

Curriculum Vitae and Bibliography

Dong Jin Joo, MD, PhD, FACS

Personal Information

Title: Professor of Surgery
Place of Birth: Seoul, South Korea
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Education

Chung-Ang University College of Medicine - MD 03/1997 - 02/2003
Yonsei University College of Medicine - Graduate Schools (MS) 09/2006 - 02/2009
Yonsei University College of Medicine - Doctor of Philosophy (PhD), Medical Science 09/2009 - 08/2013
*Military Service - Sergeant, Army 1994 - 1996

Clinical Training

Chung-Ang University College of Medicine - Internship 03/2003 - 02/2004
Yonsei University College of Medicine - Resident, General Surgery 03/2004 - 02/2008
Yonsei University College of Medicine - Fellow, Organ Transplantation & HBP surgery 03/2008 - 02/2010

Previous Professional Positions and Major Appointments

Main chief resident - Surgery, Yonsei University College of Medicine 2007
Instructor - Surgery, Yonsei University College of Medicine 03/2008 - 02/2009
Clinical Research Assistant Professor - Yonsei University College of Medicine 03/2009 - 02/2010
Clinical Assistant Professor - Transplantation Surgery, Yonsei University 03/2010 - 02/2012
Assistant Professor - Surgery, Yonsei University College of Medicine 03/2012 - 02/2018
Associate Professor - Surgery, Yonsei University College of Medicine 03/2018 - 02/2021
Professor of Surgery, Yonsei University College of Medicine 03/2021 - Present

Certification

Korean Medical License (80008) 03/2003 - Present
Korean Board of Surgery (6000) 03/2008 - Present
Korean Subspecialty Board of HBP Surgery (176) 09/2013 - Present

Professional and Community Memberships, Societies, and Services

The Korean Society for Transplantation

Regular Member	2008 - 2015
Board of Directors	2016 - Present
Information and Web Committee, assistant administrator	2011 - 2014
Ethical Committee, member	2011 - 2013
	2016 - Present
Research and Education Committee, member	2011 - 2013
Auditor	2012 - 2014
Organ Donation Vitalizing Committee, member	2013 - 2014
Academic Committee, member	2013 - 2015
Academic Committee, member, assistant administrator	2016 - 2017
International Cooperation Committee, member	2016 - 2021
National Cooperation Committee, member	2016 - 2021
Educational Committee, member	2017 - 2021
Vice secretary general	2017 - 2019
Standing Committee	2021 - Present
Information Committee, chair	2021 - Present

The Korean Association of HBP Surgery

Lifetime Member	2012 - Present
Publicity committee, member	2015 - 2016
Academic committee, member	2018 - 2020
Research committee, member	2021 - Present

Korean Surgical Society

Lifetime Member	2008 - Present
Textbook Publication committee, member	2019 - Present

The Korean Society of Nephrology

Regular Member	2009 - Present
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The Transplantation Society (TTS)

Full Member	2010 - Present
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American Society of Transplantation (AST)

Full Member	2010 - Present
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The Korean Society for Vascular Surgery

Lifetime Member	2010 - Present
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Korean Liver Transplantation Society

Regular Member	2010 - Present
Secretary General	2014 - 2015

Korean Association for the Study of the Liver

Lifetime Member	2012 - Present
Publication committee, member	2018 - Present

The Korean Liver Cancer Association

Lifetime Member	2011 - Present
Academic committee, member	2018 - Present

The Korean Association for the Study of the Liver

Lifetime Member	2012 - Present
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International Liver Transplantation Society (ILTS)

Regular Member	2013 - Present
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International Society for Simulation Surgery

Regular Member	2013 - 2016
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Academic Committee	2013 - 2016
Lifetime Member	2016 - Present
American College of Surgeon FACS	2017 - Present
International Society of Liver Surgeons (ISLS) Academic Committee	2020 – Present
International Study Group Leader	2019 - Present
Journals CMH (Clinical and Molecular Hepatology) Associate Editor	2020 - Present

