


Stanford



(Robert) Jeenchen Chen

Clinical Instructor, Cardiothoracic Surgery

 Resume available Online

Bio

ACADEMIC APPOINTMENTS

- Clinical Instructor, Cardiothoracic Surgery
- Member, Cardiovascular Institute

HONORS AND AWARDS

- The Best Resident Teacher Award, Far Eastern Memorial Hospital, Taiwan (2013)
- Young Investigator Award: iPS cells & somatic cardiac regeneration—An exploratory bioinfo analysis, Association of Thoracic and Cardiovascular Surgeons of Asia, Seoul, South Korea (2009)

PROFESSIONAL EDUCATION

- MD, National Taiwan University College of Medicine , Surgery (1997)
- MPH, Harvard University School of Public Health , Quantitative Methods (1999)

COMMUNITY AND INTERNATIONAL WORK

- Discovery of Novel Genetic Causes Underlying Thoracic Aortic Aneurysms and Dissections, Taiwan

LINKS

- LinkedIn: <https://www.linkedin.com/in/rjchen/>
- ORCID: <https://orcid.org/0000-0001-6892-0602>
- Github: <https://github.com/tjcc>
- ResearchGate: https://www.researchgate.net/profile/Robert_Chen8
- ResearcherID: <http://www.researcherid.com/rid/B-3592-2008>
- Publons: <https://publons.com/author/320578>

Research & Scholarship

RESEARCH INTERESTS

- Collaborative Learning
- Data Sciences
- Lifelong Learning
- Math Education
- Research Methods

- Science Education
- Technology and Education

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Full version (<https://medium.com/@rjcc1017/current-research-and-scholarly-interests-bfc38bf84371>)

Practicing over the years, with experience in robotic surgery, transplant surgery, aortic surgery, biostatistics, and artificial intelligence, I've co-authored several papers of the outcome prediction models for heart surgery, heart transplant, lung transplant and ECMO by using clinical databases and various regression models. My established expertise is to translate clinical questions and data into practical interpretations. I have a ready-made workflow and framework platform, consisting of PostgreSQL, SAS-9, SAS-Viya, and Stata-17, for data cross-linking, cleansing, analysis, reporting, interpretation, feedback, and re-iterating for revised hypotheses. A colleague may bring some clinical questions and some datasets to me, I will analyze on my statistical platforms, and then interpret them to answer the questions for reporting and publication. This research interest primarily uses parametric and non-parametric statistical comparisons, correlations, and regressions (linear, logistic, or Cox) to generate p-values, confidence intervals, correlation coefficients, regression coefficients, odds ratios, hazard ratios, ROC curves, AUC, Kaplan-Meier curves, etc., to elucidate various relationships among variables or covariates. This is conventional biostatistical analysis on clinical databases.

Here are some of the topics of my research proposals:

CTA Interpretation and surgical planning of aortic dissections by artificial intelligence deep machine learning

Artificial Intelligence Prediction Model of the Outcomes of the Patients with Profound Cardiogenic Shock status post VA-ECMO

A Scoring System for Identifying Severe Cases of Influenza-like Illness by Comorbidity and Age—A Nationwide Cohort Analysis (<http://dx.doi.org/10.3897/rio.2.e9648>)

Clinical roles of soluble ST2 for the outcomes of cardiac valve operations—a study of hospital-based data (<http://dx.doi.org/10.3897/rio.2.e8849>)

Bi-directional immuno-modulation by Matrix Metalloproteinase-7 (MMP-7) and A Disintegrin and Metalloproteinase-17 (ADAM-17) as transplantation rejection-tolerance spectrum (<http://dx.doi.org/10.3897/rio.2.e9268>)

Here are some topics of the manuscripts in writing or submission:

Impact of the New Allocation Policy Change on Patients with Hypertrophic Cardiomyopathy—a study by UNOS data

Surgical outcomes of pericardiectomy for constrictive pericarditis—a study by national and hospital databases

The effect of hybrid operation on the outcomes of acute type-A aortic dissection—a study by hospital information system

