

*Curriculum Vitae*  
Michael Lucas Volk, M.D., M.Sc.  
Division of Gastroenterology and Hepatology  
University of Michigan  
3912 Taubman Center, 1500 E Medical Ctr Dr  
Ann Arbor, MI 48109-5362  
(734) 232-6338  
mvolk@med.umich.edu

## **Education and Training**

08/1993-05/1997	Bachelor of Arts, Evolutionary Biology. Kalamazoo College, Kalamazoo MI
08/1997-05/2001	Doctor of Medicine. University of Rochester School of Medicine and Dentistry, Rochester NY
06/2001-06/2004	Internal Medicine Residency, University of Virginia Hospital, Charlottesville VA
07/2004-06/2007	Gastroenterology and Hepatology Fellowship, University of Michigan Hospital, Ann Arbor MI
07/2006-06/2007	Master of Science, Health and Healthcare Research. University of Michigan, Ann Arbor MI
07/2006-06/2008	Robert Wood Johnson Clinical Scholar, University of Michigan, Ann Arbor MI

## **Certification and Licensure**

### Board Certification

2004	American Board of Internal Medicine (exp 2014)
2007	American Board of Internal Medicine, Gastroenterology (exp 2017)
2010	American Board of Internal Medicine, Transplant Hepatology (exp 2020)

### Licensure

2006	Licensed Physician, State of Michigan
------	---------------------------------------

## **Academic, Administrative, and Clinical Appointments**

### Academic Appointments

07/2007-05/2010	Lecturer, Division of Gastroenterology and Hepatology, University of Michigan, Ann Arbor MI
07/2008-present	Investigator, Center for Bioethics and Social Sciences in Medicine, University of Michigan, Ann Arbor MI
06/2010-present	Assistant Professor, Division of Gastroenterology and Hepatology, University of Michigan, Ann Arbor MI
07/2010-present	Core faculty, Robert Wood Johnson Clinical Scholars Program, University of Michigan, Ann Arbor MI

## Clinical Appointments

07/2007 – 06/2009 Staff Physician, Ann Arbor VA Medical Center, Ann Arbor, MI  
07/2008 – 05/2010 Lecturer, Division Of Gastroenterology and Hepatology, University of Michigan, Ann Arbor MI  
06/2010-present Assistant Professor, Division of Gastroenterology and Hepatology, University of Michigan, Ann Arbor MI

## Administrative Appointments

2010-present Director, Cirrhosis Program  
[www.med.umich.edu/hepatology/clinics/cirrhosis](http://www.med.umich.edu/hepatology/clinics/cirrhosis)  
2012-present Director, Liver Tumor Program  
[http://www.cancer.med.umich.edu/cancertreat/liver/the\\_clinic](http://www.cancer.med.umich.edu/cancertreat/liver/the_clinic)

## **Research Interests**

Improving healthcare delivery in hepatology and liver transplantation

- Organ donation and allocation
- Organ quality
- Chronic disease management of patients with cirrhosis

## **Clinical Interests**

General hepatology  
Hepatocellular carcinoma  
Liver transplantation

## **Grants**

### Current

Source: NIDDK  
Grant: K23DK085204  
Title: “Decision Making about Organ Quality in Liver Transplantation”  
Role: PI  
Effort: 75% (01/2010 - 12/2014)

Source: Robert Wood Johnson Foundation  
Grant: 67816  
Grant: Clinical Scholars Program  
Role: Core Faculty  
Effort: 5% (7/2010 – 6/2012)

### Past

Source: The Robert Wood Johnson Foundation/ Veterans Health Administration  
Title: Robert Wood Johnson Clinical Scholar Program  
Role: Clinical Scholar  
Effort: 100% (7/2006-6/2008)

Source: American Gastroenterological Association  
Grant: Research Scholar Award  
Title: "Patient and Physician Decision Making about Organ Quality in Liver Transplantation"  
Role: Research Scholar  
Effort: 60% (7/2008 - 12/2009)  
5% (1/2010 - 6/2010)  
Concurrent with K23DK085204 (7/2010 - 6/2011)

Source: Greenwall Foundation  
Grant: Bioethics Project Grant  
Title: "Group Culture and Decision Making in Liver Transplant Selection Committees"  
Role: Principal Investigator  
Effort: 10% (7/2008 - 6/2009)

