- McLaughlin, Gayle, *see* Pashayan, Annette G.
- McNiece, William L., *see* Rao, Chalapathi C.
- McPeck, Bucknam, *see* Lowenstein, Edward
- McShane, Alan J., *see* Toung, Thomas J. K.
- Meathe, E. A.: Reply, 310
- Meatherall, Robert C., *see* Thomson, Ian R.
- Meinshausen, Eckhard, *see* Van Aken, Hugo
- Mélot, Christian, *see* Lejeune, Philippe
- Mercadante, S., *see* Lanza, V.
- Merin, Robert G.: Reply, 472
- Merin, Robert G., *see* Hill, Douglas C.
- Merlone, Steven C., *see* Maze, Mervyn
- Metz, Samuel: Use of Glucose-containing Solutions during Surgery, 651
- Meyer, Richard A., *see* Raja, Srinivasa N.
- Michenfelder, John D., *see* Fleischer, Jerry E.
- Mihm, Frederick G., *see* Pearl, Ronald G.
- Milke, Teruhisa, *see* Katsuya, Hirotsada
- Milde, James H., *see* Fleischer, Jerry E.
- Milde, James H., *see* Milde, Leslie Newberg
- Milde, Leslie Newberg, Milde, James H.: Reply, 470
- Millar, Walter L., *see* Ellis, D. Jill
- Miller, Francis L., *see* Chen, Linda
- Miller, Ronald D., *see* Arden, James R.
- Mintz, Paul D., *see* Schriemer, Paula A.
- Misumi, Mikio, *see* Katsuya, Hirotsada
- Miyabe, Masayuki, *see* Toung, Thomas J. K.
- Mogensen, Torben, *see* Qvist, Jesper
- Moldenhauer, C. Craig, *see* Jaffe, Rory S.
- Montgomery, Carolyne J., Vaghadia, Himat, Blackstock, Derek: Negative Middle Ear Pressure and Postoperative Vomiting in Pediatric Outpatients, 288
- Moore, Daniel C.: Unintentional Lethal/toxic Injections: Elimination of Drugs *Versus* Vigilance, 475
- Moore, Daniel C., *see* Brown, David L.
- Morgese, Lawrence, *see* Harrison, Deborah M.
- Mori, Kenjiro, Shingu, Koh: Epidural Ketamine Does Not Produce Analgesia, 296
- Mori, Koreaki, *see* Ueda, Wasa
- Mori, Motomi, *see* Gilbert, Mads
- Morishima, Hisayo O., *see* Pedersen, Hilda
- Morita, Kiyoshi, *see* Ono, Kazumi
- Murray, Jeffrey: Pediatric Intensive Care, 831
- Morrell, D. F., *see* Franks, J. J.
- Mouton, Stephanie, *see* Kambam, J. Reddy
- Moyer, Thomas P., *see* Fleischer, Jerry E.
- Muir, William W., III, *see* Swanson, Clifford R.
- Muldoon, Sheila M., Hart, Jayne L., Bowen, Kimberly A., Freas, William: Attenuation of Endothelium-mediated Vasodilation by Halothane, 31
- Mulroy, Michael F., *see* Brown, David L.
- Murat, Isabelle, Housmans, Philippe R.: Minimum Alveolar Concentrations (MAC) of Halothane, Enflurane, and Isoflurane in Ferrets, 783
- Murat, Isabelle, Levron, Jean-Claude, Berg, Alain, Saint-Maurice, Claude: Effects of Fentanyl on Baroreceptor Reflex Control of Heart Rate in Newborn Infants, 717
- Murray, David: Reply, 646
- Murray, William J.: A Case of Eye Injury from a Reusable Anesthetic Mask, 302
- Mygind, Thorkild, *see* Qvist, Jesper

## N

- Naeije, Robert, *see* Lejeune, Philippe
- Nakakimura, Kazuhiko, Sakabe, Takefumi, Funatsu, Naohiko, Maekawa, Tsuyoshi, Takeshita, Hiroshi: Metabolic Activation of Intercortical and Corticohalamic Pathways during Enflurane Anesthesia in Rats, 777
- Namiki, Akiyoshi, *see* Nishikawa, Toshiaki
- Nathan, Howard J.: Nitrous Oxide Worsens Myocardial Ischemia in Isoflurane-anesthetized Dogs, 407
- Nelson, Sharon H., Suresh, Maya S.: Comparison of Nitroprusside and Hydralazine in Isolated Uterine Arteries from Pregnant and Nonpregnant Patients, 541
- Ngai, S. H., *see* Finck, A. Donald
- Nishikawa, Toshiaki, Namiki, Akiyoshi: Mechanism for Slowing of Heart Rate and Associated Changes in Pulmonary Circulation Elicited by Cold Injectate during Thermomodulation Cardiac Output Determination in Dogs, 221
- Noe, Carl, *see* Ghignone, Marco
- Norris, Mark C., *see* Goldberg, Michael E.
- Norris, Mark C., *see* Leighton, Barbara L.
- Nunn, J. F.: Applied Respiratory Physiology, 3rd edition, 978
- Nunn, J. F., *see* Hubbard, A. K.
- Nunn, John F., *see* Royston, Barbara D.