Here is the topic I have been working on in Indiana University School of Medicine, Indianapolis, Indiana, USA, with Dr. Michael Sturek and Dr. Mouhamad Alloosh, Department of Anatomy, Cell Biology, & Physiology:

Calcium Physiology of Coronary Artery Smooth Muscle is Influenced by Atherosclerosis Risk Factors, Ischemic Cardiomyopathy, and Left Ventricular Assist Devices—the First Evidence of Adult Human Hearts from Transplant Cardiectomy (the preliminary results orally presented at ISHLT 2017)

Here is the topic I have been working on with Dr. Alireza Haghighi, Departments of Medicine and Genetics, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA, and Dr. You-Cian Lin, Division of Cardiovascular Surgery, China Medical University Hospital, Taichung, Taiwan:

Discovery of Novel Genetic Causes Underlying Thoracic Aortic Aneurysms and Dissections—Hospital specimens analyzed by whole-genome sequencing and RNAseq

To recap, my current research and scholarly interests are: data science approaches that decipher and interpret, and innovative solutions to the bottlenecks of thoracic transplant. My strength is on the dry lab side. Welcome all experts on the wet lab side but also dry lab as well.

PROJECTS

- Discovery of Novel Genetic Causes Underlying Thoracic Aortic Aneurysms and Dissections - China Medical University Hospital / Brigham and Women's Hospital, Harvard Medical School
- Transplantation Immuno-Modulatory Roles of Matrix Metalloproteinase-7 (MMP-7) and A Disintegrin and Metalloproteinase-17 (ADAM-17) For Allograft Rejection-Tolerance - National Taiwan University Institute of Biochemistry and Molecular Biology, Taiwan

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiothoracic Surgery (Fellowship Program)

Publications

PUBLICATIONS

- **Differential Serum Proteomic Signatures between Acute Aortic Dissection and Acute Myocardial Infarction** *Biomedicines*
Lin, Y., Chen, J., Lin, J., Hsu, C., Wu, C., Kao, S.
2023; 11 (1): 161
- **The Early Dynamic Change in Cardiac Enzymes and Renal Function Is Associated with Mortality in Patients with Fulminant Myocarditis on Extracorporeal Membrane Oxygenation: Analysis of a Single Center's Experience.** *Healthcare (Basel, Switzerland)*
Ho, C., Ju, T. R., Lee, C. C., Lin, H., Wang, A., Chen, R. J., Lin, Y.
2022; 10 (6)
- **Marker Games: Seeking Better Biomarkers?** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Chen, R., Yu, W.
2016; 194 (1): 11-13
- **Right miniparasternotomy may be a good minimally invasive alternative to full sternotomy for cardiac valve operations: a propensity-adjusted analysis.** *The Journal of cardiovascular surgery*
Chiu, K. M., Chen, R. J., Lin, T. Y., Chen, J. S., Huang, J. H., Huang, C. Y., Chu, S. H.
2016; 57 (1): 111-20
- **Videoscope-assisted cardiac surgery** *JOURNAL OF THORACIC DISEASE*
Chiu, K., Chen, R.
2014; 6 (1): 22-30
- **Cardioplegia Delivery by Transcutaneous Pigtail Catheter in Minimally Invasive Mitral Valve Operations** *ANNALS OF THORACIC SURGERY*
Chiu, K., Chen, R., Lin, T., Chen, J., Huang, J., Chu, S.
2013; 95 (3): E77-E78
- **Short-term outcomes of cadaveric lung transplantation in ventilator-dependent patients** *CRITICAL CARE*
Hsu, H., Chen, J., Ko, W., Huang, S., Kuo, S., Huang, P., Chi, N., Chang, C., Chen, R. J., Lee, Y.
2009; 13 (4): R129
- **Tricuspid Valve Regurgitation and Endomyocardial Biopsy After Orthotopic Heart Transplantation** *TRANSPLANTATION PROCEEDINGS*
Chen, R., Wei, J., Chang, C., Chuang, Y., Lee, K., Sue, S., Chen, H.
2008; 40 (8): 2603-2606
- **Analysis and results of prolonged resuscitation in cardiac arrest patients rescued by extracorporeal membrane oxygenation** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Chen, Y. S., Chao, A., Yu, H. Y., Ko, W. J., Wu, I. H., Chen, R. J., Huang, S. C., Lin, F. Y., Wang, S. S.
2003; 41 (2): 197-203
- **A case report of acquired methemoglobinemia rescued by veno-venous extracorporeal membrane oxygenation** *MEDICINE*
Lien, Y., Lin, Y., Chen, R.
2021; 100 (15): e25522
- **Lung Transplant Outcomes with Concomitant Heart Donation**
Bobba, C. M., Keller, B. C., Rosenheck, J., Henn, M. C., Chen, R., Mokadam, N. A., Whitson, B. A., Ganapathi, A. M.
ELSEVIER SCIENCE INC.2021: S329
- **Comparison of Waitlist and Post-Transplant All-Cause Mortality in Patients with Hypertrophic Cardiomyopathy before and after the UNOS Allocation System Change**