Visiting Professorship

University of Miami, Jackson Memorial Hospital, FL, USA Liver and Intestinal Transplantation - Visiting Fellow	06/2009
Mayo Clinic, Rochester, MN, USA Artificial Liver and Liver Transplantation (Scott L. Nyberg's Lab), Research fellow	08/2016 - 08/2018

BIBLIOGRAPHY

Books

1. **Joo DJ**, Kim SI. Pancreas Transplantation. Text book of the Pancreatology, Ch10. Koonja 2018.
2. Nicolas CT, **Joo DJ**, Nelson ED, Zhang Y, Nyberg SL. Stem Cell Therapies for Liver Diseases. Encyclopedia of Tissue Engineering and Regenerative Medicine. Elsevier 2019.
3. **Joo DJ**. Bench Surgery in Living Donor Liver Transplantation, Atlas of Surgical Procedures. Ch9. Korean Surgical Society. Koonja 2021.

Research Articles

1. **Joo DJ**, Kim MS, Ahn HJ, Ju MK, Jeun KO, Kim HJ, Kim SI, Kim YS. The Result of Renal Allograft which Lymphocyte Crossmatch is Negatively Converted by Pretransplant Plasmapheresis and IV γ -globulin. J Korean Soc Transplant 2006; 20: 207-12.
2. **Joo DJ**, Kim SS, Choi WH, Cheong JH, Lim JS, Hyung WJ, Choi SH, Noh SH. Laparoscopic Adhesiolysis for Recurrent Small Bowel Obstruction after Radical Gastrectomy. Journal of Korean Surgical Society 2006; 71: 338-43.
3. Huh KH, Kim SI, **Joo DJ**, Ju MK, Chang HK, Kim HJ, Kim YS, Kim MS. Efficacy of a negative conversion trial and subsequent living donor kidney transplant outcome in recipients with a positive lymphocyte crossmatch. Nephron Clin Pract 2009; 111: c49-54.
4. **Joo DJ**, Kim SJ, Ju MK, Park JP, Huh KH, Choi JS, Kim MS, Kim SI. Stevens-Johnson syndrome in a liver transplant recipient. Transpl Int 2009; 22: 667-9.
5. Ju MK, **Joo DJ**, Kim SJ, Chang HK, Kim MS, Kim SI, Kim YS. Invasive pulmonary aspergillosis after solid organ transplantation: diagnosis and treatment based on 28 years of transplantation experience. Transplant Proc 2009; 41: 375-8.
6. Ju MK, **Joo DJ**, Kim SJ, Huh KH, Kim MS, Jeon KO, Kim HJ, Kim SI, Kim YS. Chronologically different incidences of post-transplant malignancies in renal transplant recipients: single center experience. Transpl Int 2009; 22: 644-53.