## O

- Obara, Hidefumi, Maekawa, Nobuhiro, Iwai, Seizo, Yamamoto, Tetsuro, Marukawa, Aiko: Reconstruction of the Trachea in Children with Tracheal Stenosis by Using Jet Ventilation, 441
- O'Connor, Dayle E., *see* Rosen, Mark A.
- Oda, Mitsugu, *see* Sato, Toru
- Oden, Rollin, *see* Ready, L. Brian
- O'Hara, John, *see* Durrani, Zia
- Ohno, Hiroshi, Watanabe, Makoto, Saitoh, Jiro, Saegusa, Yoshinobu, Hasegawa, Yoki, Yonezawa, Toshihide: Effect of Epineph-

- rine Concentration on Lidocaine Disposition during Epidural Anesthesia, 625
- Ohsumi, Akiyuki, *see* Fujita, Yoshihisa
- Ohta, Yoshio, *see* Ono, Kazumi
- Ohtani, Yosinobu, *see* Katsuya, Hirotsada
- Olgin, Jeffrey, Argov, Zohar, Rosenberg, Henry, Tuchler, Mathew, Chance, Britton: Non-invasive Evaluation of Malignant Hyperthermia Susceptibility with Phosphorus Nuclear Magnetic Resonance Spectroscopy, 507
- Olofsson, Christine I., *see* Sessler, Daniel I.
- Ono, Kazumi, Ohta, Yoshio, Morita, Kiyoshi, Kosaka, Futami: The Influence of Respiratory-induced Acid-base Changes on the Action of Non-depolarizing Muscle Relaxants in Rats, 357
- O'Rourke, P. Pearl, *see* Hershenson, Marc B.
- Ostheimer, Gerard W., *see* Popitz-Bergez, Frederique
- Ostman, Lars G., *see* Chestnut, David H.
- Öwall, Anders, Järnberg, Per-Olof, Brodin, Lars-Åke, Sollevi, Alf: Effects of Adenosine-induced Hypotension on Myocardial Hemodynamics and Metabolism in Fentanyl Anesthetized Patients with Peripheral Vascular Disease, 416
- Owen, Cindy L., *see* Chestnut, David H.
- Owen, Robert L., *see* Cheney, Frederick W.

## P

- Pandit, Sujit K., Powell, Robert B., Crider, Bruce, McLaren, Ian D., Rutter, Timothy: Epidural Fentanyl is Not Effective for Analgesia for Extracorporeal Lithotripsy (ESWL), 176
- Pandya, Jyoti B., *see* Savolaine, Edward R.
- Parsons, David, Samuels, Stanley I., Steinberg, Gary, Shuer, Lawrence: Reduction Cranioplasty and Severe Hypotension, 145
- Partridge, B. L., Katz, J., Benirschke, K.: Reply, 317
- Partridge, Brian L.: Nitrous Oxide and Endotracheal Tube Cuff Leaks, 167
- Partridge, Brian L., *see* Benumof, Jonathan L.
- Pashayan, Annette G., Gravenstein, Joachim S.: On Reducing the Flammability of PVC, 173
- Pashayan, Annette G., Gravenstein, Joachim S., Cassisi, Nicholas J., McLaughlin, Gayle: The Helium Protocol for Laryngotracheal Operations with CO<sub>2</sub> Laser: A Retrospective Review of 523 Cases, 801
- Pashayan, Annette G., *see* Gravenstein, Nikolaus
- Patel, Ramesh I., *see* DeSoto, Hernando
- Patten, Ethel D., *see* King, William H.
- Paulsen, A. W., *see* Ramsay, Michael A. E.
- Paulsen, A. William, Valek, Tim R.: Artificially Low Cardiac Outputs Resulting from a Communication Between the Proximal and Distal Lumens of an Edwards Pacing Thermomodulation Swan-Ganz® Catheter, 308

Pearl, Ronald G., Halperin, Bruce D., Mihm, Frederick G., Rosenthal, Myer H.: Pulmonary Effects of Crystalloid and Colloid Resuscitation From Hemorrhagic Shock in the Presence of Oleic Acid-induced Pulmonary Capillary Injury in the Dog, 12

Pearl, Ronald G., *see* Prielipp, Richard C.

Pearl, Ronald G., *see* Siegel, Lawrence C.

Pearl, Ronald G., *see* Zasslow, Milford A.

Pedersen, Hilda, Santos, Alan C., Morishima, Hisayo O., Finster, Mieczyslaw, Plosker, Harvey, Arthur, G. Richard, Covino, Benjamin G.: Does Gestational Age Affect the Pharmacokinetics and Pharmacodynamics of Lidocaine in Mother and Fetus?, 367

Peleman, Robert R., *see* Schlake, Peter T.

Perkkilä, L., *see* Ryhänen, P.