- Chen, R. J., Vallakati, A., Ganapathi, A. M., Henn, M. C., Whitson, B. A., Mokadam, N. A., Lampert, B., Benza, R., Hasan, A., Kahwash, R., Franco, V., Haas, G., Emani, et al
ELSEVIER SCIENCE INC.2021: S222
- **BCL-6 promotes the methylation of miR-34a by recruiting EZH2 and upregulating CTRP9 to protect ischemic myocardial injury** *BIOFACTORS*
Lin, J., Hsu, C., Chen, J., Kao, S., Lin, Y.
2021; 47 (3): 386-402
 - **Down-Regulation of miR-34a-5p Potentiates Protective Effect of Adipose-Derived Mesenchymal Stem Cells Against Ischemic Myocardial Infarction by Stimulating the Expression of C1q/Tumor Necrosis Factor-Related Protein-9** *FRONTIERS IN PHYSIOLOGY*
Weng, C., Wu, C., Kao, S., Chen, J., Lin, H.
2019; 10: 1445
 - **Thromboelastogram Directed Anticoagulation After Left Ventricular Assist Device Implantation**
Abdou, M., Chen, R. J., Wang, I., Gleissner, E., Pickrell, J., Caccamo, M., Hadi, A.
ELSEVIER SCIENCE INC.2017: S248
 - **Voltage-Gated Ca²⁺ Influx into Coronary Artery Smooth Muscle Is Decreased in Ischemic versus Non-Ischemic Cardiomyopathy - The First Evidence from Human Transplant Cardiectomy Samples**
Chen, R. J., Alloosh, M., Badin, J. K., Sturek, M., Wang, I., Wozniak, T., Hashmi, Z. A.
ELSEVIER SCIENCE INC.2017: S135
 - **Skirted Cannula Technique for Apical Cannulation in Implantation of Centrimag Left Ventricular Assist Device** *ANNALS OF THORACIC SURGERY*
Shen, T., Tsai, K., Hu, C., Chen, R.
2016; 101 (6): 2404-2406
 - **Cardiac Myxoma With Unusual Obstructive and Embolic Presentations Concurrent Stroke and Angiography-Negative Myocardial Infarction-A Case Report** *MEDICINE*
Chen, R., Chou, H., Tsai, K., Shen, T., Hu, C.
2015; 94 (38): e1602
 - **Intraoperative Measurement of Fractional Flow Reserve in Off-Pump Coronary Artery Bypass: A Pilot Study** *THORACIC AND CARDIOVASCULAR SURGEON*
Chiu, K., Lin, T., Chen, J., Huang, J., Chen, R., Chu, S.
2015; 63 (4): 288-291
 - **Technological Innovations in the Development of Cardiovascular Clinical Information Systems** *JOURNAL OF MEDICAL SYSTEMS*
Hsieh, N., Chang, C., Lee, K., Chen, J., Chan, C.
2012; 36 (2): 965-978
 - **Connective Tissue Growth Factor Acts as a Therapeutic Agent and Predictor for Peritoneal Carcinomatosis of Colorectal Cancer** *CLINICAL CANCER RESEARCH*
Lin, B., Chang, C., Chen, R., Jeng, Y., Liang, J., Lee, P., Chang, K., Kuo, M.
2011; 17 (10): 3077-3088
 - **Effect of Coronary Artery Disease on the Outcomes of the Patients with Ischemic Stroke in Taiwan**
Yin, J., Chen, R. J.
LIPPINCOTT WILLIAMS & WILKINS.2011: E336
 - **Associations of exposure to noise with physiological and psychological outcomes among post-cardiac surgery patients in ICUs** *CLINICS*
Hsu, S., Ko, W., Liao, W., Huang, S., Chen, R. J., Li, C., Hwang, S.
2010; 65 (10): 985-989
 - **Analysis of bicanalicular nasal intubation in the repair of canalicular lacerations** *JAPANESE JOURNAL OF OPHTHALMOLOGY*
Wu, S., Ma, L., Chen, R. J., Tsai, Y., Chu, Y.
2010; 54 (1): 24-31
 - **The Correlation between Right Descending Pulmonary Artery Diameter and Echocardiography-Estimated Systolic Pulmonary Artery Pressure** *ACTA CARDIOLOGICA SINICA*
Lin, S., Chen, R., Lee, J.
2009; 25 (4): 213-217