7. Fang YH, **Joo DJ (Co-first)**, Lim BJ, Kim JY, Kim MS, Jeong HJ, Kim YS. AEB-071 versus tacrolimus monotherapy to prevent acute cardiac allograft rejection in the rat: a preliminary report. *Transplant Proc* 2010; 42: 976-9.
8. Han WK, Lee HY, Jeon HG, **Joo DJ**, Rha KH, Yang SC. Quality of life comparison between open and retroperitoneal video-assisted minilaparotomy surgery for kidney donors. *Transplant Proc* 2010; 42: 1479-83.
9. Jeon HG, Lee SR, **Joo DJ**, Oh YT, Kim MS, Kim YS, Yang SC, Han WK. Predictors of kidney volume change and delayed kidney function recovery after donor nephrectomy. *J Urol* 2010; 184: 1057-63.
10. Jeong JH, Lee JI, Ju MK, **Joo DJ**, Huh KH, Kim MS, Kim JY, Cho Y, Kim YS. Proliferation of pancreatic endocrine cells using disaggregation-expansion-reaggregation technology in isolated rat islets. *Transplant Proc* 2010; 42: 907-10.
11. **Joo DJ**, Huh KH, Cho Y, Jeong JH, Kim JY, Ha H, Kim YS. Change in serum lipid peroxide as an oxidative stress marker and its effects on kidney function after successful kidney transplantation. *Transplant Proc* 2010; 42: 729-32.
12. **Joo DJ**, Jung I, Kim MS, Huh KH, Kim H, Choi JS, Choi GH, Kim SI. Comparison of the affinity column-mediated immunoassay and microparticle enzyme immunoassay methods as a tacrolimus concentration assay in the early period after liver transplantation. *Transplant Proc* 2010; 42: 4137-40.
13. **Joo DJ**, Kim JY, Lee JI, Jeong JH, Cho Y, Ju MK, Huh KH, Kim MS, Kim YS. Manufacturing of insulin-secreting spheroids with the RIN-5F cell line using a shaking culture method. *Transplant Proc* 2010; 42: 4225-7.
14. Ju MK, Choi GH, Huh KH, **Joo DJ**, Kim SJ, Choi J, Kim MS, Kim SI, Kim YS. UCSF criteria by pre-transplant radiologic study can not assure similar post-transplant results of hepatocellular carcinoma within Milan criteria. *Hepatogastroenterology* 2010; 57: 819-25.
15. Ju MK, Choi GH, **Joo DJ**, Hur KH, Choi J, Kim MS, Kim SI, Kim YS. Use of the hilar plate looping technique for bile duct dissection in living donor liver transplantation significantly reduces recipient biliary complications. *Transplant Proc* 2010; 42: 4161-3.
16. Ju MK, Choi GH, **Joo DJ**, Hur KH, Choi J, Kim MS, Kim SI, Kim YS. Impact of graft type on remnant liver regeneration: right hepatectomy versus extended right hepatectomy. *Transplant Proc* 2010; 42: 4286-8.
17. Kim JY, Lee JI, Jeong JH, Park YJ, Kim SJ, Fang YH, Cho Y, Huh KH, **Joo DJ**, Kim MS, Kim YS. Functional evaluation of chondrocyte sheeting immunodelusive immunoisolated bioartificial pancreas. *Transplant Proc* 2010; 42: 903-6.
18. Lee JJ, Kim MS, Kim YS, **Joo DJ**, Ju MK, Kim HJ, Lee JE, Kim SI, Huh KH. The effect of later change or modulation of immunosuppression on long-term renal transplant results. *Transplant Proc* 2010; 42: 4037-9.
19. Park YJ, Ahn HJ, Kim YS, Cho Y, **Joo DJ**, Ju MK. Illumina-microarray analysis of mycophenolic acid-induced cell death in an insulin-producing cell line and primary rat islet cells: new insights into apoptotic pathways involved. *Cell Signal* 2010; 22: 1773-82.
20. Choi KH, Yang SC, Lee SR, Jeon HG, Kim DS, **Joo DJ**, Kim MS, Kim YS, Kim SI, Han WK. Standardized video-assisted retroperitoneal minilaparotomy surgery for 615 living donor nephrectomies. *Transpl Int* 2011; 24: 973-83.
21. Fang YH, **Joo DJ (Co-first)**, Lim BJ, Huh KH, Kim MS, Suh H, Kim YS. The effects of AEB071 (sotrastaurin) with tacrolimus on rat heterotopic cardiac allograft rejection and survival. *J Surg Res* 2011; 171: e133-7.
22. Cho Y, Huh KH, Park YJ, Do JH, **Joo DJ**, Kim MS, Kim YS. Cellular function of RhoGDI-alpha mediates the cycling of Rac1 and the regulation of pancreatic beta cell death. *Transplant Proc* 2012; 44: 1083-5.
23. Choi KH, Yang SC, **Joo DJ**, Kim MS, Kim YS, Kim SI, Han WK. Clinical assessment of renal function

stabilization after living donor nephrectomy. *Transplant Proc* 2012; 44: 2906-9.