Source: NIDDK  
Grant: RC1-DK087014  
Title: "Emergent Organ Donation following Unexpected Cardiac Death"  
Role: Co-I  
Effort: 10% (9/2009 - 12/2009)

Source: HRSA  
Grant: R38OT15492-01-00  
Title: "Evaluation and Expansion of the use of Extracorporeal Life Support for Controlled Organ Donation following Cardiac Death"  
Role: Co-I  
Effort: 2.5% (9/2009 - 12/2009)

## **Honors and Awards**

1997 Phi Beta Kappa  
1998 Walle JH Nauta Award  
2000 Alpha Omega Alpha  
2002 Intern Teaching Award, University of Virginia  
2006 Robert Wood Johnson Clinical Scholar  
2007 Hepatology Young Investigators Award  
2008 American Gastroenterological Association Research Scholar Award  
2010 Rising Star, American Gastroenterological Association

## **Memberships in Professional Societies**

2004-present	American Gastroenterological Association
2004-present	American Association for the Study of Liver Disease
2004-present	American College of Gastroenterology
2007-present	International Liver Cancer Association
2007-present	American Society of Transplantation
2007-2010	Society for Medical Decision Making

## **Editorial Positions, Boards, and Peer-Review Service**

### Editorial Board Member

2011-present	Liver Transplantation
--------------	-----------------------

### Ad Hoc Reviewer

2007-present	JAMA
2007-present	Journal of Clinical Gastroenterology
2007-present	Value in Health
2007-present	Viral Hepatitis
2008-present	Liver International
2009-present	Liver Transplantation
2009-present	Annals of Internal Medicine
2009-present	Hepatology
2009-present	Gastroenterology
2009-present	American Journal of Gastroenterology
2010-present	American Journal of Transplantation

### Meeting abstract reviewer

2009	American Transplant Congress
2010	Society for Medical Decision Making
2010	American Transplant Congress
2010	International Liver Transplant Society
2011	American Transplant Congress
2012	American Transplant Congress

### Meeting session moderator

2011	American Transplant Congress, Liver Allocation and Donor Issues
2012	American Transplant Congress, Liver Allocation and Donor Issues
2012	Liver Meeting, Access and Utilization
2012	Liver Meeting, Clinical Epidemiology Workshop

### Invited editorials and reviews

2010	American Journal of Transplantation
2012	Gastroenterology
2012	Clinical Gastroenterology and Hepatology

## **Teaching**

### University of Michigan

#### Formal Course Instruction

2010-present	Co-instructor, RWJ Masters Program: Leadership course
--------------	---

#### Internal Lectures

October 7, 2008	GI Grand Rounds
September 22, 2009	GI Grand Rounds
July 2010	Internal Medicine Grand Rounds
September 2011	GI Grand Rounds

Daily teaching sessions with residents during inpatient service

#### Research Mentorship

2007-2010	Amit Singal, GI fellow and now junior faculty at UTSW
2009-present	Mina Rakoski, GI fellow and now junior faculty at UM
2009 (summer)	Kevin Duan, Student Biomedical Research Program
2010 (summer)	Sarah Lieber, Student Biomedical Research Program
2010-2011	John Bassett, Transplant Hepatology Fellow
2011-2012	Steven Scaglione, Transplant Hepatology Fellow
2011-present	Jessica Mellinger, GI fellow
2011-present	Elliott Lee, Operations Engineering PhD candidate

## **Committee, Organizational, and Volunteer Service**

### *Institutional*

2007-2010	Member, Ethics Committee, University of Michigan Hospital
2011-present	Research Physician Champion, MICHart

### *National*

2006-2007	Member; Training, Workforce, and Public Policy Committee, American Association for the Study of Liver Disease (AASLD)
2012-present	Advisor, AGA/AASLD Cirrhosis Quality Measures

*Volunteer Service (Community and Humanitarian)*

2004-present Physician Volunteer; Hope Free Clinic, Ypsilanti, MI

**Visiting Professorships, Invited Presentations, and Media Interviews**

*Visiting Professorships*

April 21, 2011 Visiting Professor, University of Utah  
January 20, 2012 Visiting Professor, University of Chicago