- **Risk Factors and Surgical Prognosis in Patients with Infra-Renal Abdominal Aortic Aneurysms** *ACTA CARDIOLOGICA SINICA*
Lee, K., Chen, R., Chang, C., Sue, S., Tung, T., Chu, T., Wei, J., Chuang, Y.
2009; 25 (2): 91-97
- **Measurement of Human Erythrocyte C4d to Erythrocyte Complement Receptor 1 Ratio in Cardiac Transplant Recipients With Acute Symptomatic Allograft Failure** *TRANSPLANTATION PROCEEDINGS*
Lee, K. C., Chang, C. Y., Chuang, Y. C., Sue, S. H., Chu, T. W., Chen, R. J., Chen, S. H., Wei, J., Chen, C. H.
2008; 40 (8): 2638-2642
- **The Influence of Gender on Survival After Heart Transplantation** *TRANSPLANTATION PROCEEDINGS*
Tsao, C. I., Chen, R. J., Chou, N. K., Ko, W. J., Chi, N. H., Yu, H. Y., Chen, Y. S., Chen, S. C., Wang, S. S.
2008; 40 (8): 2634-2635
- **The Influence of Donor Characteristics on Survival After Heart Transplantation** *TRANSPLANTATION PROCEEDINGS*
Tsao, C. I., Chen, R. J., Chou, N. K., Ko, W. J., Chi, N. H., Yu, H. Y., Chen, Y. S., Chen, S. C., Wang, S. S.
2008; 40 (8): 2636-2637
- **Incidence, risk factors, and prognosis of postoperative hyperbilirubinemia after heart transplantation** *EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY*
Hsu, R., Lin, F., Chen, R. J., Chou, N., Ko, W., Chi, N., Wang, S., Chun, S.
2007; 32 (6): 917-922
- **Long-term outcome and effects of oral bosentan therapy in Taiwanese patients with advanced idiopathic pulmonary arterial hypertension** *RESPIRATORY MEDICINE*
Hsu, H., Chen, J., Chen, R. J., Ko, W., Kuo, S., Wu, E., Wu, M., Wang, J., Lee, Y.
2007; 101 (7): 1556-1562
- **Effect of connective tissue growth factor on hypoxia-inducible factor 1 alpha degradation and tumour angiogenesis** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Chang, C., Lin, M., Lin, B., Jeng, Y., Chen, S., Chu, C., Chen, R. J., Chang, K., Yang, P., Kuo, M.
2006; 98 (14): 984-995
- **Role of appendectomy in laparoscopic training** *JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES*
Chiu, C. C., Wei, P. L., Wang, W., Chen, R. J., Chen, T. C., Lee, W. J., Huang, M. T.
2006; 16 (2): 113-118
- **Additional minocycline pleurodesis after thoracoscopic surgery for primary spontaneous pneumothorax** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Chen, J. S., Hsu, H. H., Chen, R., Kuo, S. W., Huang, P. M., Tsai, P. R., Lee, J. M., Lee, Y. C.
2006; 173 (5): 548-554
- **Antimicrobial drug resistance in salmonella-infected aortic aneurysms** *ANNALS OF THORACIC SURGERY*
Hsu, R. B., Lin, F. Y., Chen, R. J., Hsueh, P. R., Wang, S. S.
2005; 80 (2): 530-536
- **Renal dysfunction after heart transplantation: Incidence, prognosis and risk factors** *JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION*
Hsu, R. B., Chen, R. J., Lin, C. H., Chou, N. K., Ko, W. J., Wang, S. S., Chu, S. H.
2005; 104 (7): 482-486
- **Nontyphoid Salmonella bacteremia in patients with liver cirrhosis** *AMERICAN JOURNAL OF THE MEDICAL SCIENCES*
Hsu, R. B., Chen, R. J., Chu, S. H.
2005; 329 (5): 234-237
- **Influence of ciprofloxacin resistance on risk factors for endovascular infection in patients with infection due to group c nontyphoid salmonellae** *CLINICAL INFECTIOUS DISEASES*
Hsu, R. B., Chen, R. J., Lin, F. Y., Chu, S. H.
2005; 40 (9): 1364-1367
- **Association of angiotensin-converting enzyme insertion/deletion polymorphism with serum level and development of pulmonary complications following esophagectomy** *ANNALS OF SURGERY*
Lee, J. M., Lo, A. C., Yang, S. Y., Tsau, H. S., Chen, R. J., Lee, Y. C.