24. Huh KH, Kim MS, Kim HJ, **Joo DJ**, Kim BS, Ju MK, Kim SI, Kim YS. Renal transplantation in sensitized recipients with positive luminex and negative CDC (complement-dependent cytotoxicity) crossmatches. *Transpl Int* 2012; 25: 1131-7.
25. Hwang JH, Han SS, Huh W, Park SK, **Joo DJ**, Kim MS, Kim YS, Min SI, Ha J, Kim SJ, Kim S, Kim YS. Outcome of kidney allograft in patients with adulthood-onset focal segmental glomerulosclerosis: comparison with childhood-onset FSGS. *Nephrol Dial Transplant* 2012; 27: 2559-65.
26. **Joo DJ**, Ju MK, Huh KH, Kim MS, Choi GH, Choi JS, Jeon KO, Kim SI. Does lymphocyte cross-matching predict acute rejection and graft survival in liver transplantation? *Transplant Proc* 2012; 44: 418-20.
27. **Joo DJ**, Kim JY, Lee JI, Kim YS, Fang YH, Jeong JH, Kim MS, Huh KH. Impact of coculture with ischemic preconditioned hepatocellular carcinoma cell line (Hep-G2) cells on insulin secreting function of rat insulin-secreting cell line (RIN-5F) cells. *Transplant Proc* 2012; 44: 1099-103.
28. **Joo DJ**, Son S, Kim HJ, Lee JE, You JY, Lee SY, Kim MS, Kim SI, Kim YS. Renal replacement therapy: available information versus demands of patients. *Transplant Proc* 2012; 44: 91-3.
29. Jung JY, **Joo DJ (Co-first)**, Lee CH, Park MS, Kim YS, Kim MS, Kim SI, Kim YS, Kim SK, Chang J, Kang YA. Pre-transplant risk factors for tuberculosis after kidney transplant in an intermediate burden area. *Int J Tuberc Lung Dis* 2012; 16: 248-54.
30. Kim JY, Kim HW, Bae SJ, **Joo DJ**, Huh KH, Fang YH, Cho Y, Jeong JH, Kim YS, Lee JI. Hybrid cellular spheroids from hepatocellular carcinoma and insulin-secreting cell lines. *Transplant Proc* 2012; 44: 1095-8.
31. Lee HS, Huh KH, Kim YS, Kim MS, Kim HJ, Kim SI, **Joo DJ (Corresponding)**. Sirolimus-induced pneumonitis after renal transplantation: a single-center experience. *Transplant Proc* 2012; 44: 161-3.
32. Lee HS, Kim MS, Kim YS, **Joo DJ**, Ju MK, Kim SJ, Kim SI, Huh KH, Park K. Analysis of transplant outcomes after five or six human leukocyte antigen-mismatched living donor kidney transplantation. *Transplant Proc* 2012; 44: 273-5.
33. Lee JI, Kim HW, Kim JY, Bae SJ, **Joo DJ**, Huh KH, Fang YH, Jeong JH, Kim MS, Kim YS. Microencapsulation of pancreatic islets with canine ear cartilage for immunoisolation. *Transplant Proc* 2012; 44: 1091-4.
34. Lee JI, Kim JY, Kim HW, Bae SJ, **Joo DJ**, Huh KH, Fang YH, Jeong JH, Kim MS, Kim YS. Long-term viability of transplanted hybrid cellular spheroids within chondrocyte sheets. *Transplant Proc* 2012; 44: 1162-5.
35. Lim BJ, **Joo DJ**, Kim YS, Jeong HJ. Accompanying renal injuries did not impact graft survival in patients with transplant glomerulopathy. *Transplant Proc* 2012; 44: 616-8.
36. Park JH, Lee JH, **Joo DJ**, Song KJ, Kim YS, Koo BN. Effect of sevoflurane on grafted kidney function in renal transplantation. *Korean J Anesthesiol* 2012; 62: 529-35.
37. Song YH, Huh KH, Kim YS, Lee HS, Kim MS, Kim SJ, Kim HJ, Kim SI, **Joo DJ (Corresponding)**. Impact of pretransplant rituximab induction on highly sensitized kidney recipients: comparison with non-rituximab group. *J Korean Surg Soc* 2012; 82: 335-9.
38. Choi SH, Choi GH, Kim SU, Park JY, **Joo DJ**, Ju MK, Kim MS, Choi JS, Han KH, Kim SI. Role of surgical resection for multiple hepatocellular carcinomas. *World J Gastroenterol* 2013; 19: 366-74.
39. Huh KH, Cho Y, Kim BS, Do JH, Park YJ, **Joo DJ**, Kim MS, Kim YS. The role of thioredoxin 1 in the mycophenolic acid-induced apoptosis of insulin-producing cells. *Cell Death Dis* 2013; 4: e721.
40. **Joo DJ**, Kim BS, Kim SJ, Huh KH, Kim MS, Ju MK, Kim SI, Kim YS. Risk factors and characteristics of post-transplant tuberculosis in an endemic area. *Ann Transplant* 2013; 18: 163-73.