Petersen, Ronald C., *see* Gibson, Beth E.

Pignataro, A., *see* Lanza, V.

Plosker, Harvey, *see* Pedersen, Hilda

Pluskwa, Frédéric, *see* Radermacher, Peter

Popitz-Bergez, Frederique, Datta, Sanjay, Ostheimer, Gerard W.: Intravascular Epinephrine May Not Increase Heart Rate in Patients Receiving Metoprolol, 815

Poppers, Paul J., *see* Eide, Thomas R.

Porembka, David, *see* Grum, Daniel F.

Posner, Karen, *see* Caplan, Robert A.

Powell, Robert B., *see* Pandit, Sujit K.

Pozos, Matthew, *see* Sessler, Daniel I.

Pozos, Robert S., *see* Sessler, Daniel I.

Preston, Paul G., Rosen, Mark A., Hughes, Samuel C., Glosten, Beth, Ross, Brian K., Daniels, Don, Shnider, Sol M., Dailey, Patricia A.: Epidural Anesthesia with Fentanyl and Lidocaine for Cesarean Section: Maternal Effects and Neonatal Outcome, 938

Preston, Paul G., *see* Glosten, Beth

Priebe, Hans-Joachim, DiNardo, James A.: Does Epidural Anesthesia Improve Ventricular Function?, 172

Prielipp, Richard C., Rosenthal, Myer H., Pearl, Ronald G.: Vasodilator Therapy in Vasoconstrictor-induced Pulmonary Hypertension in Sheep, 552

Prien, Thomas, *see* Van Aken, Hugo

Puig, M. M., Warner, W., Tang, C. K., Lovitz, M., Turndorf, H.: Synergistic Interaction of Morphine and Halothane in the Guinea Pig Ileum, 559

Puukka, R., *see* Ryhänen, P.

Q

Quam, Darcy D., *see* Benthuyssen, James L.

Quance, Daniel: Amniotic Fluid Embolism: Detection by Pulse Oximetry, 951

Quintin, Luc, *see* Ghignone, Marco

Qvist, Jesper, Mygind, Thorkild, Crottogini, Alberto, Jordingen, Henrik, Mogensen, Torben, Dorph, Sven, Laver, Myron B.: Cardiovascular Adjustments to Pulmonary Vascular Injury in Dogs, 341

R

Radermacher, Peter, Huet, Yann, Pluskwa, Frédéric, Herigault, Robert, Mal, Hervé, Teisseire, Bernard, Lemaire, François: Comparison of Ketanserin and Sodium Nitroprusside in Patients with Severe ARDS, 152

Raja, Srinivasa N., Meyer, Richard A., Campbell, James N.: Peripheral Mechanisms of Somatic Pain, 571

Ramsay, Michael A. E., Klintmalm, Goran, Brajtford, Dan, Swygert, Thomas H., Valek, Tim R., Paulsen, A. W.: Air Embolism during Liver Transplantation, 829

Ramsey, Donald H., *see* Brown, David L.

Rankin, J. Scott, *see* Jacobs, James R.

Rao, Chalapatthi C., McNiece, William L., Emhardt, John, Krishna, Gopal, Westcott, Roy: Modification of an Anesthesia Machine for Use during Magnetic Resonance Imaging, 640

Raphaely, Russell C., *see* Cohen, David E.

Ravat, Francois: Reply, 297

Ready, L. Brian, Oden, Rollin, Chadwick, H. S., Benedetti, Costantino, Rooke, G. Alec, Caplan, Robert, Wild, Lorie M.: Development of an Anesthesiology-based Postoperative Pain Management Service, 100

Ready, L. Brian, *see* Chadwick, H. S.

Reves, J. G., *see* Corsen, Guenter

Reves, J. G., *see* Greeley, William J.

Reves, J. G., *see* Jacobs, James R.

Rice, Susan A., *see* Fish, Kevin J.

Righi, David F., Herbst, Timothy J., Lappas, Demetrios G.: Prolonged Sinus Arrest Following Coronary Bypass Surgery, 175

Ritter, Deborah E., *see* Seltzer, Joseph L.

Roberts, James, Schiller, Eric C.

Roberts, Sandra L., *see* Gilbert, Mads

Robinson, Don E., Leicht, Craig H.: Epidural Analgesia with Low-dose Bupivacaine and Fentanyl for Labor and Delivery in a Parturient with Severe Pulmonary Hypertension, 285

Rock, Peter, *see* Martin, Jackie L.

Rockoff, Mark A.: History of Conjoined Twins, 823

Rockoff, Mark A., *see* Sethna, Navil F.

Roewer, Norbert, *see* Böhm, Michael

Rogers, Gary L., *see* Warner, Louise O.

Rogers, Mark C., *see* Toung, Thomas J. K.

Roizen, Michael F.: Should We All Have a Sympathectomy at Birth? Or at Least Preoperatively?, 482

Romanoff, Mark E., Woodward, David G., Bullard, Willis G.: Autologous Blood Transfusion in Patients with Sickle Cell Trait, 820

Rooke, G. Alec, *see* Ready, L. Brian

Rose, Steven H., *see* Gibbons, James J.