2005; 241 (4): 659-665

- **Outcome of medical and surgical treatment in patients with acute type B aortic dissection** *ANNALS OF THORACIC SURGERY*
Hsu, R. B., Ho, Y. L., Chen, R. J., Wang, S. S., Lin, F. Y., Chu, S. H.
2005; 79 (3): 790-795
- **Low incidence of malignancy after transplantation in Chinese heart allograft recipients** *TRANSPLANT INTERNATIONAL*
Hsu, R. B., Chen, R. J., Chou, N. K., Ko, W. J., Wang, S. S., Chu, S. H.
2005; 18 (3): 283-288
- **Incidence of serum creatine kinase elevation and its relation to medications used after heart transplantation** *CLINICAL TRANSPLANTATION*
Hsu, R. B., Chen, R. J., Wang, S. S., Chu, S. H.
2005; 19 (1): 45-50
- **Connective tissue growth factor inhibits metastasis and acts as an independent prognostic marker in colorectal cancer** *GASTROENTEROLOGY*
Lin, B. R., Chang, C. C., Che, T. F., Chen, S. T., Chen, R. J., Yang, C. Y., Jeng, Y. M., Liang, J. T., Lee, P. H., Chang, K. J., Chau, Y. P., Kuo, M. L.
2005; 128 (1): 9-23
- **Risk factors for recurrent bacteremia in adult patients with nontyphoid salmonellosis** *AMERICAN JOURNAL OF THE MEDICAL SCIENCES*
Hsu, R. B., Chen, R. J., Chu, S. H.
2004; 328 (6): 315-318
- **Risk factor screening scale to optimize treatment for potential heart transplant candidates under extracorporeal membrane oxygenation** *AMERICAN JOURNAL OF TRANSPLANTATION*
Chen, Y. S., Ko, W. J., Chi, N. H., Wu, I. H., Huang, S. C., Chen, R. J., Chou, N. K., Hsu, R. B., Lin, F. Y., Wang, S. S., Chu, S. H., Yu, H. Y.
2004; 4 (11): 1818-1825
- **Cyclosporine C-2 monitoring is superior to C-0 in predicting acute cellular rejection in heart transplant recipients in Taiwan**
Chou, N. K., Chen, R. J., Ko, W. J., Lin, H. L., Yu, S. Y., Chen, Y. S., Hsu, R. B., Lee, C. M., Lin, F. Y., Wang, S. S.
ELSEVIER SCIENCE INC.2004: 2393-2395
- **Infected aortic aneurysms: Clinical outcome and risk factor analysis** *JOURNAL OF VASCULAR SURGERY*
Hsu, R. B., Chen, R. J., Wang, S. S., Chu, S. H.
2004; 40 (1): 30-35
- **Infective endocarditis in patients with liver cirrhosis** *JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION*
Hsu, R. B., Chen, R. J., Chu, S. H.
2004; 103 (5): 355-358
- **Effects of additional minocycline pleurodesis after thoracoscopic procedures for primary spontaneous pneumothorax** *CHEST*
Chen, J. S., Hsu, H. H., Kuo, S. W., Tsai, P. R., Chen, R. J., Lee, J. M., Lee, Y. C.
2004; 125 (1): 50-55
- **Hand-assisted laparoscopic hepatectomy for solid tumor in the posterior portion of the right lobe - Initial experience** *ANNALS OF SURGERY*
Huang, M. T., Lee, W. J., Wang, W., Wei, P. L., Chen, R. J.
2003; 238 (5): 674-679
- **Minilaparoscopic and laparoscopic cholecystectomy - A comparative study** *ARCHIVES OF SURGERY*
Huang, M. T., Wang, W., Wei, P. L., Chen, R. J., Lee, W. J.
2003; 138 (9): 1017-1023
- **Soluble inflammatory markers in coronary sinus and peripheral blood of heart transplant recipients** *CLINICAL TRANSPLANTATION*
Hsu, R. B., Tsay, Y. G., Lee, C. M., Chen, R. J., Wang, S. S., Chu, S. H.
2003; 17 (4): 331-337
- **Risk factors for primary bacteremia and endovascular infection in patients without acquired immunodeficiency syndrome who have nontyphoid salmonellosis** *CLINICAL INFECTIOUS DISEASES*
Hsu, R. B., Tsay, Y. G., Chen, R. J., Chu, S. H.
2003; 36 (7): 829-834