41. Ju MK, Huh KH, Park KT, Kim SJ, Cho BH, Kim CD, So BJ, Kang CM, Lee S, **Joo DJ**, Kim YS. Mizoribine versus mycophenolate mofetil in combination therapy with tacrolimus for de novo kidney transplantation: evaluation of efficacy and safety. *Transplant Proc* 2013; 45: 1481-6.
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43. Lee AL, Kim YS, Lim BJ, Jeong HJ, **Joo DJ**, Kim MS, Huh KH. The impact of time-zero biopsy on early graft outcomes after living donor kidney transplantation. *Transplant Proc* 2013; 45: 2937-40.
44. Lee CK, Yoon YE, Choi KH, Yang SC, Lee JS, **Joo DJ**, Huh KH, Kim YS, Han WK. Clinical implications for graft function of a new equation model for the ratio of living donor kidney volume to recipient body surface area. *Korean J Urol* 2013; 54: 870-5.
45. Lee HS, Choi GH, **Joo DJ**, Kim MS, Kim SI, Han KH, Ahn SH, Kim DY, Park JY, Choi JS. Prognostic value of model for end-stage liver disease scores in patients with fulminant hepatic failure. *Transplant Proc* 2013; 45: 2992-4.
46. Lee HS, **Joo DJ**, Huh KH, Kim MS, Kim SI, Kim YS, Lee WJ. Laparoscopic fenestration versus percutaneous catheter drainage for lymphocele treatment after kidney transplantation. *Transplant Proc* 2013; 45: 1667-70.
47. Lee JH, **Joo DJ**, Kim JM, Park JH, Kim YS, Koo BN. Preconditioning effects of the anesthetic administered to the donor on grafted kidney function in living donor kidney transplantation recipients. *Minerva Anestesiol* 2013; 79: 504-14.
48. Lee SH, **Joo DJ (Corresponding)**, Kim SU, Kim MS, Lee AL, Choi GH, Choi JS, Han KH, Kim SI. Graft function measured by transient elastography in living donor liver transplantation: preliminary. *Transplant Proc* 2013; 45: 3028-31.
49. Lim BJ, **Joo DJ (Co-first)**, Kim MS, Kim YS, Kim SI, Kim Y, Huh KH, Koh MJ, Jeong HJ. Usefulness of Oxford classification in assessing immunoglobulin A nephropathy after transplantation. *Transplantation* 2013; 95: 1491-7.
50. Yoo EJ, Shin HS, Kim SU, **Joo DJ**, Park JY, Choi GH, Kim do Y, Ahn SH, Seong J, Koh MJ, Han KH, Chon CY. Orthotopic liver transplantation after the combined use of locoregional therapy and sorafenib for advanced hepatocellular carcinoma. *Onco Targets Ther* 2013; 6: 755-9.
51. Cho Y, Lee MJ, Choe EY, Jung CH, **Joo DJ**, Kim MS, Cha BS, Park JY, Kang ES. Statin therapy is associated with the development of new-onset diabetes after transplantation in liver recipients with high fasting plasma glucose levels. *Liver Transpl* 2014; 20: 557-63.
52. Choi KH, Yang SC, **Joo DJ**, Yoon YE, Kim KH, Lee K, Kim MS, Kim YS, Kim SI, Han WK. Do the abnormal results of an implantation renal biopsy affect the donor renal function? *Transplant Proc* 2014; 46: 359-62.
53. Huh KH, Cho Y, Kim BS, **Joo DJ**, Kim MS, Kim YS. PRMT3: new binding molecule to RhoGDI-alpha during mycophenolic acid-induced beta-cell death. *Transplant Proc* 2014; 46: 1229-32.
54. Jo YY, Choi YS, **Joo DJ**, Yoo YC, Nam SG, Koh SO. Pretransplant mortality predictors in living and deceased donor liver transplantation. *J Chin Med Assoc* 2014; 77: 16-20.
55. **Joo DJ**, Yang CW, Jeong HJ, Lim BJ, Huh KH, Chung BH, Choi YJ, Kang SW, Kim YS. Sirolimus conversion efficacy for graft function improvement and histopathology in renal recipients with mild to moderate renal insufficiency. *J Korean Med Sci* 2014; 29: 1069-76.
56. Lee HS, Choi GH, **Joo DJ**, Kim MS, Choi JS, Kim SI. The clinical behavior of transplantable recurrent hepatocellular carcinoma after curative resection: implications for salvage liver transplantation. *Ann Surg Oncol* 2014; 21: 2717-24.
57. Yoon YE, Han WK, Choi KH, Yang SC, Kim YS, Kang DR, Huh KH, Kim MS, Kim SI, **Joo DJ**