Rosen, Mark A., Dailey, Patricia A., Hughes, Samuel C., Leicht, Craig H., Shnider, Sol M., Jackson, Charles E., Baker, B. Wycke,

Cheek, David B., O'Connor, Dayle E.: Epidural Sufentanil for Postoperative Analgesia after Cesarean Section, 448

Rosen, Mark A., *see* Glosten, Beth

Rosen, Mark A., *see* Preston, Paul G.

Rosenberg, Henry: Reply, 654

Rosenberg, Henry, *see* Caroff, Stanley N.

Rosenberg, Henry, *see* Olgin, Jeffrey

Rosenbloom, Morley, *see* Thomson, Ian R.

Rosenthal, Myer H., *see* Pearl, Ronald G.

Rosenthal, Myer H., *see* Prielipp, Richard C.

Rosnow, Jan M., *see* Sethna, Navil F.

Ross, Alan, *see* Bollen, Bruce

Ross, Brian K., *see* Glosten, Beth

Ross, Brian K., *see* Preston, Paul G.

Roth, Andrew G., Dado, Diane V.: Venous Air Embolism during Removal of Tissue Expander in a Supine Child, 457

Roth, Robert A., *see* Zeitlin, Gerald L.

Roth, T. P., *see* Hubbard, A. K.

Rowe, Peter, *see* Finer, Paul

Royston, Barbara D., Nunn, John F., Weinbren, H. Kenneth, Royston, David, Cormack, Ronald S.: Rate of Inactivation of Human and Rodent Hepatic Methionine Synthase by Nitrous Oxide, 213

Royston, David, *see* Royston, Barbara D.

Rubin, Alexander S.: Nail Polish Color Can Affect Pulse Oximeter Saturation, 825

Rubinstein, Eduardo H., *see* Sessler, Daniel I.

Rupp, Stephen, *see* Donegan, Judith H.

Rupp, Stephen M., *see* Brown, David L.

Rusy, Ben F., *see* DeTraglia, Michael C.

Rutter, Timothy, *see* Pandit, Sujit K.

Ruttimann, Urs E., *see* Welborn, Leila G.

Ryan, John F., *see* Coté, Charles J.

Ryhänen, P., Knip, M., Puukka, R., Huttunen, N-P., Lahti, Y., Perkkilä, L.: Gluco-regulatory Response to Intravenous Glucose Infusion in Children Undergoing Surgery, 147

S

Saegusa, Yoshinobu, *see* Ohno, Hiroshi

Saidman, Lawrence J.: The Anesthesiologist Outside the Operating Room: A New and Exciting Opportunity, 1

Saint-Maurice, Claude, *see* Murat, Isabelle

Saitoh, Jiro, *see* Ohno, Hiroshi

Sakabe, Takefumi, *see* Nakakimura, Kazuhiko

Samaniego, Erlinda, *see* Finck, A. Donald

Samii, Kamran, *see* Mazoit, Jean Xavier

Samuels, Stanley I., *see* Parsons, David

Sangwan, S., *see* Laycock, J. R. D.

Santos, Alan C., *see* Pedersen, Hilda

Sartene, R., *see* Mankikian, B.

Sato, Toru, Oda, Mitsugu, Kurashiki, Toshio: A New Agent-specific Filling Device for Anesthetic Vaporizers, 957

Savarese, John J., Ali, Hassan H., Basta, Salvatore J., Embree, Patricia B., Scott, Ralph P. F., Sunder, N., Weakly, J. Neal, Wastila, William B., El-Sayad, Hassan A.: The Clinical Neuromuscular Pharmacology of Miva-