*Invited Presentations*

May 20, 2008 Meet-the-Professor, Digestive Disease Week, San Diego, CA  
November 2, 2008 Plenary Presentation, Liver Meeting, San Francisco, CA  
December 6, 2008 Liver Wrap-Up, Northville, MI  
May 14, 2010 Advanced Liver Disease and Transplantation, Northville, MI  
July 2, 2010 Internal Medicine Grand Rounds, University of Michigan  
October 9, 2010 Michigan State Medical Society Ethics Lecture, Traverse City MI  
October 24, 2010 Rising Star Lecture, UEGW, Barcelona, Spain  
December 4, 2010 Liver Wrap-Up, Northville, MI  
November 5, 2011 “Informed Consent for Riskier Organs” – AASLD Transplant Workshop,  
San Francisco, CA  
October 23, 2012 Best of DDW at UEGW, Amsterdam

*Media Interviews*

August 2008 Michigan Public Radio: *MELD and use of high risk organs*  
June 16, 2010 ABC News: *Informing patients about organ quality*  
December 3, 2011 Michigan Public Radio: *Patient preferences about organ quality*  
January 11, 2012 Detroit Free Press: *Patient preferences about organ quality*

**Bibliography**

Peer-reviewed publications

**(50 total)**

*Original research*

1. Burchett SA, Volk ML, Bannon MJ and Granneman JG. Regulators of G-protein signaling: rapid changes in mRNA abundance in response to amphetamines. *J. of Neurochem.* 1998; 70:2216-9.
2. Volk ML, Hernandez JC, Su G, Lok AS, Marrero JA. Risk factors for hepatocellular carcinoma may impair the performance of biomarkers: a comparison of AFP, AFP-L3, and DCP. *Cancer Biomarkers* 2007; 3(2):79-87.
3. Volk ML, Hernandez JC, Lok AS, Marrero JA. Modified Charlson Comorbidity Index for predicting survival after liver transplantation. *Liver Transplantation* 2007; 13:1515-1520.  
*(with editorial)*

4. **Volk ML**, Vijan S, Marrero JA. A novel model to measure the harm of transplanting hepatocellular carcinoma exceeding Milan criteria. *American Journal of Transplantation* 2008; 8:839-846.
5. **Volk ML**, Lok AS, Ubel PA, Vijan S. Beyond utilitarianism: a method for examining competing ethical principles in a decision analysis of liver transplantation. *Medical Decision Making* 2008;28:763-772.
6. **Volk ML**, Lok AS, Pelletier SJ, Ubel PA, Hayward RA. Impact of the Model for End-stage Liver Disease allocation policy on the use of high-risk organs for liver transplantation. *Gastroenterology* 2008;135:1568-1574.  
*(with editorial)*
7. Singal A, **Volk ML**, Rogers M, Marrero JA. Ultrasound surveillance for early detection of hepatocellular carcinoma: a meta-analysis. *Alimentary Pharmacology and Therapeutics* 2009;30:37-47.
8. **Volk ML**, Warren G, Choi HJ, Sonnenday CJ, Marrero JA, Heisler MA. Geographic variation in organ availability is responsible for disparities in liver transplantation between Hispanics and Caucasians. *American Journal of Transplantation* 2009;9:2113-2118.
9. **Volk ML**, Tocco R, Saini S, Lok AS. The public health impact of antiviral therapy for hepatitis C in the United States. *Hepatology* 2009;50(6):1750-1755.
10. Duan K, Englesbe M, **Volk ML**. Centers for Disease Control high risk donors and kidney utilization. *American Journal of Transplantation* 2009;9:1-5.
11. Vitale A, **Volk ML**, Pastorelli D, Lonardi S, Farinati F, Cillo U. Use of Sorafenib in HCC patients before liver transplantation: a cost-benefit analysis while awaiting data on Sorafenib safety. *Hepatology* 2010;51(1):165-173.
12. **Volk ML**, Warren GW, Anspach R, Couper M, Merion R, Ubel PA. Attitudes of the American public towards organ donation after uncontrolled (sudden) cardiac death. *American Journal of Transplantation* 2010;10:675-680.
13. Singal AG, **Volk ML**, Jensen D, DiBisceglie A, Schoenfeld PS. A sustained viral response is associated with reduced liver-related morbidity and mortality in patients with hepatitis C virus. *Clinical Gastroenterology and Hepatology* 2010;8(3):280-288.
14. **Volk ML**, Warren GW, Anspach R, Couper M, Merion R, Ubel PA. Foreigners traveling to the U.S. for transplantation may adversely affect organ donation: a national survey. *American Journal of Transplantation* 2010;10:1468-1472.
15. Cillo U, Vitale A, **Volk ML**, Frigo AC, Grigoletto F, Brolese A, Zanusi G, D'Amico F, Farinati F, Burra P, Angeli P, D'Amico DF. The survival benefit of liver transplantation in hepatocellular carcinoma patients. *Digestive and Liver Disease* 2010;42:642.  
*(with editorial)*
16. Rzouq FS, **Volk ML**, Hatoum HH, Talluri SK, Mummadi RR, Sood GK. Hepatotoxicity fears contribute to under-utilization of statin medications by primary care physicians. *American Journal of the Medical Sciences* 2010;340(2):89.
17. Vitale A, **Volk ML**, Gamato M, Zanusi G, D'Amico, FD, Carraro A, Pauletto A, Bonsignore P, Scopelliti M, Pollaco M, Russo F, Sensolo M, Burra P, Romano A, Angeli P, Cillo U. Estimation of the Harm to the Waiting List as a Crucial Factor in the Selection of Patients With Hepatocellular Carcinoma for Liver Transplantation. *Transplantation Proceedings* 2010;42(4):1194-1196.
18. **Volk ML**, Reichert H, Lok AS, Hayward RH. Variation in organ quality between liver transplant centers. *American Journal of Transplantation* 2011;11:958-964.