- (Corresponding).** Graft survival after video-assisted minilaparotomy living-donor nephrectomy or conventional open nephrectomy: do left and right allografts differ? *Urology* 2014; 84: 832-7.
58. Chon YE, Jung KS, Kim KJ, **Joo DJ**, Kim BK, Park JY, Kim do Y, Ahn SH, Han KH, Kim SU. Normal controlled attenuation parameter values: a prospective study of healthy subjects undergoing health checkups and liver donors in Korea. *Dig Dis Sci* 2015; 60: 234-42.
 59. Lee J, Lee JG, Lee JJ, Kim MS, Ju MK, Choi GH, Choi JS, Kim SI, **Joo DJ (Corresponding)**. Results of ABO-incompatible liver transplantation using a simplified protocol at a single institution. *Transplant Proc* 2015; 47: 723-6.
 60. Lee J, Oh YT, **Joo DJ**, Ma BG, Lee AL, Lee JG, Song SH, Kim SU, Jung DC, Chung YE, Kim YS. Acoustic Radiation Force Impulse Measurement in Renal Transplantation: A Prospective, Longitudinal Study With Protocol Biopsies. *Medicine (Baltimore)* 2015; 94: e1590.
 61. Lee JG, Lee J, Lee JJ, Song SH, Ju MK, Choi GH, Kim MS, Choi JS, Kim SI, **Joo DJ (Corresponding)**. Adefovir- or Lamivudine-Induced Renal Tubular Dysfunction after Liver Transplantation. *Medicine (Baltimore)* 2015; 94: e1569.
 62. Song SH, Kim MS, Lee JJ, Ju MK, Lee JG, Lee J, Choi JS, Choi GH, Kim SI, **Joo DJ (Corresponding)**. Effect of donor-specific antibodies and panel reactive antibodies in living donor liver transplant recipients. *Ann Surg Treat Res* 2015; 88: 100-5.
 63. Choi HY, **Joo DJ**, Song MK, Kim MS, Park HC, Kim YS, Kim BS. The Power of Renal Function Estimation Equations for Predicting Long-Term Kidney Graft Survival: A Retrospective Comparison of the Chronic Kidney Disease Epidemiology Collaboration and the Modification of Diet in Renal Disease Study Equations. *Medicine (Baltimore)* 2016; 95: e2682.
 64. Kim J, Hwang IS, Kim HS, **Joo DJ**, Hong KR, Choi JR. Bone marrow chimerism detection using next generation sequencing based on single nucleotide polymorphisms following liver transplantation: comparison with short tandem repeat-PCR. *Ann Lab Med* 2016; 36: 82-4.
 65. Kim BS, Cho Y, Lee H, **Joo DJ**, Huh KH, Kim MS, Kim YS. Comparative Proteomic Analysis of Rapamycin Versus Cyclosporine Combination Treatment in Mouse Podocytes. *Transplant Proc* 2016; 48: 1297-301.
 66. Kim BS, Kim JY, Kim EJ, Lee JG, **Joo DJ**, Huh KH, Kim MS, Kim YS. Role of Thalidomide on the Expression of OX40, 4-1BB, and GITR in T Cell Subsets. *Transplant Proc* 2016; 48: 1270-4.
 67. Lee JG, Lee J, Lee JJ, Song SH, Ju MK, Choi GH, Kim MS, Choi JS, Kim SI, **Joo DJ (Corresponding)**. Efficacy of rabbit anti-thymocyte globulin for steroid-resistant acute rejection after liver transplantation. *Medicine (Baltimore)* 2016; 95: e3711.
 68. Yang K, Lee TB, Choi BH, Park YM, Ryu JH, **Joo DJ**, Chu CW. Development and Applicability of the A-P 200 Criteria for Liver Transplantation for Hepatocellular Carcinoma. *Transplant Proc* 2016; 48: 3317-22.
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 71. Lee SH, Huh KH, **Joo DJ**, Kim MS, Kim SI, Lee J, Park MS, Kim YS, Kim SK, Chang J, Kim YS, Kim SY. Risk factors for *Pneumocystis jirovecii* pneumonia (PJP) in kidney transplantation recipients. *Sci Rep* 2017; 7: 1571.
 72. Jeng LB, Lee SG, Soin AS, Lee WC, Suh KS, **Joo DJ**, Uemoto S, Joh J, Yoshizumi T, Yang HR, Song GW, Lopez P, Kochuparampil J, Sips C, Kaneko S, Levy G. Efficacy and safety of everolimus with reduced tacrolimus in living-donor liver transplant recipients: 12-month results of a randomized multicenter study. *Am J Transplant* 2018; 18: 1435-46.