- curium Chloride (BW B1090U): A Short-acting Nondepolarizing Ester Neuromuscular Blocking Drug, 723
- Savolaine, Edward R., Pandya, Jyoti B., Greenblatt, Samuel H., Conover, Steven R.: Anatomy of the Human Lumbar Epidural Space: New Insights Using CT-Epidurography, 217
- Scheller, Mark S., Tateishi, Akio, Drummond, John C., Zornow, Mark H.: The Effects of Sevoflurane on Cerebral Blood Flow, Cerebral Metabolic Rate for Oxygen, Intracranial Pressure, and the Electroencephalogram are Similar to Those of Isoflurane in the Rabbit, 548
- Scheller, Mark S., *see* Zornow, Mark H.
- Schena, James A., *see* Hershenson, Marc B.
- Schieble, Thomas M., Costa, Anita K., Heffel, Dominic F., Trudell, James R.: Comparative Toxicity of Halothane, Isoflurane, Hypoxia, and Phenobarbital Induction in Monolayer Cultures of Rat Hepatocytes, 485
- Schiller, Eric C., Heerdt, Paul, Roberts, James: Life-threatening ECG Artifact during Extracorporeal Shock Wave Lithotripsy, 477
- Schisler, John Q., *see* Hotchkiss, Richard S.
- Schlake, Peter T., Peleman, Robert R., Winnie, Alon P.: Separation of the Hub from the Shaft of a Disposable Epidural Needle, 611
- Schmitz, Wilhelm, *see* Böhm, Michael
- Scholz, Hasso, *see* Böhm, Michael
- Schriemer, Paula A., Longnecker, David E., Mintz, Paul D.: The Possible Immunosuppressive Effects of Perioperative Blood Transfusion in Cancer Patients, 422
- Schulte am Esch, Jochen, *see* Böhm, Michael
- Schulte-Mönting, Joachim, *see* Chrusasik, Joachim
- Schur, Michael S., Maccioli, Gerald A., Azizkhan, Richard G., Wood, Robert E.: High-frequency Jet Ventilation in the Management of Congenital Tracheal Stenosis, 952
- Schwieger, Ian M., *see* Hall, Richard I.
- Scott, James C., *see* Shafer, Steven L.
- Scott, Ralph P. F., *see* Savarese, John J.
- Sear, John W., *see* Stone, J. Gilbert
- Sears, Daniel H., Abdul-Rasool, Imad H., Katz, Ronald L.: The Effect of a Second Dose of Succinylcholine on Cardiac Rate and Rhythm Following Induction of Anesthesia with Ketamine, 644
- Seltzer, Joseph L., Goldberg, Michael E., Larijani, Ghassem E., Ritter, Deborah E., Starsnic, Mary Ann, Stahl, Gregory L., Lefer, Allan M.: Prostacyclin Mediation of Vasodilation Following Mesenteric Traction, 514
- Sendak, Michael J., Harris, Andrew P., Donham, Robert T.: Accuracy of Pulse Oximetry During Arterial Oxyhemoglobin Desaturation in Dogs, 111
- Sessler, Daniel I., Israel, David, Pozos, Robert S., Pozos, Matthew, Rubinstein, Eduardo H.: Spontaneous Post-anesthetic Tremor Does Not Resemble Thermoregulatory Shivering, 843
- Sessler, Daniel I., Olofsson, Christine I., Rubinstein, Eduardo H., Beebe, Jay J.: The Thermoregulatory Threshold in Humans during Halothane Anesthesia, 836
- Sethna, Navil F., Rockoff, Mark A., Worthen, H. Michael, Rosnow, Jan M.: Anesthesia-related Complications in Children with Duchenne Muscular Dystrophy, 462
- Severinghaus, John W., Astrup, Poul B.: History of Blood Gas Analysis, 977
- Severinghaus, John W., *see* Astrup, Poul
- Shafer, Steven L., Siegel, Lawrence C., Cooke, James E., Scott, James C.: Testing Computer-controlled Infusion Pumps by Simulation, 261
- Sherman, Scott J., Cullen, Bruce F.: Nitrous Oxide and the Greenhouse Effect, 816
- Shimada, Yasuhiro, *see* Kainuma, Motoshi
- Shingu, Koh, *see* Mori, Kenjiro
- Shnider, Sol M., *see* Glosten, Beth
- Shnider, Sol M., *see* Preston, Paul G.
- Shnider, Sol M., *see* Rosen, Mark A.
- Shuer, Lawrence, *see* Parsons, David
- Shuer, Lawrence F., *see* Zasslow, Milford A.
- Shulman, Mark S., Edelmann, Robert: Use of Etomidate for Elective Cardioversion, 656
- Shulman, Steven M., Gorman, Roger S.: A Simple Technique to Eliminate Needle Stick Injuries, 817
- Sieber, Frederick E., Smith, David S.: Reply, 651
- Siegel, Lawrence C., Pearl, Ronald G.: Measurement of the Longitudinal Distribution of Pulmonary Vascular Resistance from Pulmonary Artery Occlusion Pressure Profiles, 305
- Siegel, Lawrence C., *see* Shafer, Steven L.
- Silverberg, Gerald, *see* Zasslow, Milford A.
- Simon, Eric J., *see* Wang, Boardman C.
- Simon, Owen, *see* Thiagarajah, Somasundaram
- Simpson, Joseph I., *see* Wolf, Gerald L.
- Sinatra, Raymond, *see* Harrison, Deborah M.
- Sinclair, Robert, Cassuto, Jean, Höglström, Seth, Lindén, Inga, Faxén, Anders, Hedner, Thomas, Ekman, Rolf: Topical Anesthesia with Lidocaine Aerosol in the Control of Postoperative Pain, 895
- Slinger, P., Triolet, W., Wilson, J.: Improving Arterial Oxygenation during One-lung Ventilation, 291
- Sloan, Tod B.: Finger Injury by an Oxygen Saturation Monitor Probe, 936
- Slogoff, Stephen, Keats, Arthur S.: Does Chronic Treatment with Calcium Entry Blocking Drugs Reduce Perioperative Myocardial Ischemia?, 676
- Smith, Bradley E., *see* Kambam, J. Reddy
- Smith, Charles E., Weeks, Sally K.: Anesthesia for Cesarean Section in a Patient with Asherman's Syndrome, 615
- Smith, David L., *see* Young, Marie L.
- Smith, David S., *see* Sieber, Frederick E.
- Smith, Maj-Lis, *see* Warner, David S.
- Soetens, M., *see* Van Zundert, A.
- Soetens, M., *see* Zundert, A. Van
- Soliman, Iris E., Broadman, Lynn M., Hannallah, Raafat S., McGill, Willis A.: Comparison of the Analgesic Effects of EMLA (Eutectic Mixture of Local Anesthetics) to Intradermal Lidocaine Infiltration Prior to Venous Cannulation in Unpremedicated Children, 804
- Soliman, Iris E., *see* DeSoto, Hernando
- Sollevi, Alf, *see* Öwall, Anders
- Sosis, Mitchel: Hazards of a New System for Placement of Endotracheal Tubes, 299
- Sosis, Mitchel: On the Use of Ophthalmic Ointment to Prevent Corneal Abrasions during General Anesthesia, 639
- Sosis, Mitchel: On the Use of Priming to Test for Anaphylactoid Reactions to Nondepolarizing Muscle Relaxants, 174
- Sosis, Mitchel, Goldberg, Michael E., Marr, Alexander T., Cubler, A. J., Larijani, Ghassem E.: Atracurium and Vecuronium Do Not Affect Extraocular Muscle Function After Outpatient Surgery, 465
- Stahl, Gregory L., *see* Seltzer, Joseph L.
- Stanley, Theodore H.: New Routes of Administration and New Delivery Systems of Anesthetics, 665
- Stanley, Theodore H., *see* Corssen, Guenter
- Stanski, Donald R., *see* Auems, Max E.
- Stanski, Donald R., *see* Maitre, Pierre O.
- Stanton-Hicks, Michael d.A., *see* Jantzen, Jan-Peter A. H.
- Starsnic, Mary Ann, *see* Seltzer, Joseph L.
- Steinberg, Gary, *see* Parsons, David
- Steward, David J., Da Silva, Carlos A., Flegel, Ted: Elevated Blood Glucose Levels May Increase the Danger of Neurological Deficit Following Profoundly Hypothermic Cardiac Arrest, 653
- Stirt, Joseph A., Grosslight, Kenneth R., Bedford, Robert F., Vollmer, Dennis: Reply, 168
- Stolte, Alan L., *see* Craft, John B., Jr.
- Stone, David J., DiFazio, Cosmo A.: Sedation for Patients with Parkinson's Disease Undergoing Ophthalmologic Surgery, 821
- Stone, J. Gilbert, Foëx, Pierre, Sear, John W., Johnson, Lynne L., Khambatta, Hoshang J., Triner, Lubos: Myocardial Ischemia in Untreated Hypertensive Patients: Effect of a Single Small Oral Dose of a Beta-Adrenergic Blocking Agent, 495
- Stowe, David F., Bosnjak, Zeljko J., Marijic, Jure, Kampine, John P.: Effects of Halothane With and Without Histamine and/or Epinephrine on Automaticity, Intracardiac Conduction Times, and Development of