*(with editorial)*

19. Singal AS, Volk ML, Rakoski MO, Fu S, Su GL, McCurdy H, Marrero JA. Patient involvement in healthcare is associated with higher rates of surveillance for hepatocellular carcinoma. *Journal of Clinical Gastroenterology* 2011;45(8):727.
20. Jorgensen J, Waljee AK, Volk ML, Al-Hawary M, Sonnenday CJ, Elmunzer BJ. Is MRCP equivalent to ERCP for diagnosing biliary obstruction in orthotopic liver transplant recipients? A meta-analysis. *Gastrointestinal Endoscopy* 2011;73(5):955-962.
21. Bassett JT, Volk ML. Can quality of care for patients with cirrhosis be measured? *Digestive Diseases and Sciences* 2011;56(12):3488-91.
22. Rakoski MO, McCammon RJ, Piette JD, Iwashyna TJ, Marrero JA, Lok AS, Langa KM, Volk ML. Burden of cirrhosis on older Americans and their families: analysis of the Health and Retirement Study. *Hepatology* 2012;55(1):184-91.
23. Volk ML, Hagan M. Organ quality and quality of life after liver transplantation. *Liver Transplantation* 2011;17:1443.
24. Volk ML, Tocco RS, Bazick J, Rakoski MO, Lok AS. Hospital re-admissions among patients with decompensated cirrhosis. *American Journal of Gastroenterology* 2012;107:247.
25. Volk ML, Biggins SW, Huang MA, Argo CK, Fontana RJ, Anspach RR. Decision making in liver transplant selection committees: a multi-center study. *Annals of Internal Medicine* 2011;155(8):503.
26. Volk ML, Tocco RS, Pelletier SJ, Zikmund-Fisher B, Lok AS. Patient decision making about organ quality. *Liver Transplantation* 2011;17:1387.
27. Elmunzer BJ, O'Connell MT, Prendes S, Saini SD, Sussman DA, Volk ML, Deshpande A. Improving access to colorectal cancer screening through medical philanthropy: feasibility of a flexible sigmoidoscopy health fair for uninsured patients. *American Journal of Gastroenterology* 2011;106(10):1741.
28. Singal AG, Conjeevaram HS, Volk ML, Fu S, Fontana RJ, Askari F, Su GL, Lok AS, Marrero JA. Effectiveness of hepatocellular carcinoma surveillance in patients with cirrhosis. *Cancer Epidemiology, Biomarkers and Prevention* 2012;21(5):793.
29. Volk ML, Fisher N, Fontana RJ. Patient Knowledge about Disease Self-Management in Cirrhosis. Accepted to *American Journal of Gastroenterology*.
30. Elmunzer BJ, Debenedet A, Waljee A, Oza A, Sonnenday C, Fontana R, Singal A, Englesbe M, Volk ML, Scheiman J. Clinical yield of diagnostic ERCP in orthotopic liver transplant recipients with suspected biliary complications. Accepted to *Liver Transplantation*.
31. Lieber S, Volk ML. Non-adherence and graft failure in adult liver transplant recipients. Accepted to *Digestive Diseases and Science*.
32. Aberra F, Essenmacher MJ, Volk ML. Quality Improvement Measures Lead to Higher Surveillance Rates for Hepatocellular Carcinoma in Patients with Cirrhosis. Accepted to *Digestive Diseases and Sciences*.
33. Lee E, Lavieri M, Volk ML. Improving Screening for Hepatocellular Carcinoma by Incorporating the Pattern of Alpha-fetoprotein over Time. Accepted to *Clinical Gastroenterology and Hepatology*.