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74. Lee JG, Lee JI, Kim JY, Cho Y, Huh KH, Kim BS, Kim MS, Kim YS, **Joo DJ (Corresponding)**. Coculture With Ischemia/Reperfusion-Preconditioned Hepatocytes Improves Islet Function and Survival. *Transplant Proc* 2018; 50: 3887-94.
75. Lee KH, Han SH, Yong D, Paik HC, Lee JG, Kim MS, **Joo DJ**, Choi JS, Kim SI, Kim YS, Park MS, Kim SY, Yoon YN, Kang S, Jeong SJ, Choi JY, Song YG, Kim JM. Acquisition of Carbapenemase-Producing Enterobacteriaceae in Solid Organ Transplantation Recipients. *Transplant Proc* 2018; 50: 3748-55.
76. VanLith C, Guthman R, Nicolas CT, Allen K, Du Z, **Joo DJ**, Nyberg SL, Lillegard JB, Hickey RD. Curative Ex Vivo Hepatocyte-Directed Gene Editing in a Mouse Model of Hereditary Tyrosinemia Type 1. *Hum Gene Ther* 2018; 29: 1315-26.
77. Chen HS, **Joo DJ**, Shaheen M, Li Y, Wang Y, Yang J, Nicolas CT, Predmore K, Amiot B, Michalak G, Mounajjed T, Fidler J, Kremers WK, Nyberg SL. Randomized Trial of Spheroid Reservoir Bioartificial Liver in Porcine Model of Posthepatectomy Liver Failure. *Hepatology* 2019; 69: 329-42.
78. Kim DG, Lee JG, **Joo DJ**, Kim SI, Kim MS. Favourable outcome of pathologic downstaging by locoregional treatment for hepatocellular carcinoma in liver transplantation. *Sci Rep* 2019; 9: 10386.
79. Kim YJ, Kim SI, Choi JY, Yoon SK, Na GH, You YK, Kim DG, Kim MS, Lee JG, **Joo DJ**, Kim SI, Kim YS, Lee SO, Hwang S, Sim E. Invasive fungal infection in liver transplant recipients in a prophylactic era: A multicenter retrospective cohort study in Korea. *Medicine (Baltimore)* 2019; 98: e16179.
80. Lee J, Kim DG, Lee JY, Lee JG, **Joo DJ**, Kim SI, Kim MS. Impact of Model for End-Stage Liver Disease Score Based Allocation System in Korea: A nation-wide study. *Transplantation* 2019.
81. Lee J, Lee JG, Jung I, **Joo DJ**, Kim SI, Kim MS, Advisory Committee on Improving Liver A. Development of a Korean Liver Allocation System using Model for End Stage Liver Disease Scores: A Nationwide, Multicenter study. *Sci Rep* 2019; 9: 7495.