- Dysrhythmias in the Isolated Guinea Pig Heart, 695  
Stowe, David F., Dujic, Zeljko, Bosnjak, Zeljko J., Kalbfleisch, John H., Kampine, John P.: Volatile Anesthetics Attenuate Sympathomimetic Actions on the Guinea Pig SA Node, 887  
Strauch, Berish, *see* Kaplan, Ronald  
Strichartz, Gary R., *see* Butterworth, John F., IV  
Strunin, L., *see* Davies, J. M.  
Sumikawa, Koji, *see* Hayashi, Yukio  
Sunder, N., *see* Savarese, John J.  
Sung, M-L., *see* Atiba, J. O.  
Suresh, Maya S., *see* Nelson, Sharon H.  
Swanson, Clifford R., Muir, William W., III: Simultaneous Evaluation of Left Ventricular End-systolic Pressure-volume Ratio and Time Constant of Isovolumic Pressure Decline in Dogs Exposed to Equivalent MAC Halothane and Isoflurane, 764  
Swerdlow, Barry N., Brodsky, Jay B., Butcher, Michael D.: Placement of a Morbidly Obese Patient in the Prone Position, 657  
Swygert, Thomas H., *see* Ramsay, Michael A. E.  
Sybert, Peter E., *see* Hickey, Robert F.