*Commentaries and theoretical treatises*



1. **Volk ML**, Lok AS, Marrero JA, Ubel PA. Who decides: living donor liver transplantation for advanced hepatocellular carcinoma. *Transplantation* 2006; 82(9):1136-39.
2. **Volk ML**, Ubel PA. The practical and ethical implications of directed and conditional organ donation. *Transplantation* 2008;85:1542-1544.
3. **Volk ML**, Piette JD, Singal AS, Lok AS. Chronic disease management for patients with cirrhosis. *Gastroenterology* 2010;139:14.
4. **Volk ML**, Ubel PA. Better off not knowing: improving clinical care by decreasing physician access to unsolicited diagnostic information. *Archives of Internal Medicine* 2011;171(6):487.
5. **Volk ML**, Lieber SR, Kim SY, Ubel PA, Schneider CE. Contracts with patients in clinical practice. *The Lancet* 2012;379(9810):7-9.
6. Lieber S, Kim S, **Volk ML**. Power and control: contracts and the patient-physician relationship. *International Journal of Clinical Practice* 2011;65:1214.

*Invited reviews, editorials, letters to the editor, and selected summaries*

1. **Volk ML**, Marrero JA. Advances in critical care hepatology. *Minerva Anestesiologica* 2006; 72(5):269-81.
2. **Volk ML** and Marrero JA. Liver transplantation for hepatocellular carcinoma: who benefits, and who is harmed? *Gastroenterology* 2008;134:1612-1614.
3. **Volk ML**, Marrero JA. Early detection of liver cancer: diagnosis and management. *Current Gastroenterology Reports* 2008;10(1):60-66.
4. **Volk ML**, Ubel PA. Response: The impracticality of overriding family rejection of donation. *Transplantation* 2008;86(11):1631-1632.
5. **Volk ML**, Lok AS. Is family history of liver cancer a risk factor for hepatocellular carcinoma? *Journal of Hepatology* 2009;50:247-248.
6. **Volk ML**. Antiviral therapy for hepatitis C: Why are so few patients being treated? *Journal of Antimicrobial Chemotherapy* 2010;65:1327-1329.
7. **Volk ML**. Unfair priority for HCC: a problem whose ideal solution remains unsolved. *American Journal of Transplantation* 2010;10:1507-1508.
8. **Volk ML**, Ubel PA. Response: Knowledge is Bliss? *Archives of Internal Medicine* 2011;171(17):1600-01.
9. **Volk ML**, Vitale A. The use of donor liver grafts for patients with hepatocellular cancer. *International Liver Transplant Society ([www.ILTS.org](http://www.ILTS.org))*, 2011.
10. **Volk ML**. Selected summary: Risks of using ursodeoxycholic acid to treat primary sclerosing cholangitis. *Gastroenterology* 2011;141:2267.
11. **Volk ML**. Selected summary: Liver transplantation for alcoholic hepatitis. *Gastroenterology* 2012;142(4):1037.
12. **Volk ML**. Can quality of care for cirrhosis be improved? *Gastroenterology* 2012;143(1):17.
13. **Volk ML**, Berg CL. Declined organ offers in liver transplantation – careful timing or missed opportunity? *Gastroenterology*, in press.