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83. Seo N, Kim MS, Park MS, Choi JY, An C, Han K, Kim SU, **Joo DJ**, Kim MJ. Optimal criteria for hepatocellular carcinoma diagnosis using CT in patients undergoing liver transplantation. *Eur Radiol* 2019; 29: 1022-31.
84. Shin S, **Joo DJ**, Kim MS, Bae MI, Heo E, Lee JS, Kim DW, Yoo YC. Propofol intravenous anaesthesia with desflurane compared with desflurane alone on postoperative liver function after living-donor liver transplantation: A randomised controlled trial. *Eur J Anaesthesiol* 2019; 36: 656-66.
85. Yun BH, **Joo DJ**, Seo SK, Cho SH, Choi YS, Lee BS. Effect of deflazacort on pregnancy outcome in kidney transplant patients: should we change the immunosuppressant before conception? *BMC Nephrol* 2019; 20: 161.
86. Zhang Y, Sharma A, **Joo DJ**, Nelson E, AbuRmilah A, Amiot BP, Boyer CJ, Alexander JS, Jalan-Sakrikar N, Martin J, Moreira R, Chowdhury SA, Smart M, Dietz AB, Nyberg SL, Heimbach JK, Huebert RC. Autologous Adipose Tissue-Derived Mesenchymal Stem Cells Introduced by Biliary Stents or Local Immersion in Porcine Bile Duct Anastomoses. *Liver Transpl* 2020; 26: 100-12.
87. Shaheen MF, **Joo DJ (Co-first)**, Ross JJ, Anderson BD, Chen HS, Huebert RC, Li Y, Amiot B, Young A, Zlochiver V, Nelson E, Mounajjed T, Dietz AB, Michalak G, Steiner BG, Davidow DS, Paradise CR, van Wijnen AJ, Shah VH, Liu M, Nyberg SL. Sustained perfusion of revascularized bioengineered livers heterotopically transplanted into immunosuppressed pigs. *Nat Biomed Eng* 2020; 4(4): 437-445
88. Han JW, **Joo DJ (Co-first)**, Kim JH, Rha MS, Koh JY, Park HJ, Lee JG, Kim MS, Kim SI, Shin EC, Park JY, Park SH. Early reduction of regulatory T cells is associated with acute rejection in liver transplantation under tacrolimus-based immunosuppression with basiliximab induction. *Am J Transplant* 2020; 20: 2058-

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