T

- Takaori, Masuhiko, *see* Fujita, Yoshihisa  
Takasaki, Mayumi: Cardiovascular Support Drugs during Thoracic Epidural Analgesia, 175  
Takeshita, Hiroshi, *see* Nakakimura, Kazuhiko  
Tan, S., *see* Cohen, S. E.  
Tang, C. K., *see* Puig, M. M.  
Tarnow, Jörg, Komar, Krystof: Altered Hemodynamic Response to Dobutamine in Relation to the Degree of Preoperative  $\beta$ -Adrenoceptor Blockade, 912  
Tashiro, Chikara, *see* Hayashi, Yukio  
Tateishi, Akio, *see* Scheller, Mark S.  
Teba, Luis, *see* Yeaton, Paul  
Teisseire, Bernard, *see* Radermacher, Peter  
The S.P.I. Research Group, *see* Knight, A. A.  
Thiagarajah, Somasundaram, Simon, Owen: Another Use for Swivel Adaptors, 655  
Thistlethwaite, J. Richard, *see* Lichtor, J. Lance  
Thompson, Gale E., *see* Brown, David L.  
Thomson, Ian R., Bergstrom, Richard G., Rosenbloom, Morley, Meatherall, Robert C.: Premedication and High-dose Fentanyl Anesthesia for Myocardial Revascularization: A Comparison of Lorazepam Versus Morphine-scopolamine, 194  
Thon, Klaus, *see* Chrubasik, Joachim  
Thys, Daniel, Hillel, Zaharia: Differences between M-mode and Two-dimensional Echocardiography, 645  
Tinker, John H., *see* Gilbert, Mads  
Tobia, Vito, *see* Jaffe, Rory S.

- Todesco, J. M., Williams, R. T.: Percutaneous Transtracheal High-frequency Jet Ventilation as an Aid to Fiberoptic Intubation, 298  
Toivonen, Hannu J., Makari, Nevine, Catravas, John D.: Monitoring of Pulmonary Endothelial Enzyme Function: An Animal Model for a Simplified Clinically Applicable Procedure, 44  
Tomera, John F., *see* Glidden, Randall S.  
Toung, Thomas J. K., Miyabe, Masayuki, McShane, Alan J., Rogers, Mark C., Traystman, Richard J.: Effect of PEEP and Jugular Venous Compression on Canine Cerebral Blood Flow and Oxygen Consumption in the Head Elevated Position, 53  
Toyoda, Yoshiro, *see* Kubota, Yuhio  
Traystman, Richard J., *see* Toung, Thomas J. K.  
Trevor, A. J., *see* Atiba, J. O.  
Triner, Lubos, *see* Stone, J. Gilbert  
Triolet, W., *see* Slinger, P.  
Trudell, James R., *see* Schieble, Thomas M.  
Tubau, J., *see* Knight, A. A.  
Tuchler, Mathew, *see* Olgin, Jeffrey  
Tucker, William Y., *see* Gravlee, Glenn P.  
Tullock, William C., *see* Boucek, Charles D.  
Turndorf, H., *see* Puig, M. M.  
Turndorf, Herman, *see* Axelrod, Felicia B.  
Turndorf, Herman, *see* Wang, Boardman C.  
Tyce, G. M., *see* Gaumann, D. M.

U

- Ueda, Wasa, Hirakawa, Masahisa, Mori, Korieki: Effect and Interaction of pH and Lidocaine on Epinephrine Absorption, 459  
Urmev, William F.: Accuracy of Expired Carbon Dioxide Partial Pressure Sampled from a Nasal Cannula. I, 959

V

- Vaes, L., *see* Van Zundert, A.  
Vaes, L., *see* Zundert, A. Van  
Vaghadia, Himat, *see* Montgomery, Carolyne J.  
Valek, Tim R., *see* Paulsen, A. William  
Valek, Tim R., *see* Ramsay, Michael A. E.  
Van Aken, Hugo, Meinshausen, Eckhard, Prien, Thomas, Brüssel, Thomas, Heinicke, Achim, Lawin, Peter: The Influence of Fentanyl and Tracheal Intubation on the Hemodynamic Effects of Anesthesia Induction with Propofol/N<sub>2</sub>O in Humans, 157  
Vandewalker, Gail E., *see* Chestnut, David H.  
Van Dyke, Russell, *see* Gelman, Simon  
Van Zundert, A., de Wolf, A., Vaes, L., Soetens, M.: Reply, 808  
Verrier, E., *see* Knight, A. A.  
Verrier, Edward D., *see* Hickey, Robert F.  
Viars, P., *see* Mankikian, B.  
Viby-Mogensen, J.: Atypical Serum Cholinesterase Eliminated by Orthotopic Liver Transplantation, 474

- Vickery, Ross G., *see* Maze, Mervyn  
Vollmer, Dennis, *see* Stirt, Joseph A.  
Voss, Gene A.: Facilitating Difficult Tracheal Intubation, 818  
Vozel, Samuel, *see* Maitre, Pierre O.  
Vuyk, Jaap, *see* Ausems, Max E.