- **Needlescopic versus conventional video-assisted thoracic surgery for primary spontaneous pneumothorax: A comparative study** *ANNALS OF THORACIC SURGERY*
Chen, J. S., Hsu, H. H., Kuo, S. W., Tsai, P. R., Chen, R. J., Lee, J. M., Lee, Y. C.
2003; 75 (4): 1080-1085
- **Attenuation of human-to-pig xenogenic cellular proliferation and Th1 response by expressing the human MHC II DQ exogenes on porcine cells**
Lee, J. M., Tu, C. F., Huang, S. C., Tsuji, K., Chen, R. J., Hu, C. Y., Hsieh, R. P., Tai, H. C., Weng, C. N., Lee, Y. C., Lee, C. J.
ELSEVIER SCIENCE INC.2003: 527-528
- **Non-transplant cardiac surgery for end-stage dilated cardiomyopathy in small children** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Hsu, R. B., Chen, R. J., Wu, M. H., Wang, J. K., Wang, S. S., Chu, S. H.
2003; 22 (1): 94-97
- **Determinants of successful surgical revascularization for failed angioplasty in patients with acute myocardial infarction and cardiogenic shock** *JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION*
Hsu, R. B., Chen, R. J., Wang, S. S., Chu, S. H.
2002; 101 (12): 815-819
- **Non-heart-beating donors under extracorporeal membrane oxygenation support**
Ko, W. J., Chen, Y. S., Chen, R. J., Lai, M. K., Lee, P. H.
ELSEVIER SCIENCE INC.2002: 2600-2601
- **Needlescopic appendectomy as a routine procedure: "Just because you can?" or "Just because you cannot?"** *SURGICAL LAPAROSCOPY ENDOSCOPY & PERCUTANEOUS TECHNIQUES*
Ng, W. T., Kong, C. K., Tse, S., Hui, S. K., Sze, Y. S.
2002; 12 (4): 301-302
- **Needlescopic, laparoscopic, and open appendectomy: A comparative study (vol 11, pg 306, 2001)** *SURGICAL LAPAROSCOPY ENDOSCOPY & PERCUTANEOUS TECHNIQUES*
Huang, M. T., Wei, P. L., Wu, C. C., Lai, I. R., Chen, R. J., Lee, W. J.
2002; 12 (4): CP3
- **Needlescopic appendectomy as a routine procedure: "Just because you can?" or "Just because you cannot?" - Reply** *SURGICAL LAPAROSCOPY ENDOSCOPY & PERCUTANEOUS TECHNIQUES*
Huang, M. T., Wei, P. L., Wu, C. C., Lee, W. J., Lai, I. R., Chen, R. J.
2002; 12 (4): 302-304
- **Successful rescue of sustained ventricular tachycardia/ventricular fibrillation after coronary artery bypass grafting by extracorporeal membrane oxygenation** *JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION*
Chen, R. J., Ko, W. J., Lin, F. Y.
2002; 101 (4): 283-286
- **Extracorporeal membrane oxygenation support for adult postcardiotomy cardiogenic shock** *ANNALS OF THORACIC SURGERY*
Ko, W. J., Lin, C. Y., Chen, R. J., Wang, S. S., Lin, F. Y., Chen, Y. S.
2002; 73 (2): 538-545
- **Reduction of human-to-pig cellular response by alteration of porcine MHC with human HLA DPW0401 exogenes** *TRANSPLANTATION*
Lee, J. M., Tu, C. F., Yang, P. W., Lee, K. H., Tsuji, K., Tsai, M. K., Chen, R. J., Hu, C. Y., Hsieh, R. P., Tai, H. C., Chiang, B. L., Weng, C. N., Lee, et al
2002; 73 (2): 193-197
- **Needlescopic, laparoscopic, and open appendectomy: A comparative study** *SURGICAL LAPAROSCOPY ENDOSCOPY & PERCUTANEOUS TECHNIQUES*
Huang, M. T., Wei, P. L., Wu, C. C., Lai, I. R., Chen, R. J., Lee, W. J.
2001; 11 (5): 306-312