W

- Wachtel, Ruth E.: Ketamine Decreases the Open Time of Single-channel Currents Activated by Acetylcholine, 563  
Wallenhaupt, Stephen L., *see* Gravlee, Glenn P.  
Wang, Boardman C., Hiller, Jacob M., Simon, Eric J., Hillman, Dean E., Turndorf, Herman: Intravenous Cystogram for Study of Urinary Retention following Intrathecal Morphine in Unanesthetized Rabbits, 962  
Wang, Jin P., *see* Chestnut, David H.  
Ward, Richard J., *see* Caplan, Robert A.  
Warner, David S., Boehland, Lowell A.: Effects of Iso-osmolal Intravenous Fluid Therapy on Post-ischemic Brain Water Content in the Rat, 86  
Warner, David S., Godersky, John C., Smith, Maj-Lis: Failure of Pre-ischemic Lidocaine Administration to Ameliorate Global Ischemic Brain Damage in the Rat, 73  
Warner, Louise O., Rogers, Gary L., Martino, J. David, Bremer, Don L., Beach, Thomas P.: Intravenous Lidocaine Reduces the Incidence of Vomiting in Children after Surgery to Correct Strabismus, 618  
Warner, W., *see* Puig, M. M.  
Wastila, William B., *see* Savarese, John J.  
Watanabe, Makoto, *see* Ohno, Hiroshi  
Weakly, J. Neal, *see* Savarese, John J.  
Webster, N. R., *see* Hubbard, A. K.  
Wedel, Denise J., *see* Gibbons, James J.  
Wedel, Denise J., *see* Gibson, Beth E.  
Weeks, Sally K., *see* Smith, Charles E.  
Weinbren, H. Kenneth, *see* Royston, Barbara D.  
Weiner, Carl P., *see* Chestnut, David H.  
Welborn, Leila G., de Soto, Hernando, Hannallah, Raafat S., Fink, Robert, Ruttimann, Urs E., Boeckx, Roger: The Use of Caffeine in the Control of Post-anesthetic Apnea in Former Premature Infants, 796  
Westcott, Roy, *see* Rao, Chalapathi C.  
Wheeler, David M., Bradley, Edwin L., Woods, W. T., Jr.: The Electrophysiologic Actions of Lidocaine and Bupivacaine in the Isolated, Perfused Canine Heart, 201  
White, P. F., *see* Atiba, J. O.  
White, P. F., *see* Cohen, S. E.  
Wild, Lorie M., *see* Ready, L. Brian  
Williams, E. Lynne, Dicks, Alan, Benson, Don M.: Reply, 813  
Williams, R. T., *see* Todesco, J. M.  
Wills, Michael H., Korbon, Gregg A., Arasi, Robert: Horner's Syndrome Resulting from a Lumbar Sympathetic Block, 613

Wilson, J., *see* Slinger, P.  
 Winnie, Alon P., *see* Dadabhoy, Zerin P.  
 Winnie, Alon P., *see* Schlake, Peter T.  
 Wolf, Gerald L., Simpson, Joseph I.: Reply,  
 173  
 Wood, Robert E., *see* Schur, Michael S.  
 Woods, W. T., Jr., *see* Wheeler, David M.  
 Woodward, David G., *see* Romanoff, Mark E.  
 Worthen, H. Michael, *see* Sethna, Navil F.  
 Wüst, Hans, *see* Chrubasik, Joachim

## Y

Yaksh, T. L., *see* Gaumann, D. M.  
 Yaksh, Tony L., *see* Durant, Philippe A. C.  
 Yamamoto, Tetsuro, *see* Obara, Hidefumi

Yaster, Myron: Does Halothane Protect  
 Against Hypoxia?, 318  
 Yates, Alan P. B., *see* McCarroll, S. Máire  
 Yeaton, Paul, Teba, Luis: Sinus Node Exit  
 Block following Administration of Vecuro-  
 nium, 177  
 Yoder, Richard D.: Preservation of Pulse Ox-  
 imeter Sensors, 308  
 Yonezawa, Toshihide, *see* Ohno, Hiroshi  
 Yoshiya, Ikuto, *see* Hayashi, Yukio  
 Young, Marie L., Smith, David L., Bagshaw,  
 Roger J., Bloom, Marc J.: Is Metocurine  
 Better?, 168

## Z

Zasslow, Milford A., Pearl, Ronald G., Larson,  
 C. Philip, Silverberg, Gerald, Shuer,

Lawrence F.: PEEP Does Not Affect Left  
 Atrial-Right Atrial Pressure Difference in  
 Neurosurgical Patients, 760  
 Zeitlin, Gerald L.: Sir Robert Macin-  
 tosh—Not MacIntosh, 647  
 Zeitlin, Gerald L., Roth, Robert A.: Effect of  
 Three Anesthetic Techniques on the Suc-  
 cess of Extracorporeal Shock Wave Litho-  
 tripsy in Nephrolithiasis, 272  
 Zindler, Martin, *see* Chrubasik, Joachim  
 Zornow, Mark H., Scheller, Mark S.: Cardiac  
 Arrest during Spinal Anesthesia. II, 970  
 Zornow, Mark H., *see* Scheller, Mark S.  
 Zundert, A. Van, Vaes, L., Soetens, M., de  
 Wolf, A.: Identification of Inadvertent In-  
 travenous Placement of an Epidural Cath-  
 eter in Obstetric Anesthesia, 142