PRESENTATIONS

- Comparison of Waitlist and Post-Transplant All-Cause Mortality in Patients with Hypertrophic Cardiomyopathy before and after the UNOS Allocation Policy Change - ISHLT 2021 (4/24/2021 - 4/28/2021)
- AI (Big Data) & Surgery - China Medical University Hospital (5/28/2019 - 5/28/2019)

- Voltage-Gated Ca²⁺ Influx into Coronary Artery Smooth Muscle is Increased in Ischemic versus Non-Ischemic Cardiomyopathy - The First Evidence from Human Transplant Cardiotomy Samples - ISHLT 2017 (4/5/2017 - 4/8/2017)
- Pericardial Window For Malignant Pericardial Effusion With Lung Cancer Have Worse Long-Term Outcomes Than Other Cancers - American Thoracic Society 2017 (5/19/2017 - 5/24/2017)
- Endomyocardial Biopsy and Acute Cellular Rejection May Not increase Tricuspid Valve Regurgitation After Orthotopic Batrial Heart Transplantation - Asian Society for Cardiovascular and Thoracic Surgery 2008 (3/13/2008 - 3/16/2008)
- Risk-prediction models for CABG of coronary artery left-main disease and EuroScore in Taiwan - ICCAD 2009 (10/11/2009 - 10/14/2009)
- Induced pluripotent stem (iPS) cells and somatic cardiac regeneration— An exploratory bioinformatic analysis - Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia 2009 (10/25/2009 - 10/28/2009)
- EuroScore and Our Risk-Prediction Models for Surgical and All-Cause Mortality of Coronary Artery Bypass Grafting for Coronary Artery Left-Main Disease - Asian Society for Cardiovascular and Thoracic Surgery 2009 (3/5/2009 - 3/8/2009)
- Tricuspid Valve Regurgitation and Endomyocardial Biopsy after Orthotopic Heart Transplantation - Congress of Asian Society of Transplantation 2007 (12/1/2007 - 12/4/2007)