

CURRICULUM VITAE

Veronica Loy DO

**Associate Professor
Department of Medicine
Division of Gastroenterology**

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EDUCATION:

09/1996 - 05/2000 B.S., University of Michigan, Ann Arbor, MI
09/2001 - 06/2005 D.O., Midwestern University, Downers Grove, IL

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2005 - 06/2008 Resident, Internal Medicine, University of Illinois at Chicago, Chicago, IL
07/2008 - 06/2011 Fellowship, Gastroenterology & Hepatology, University of Illinois at Chicago, Chicago, IL
07/2011 - 07/2012 Postdoctoral Fellow, Transplant Hepatology, University of Illinois at Chicago, Chicago, IL

FACULTY APPOINTMENTS:

09/2012 - 08/2014 Assistant Professor of Medicine, Department of Medicine, Gastroenterology and Hepatology, The Medical College of Wisconsin, WI
08/2014 - 07/2019 Assistant Professor, Department of Medicine, Division of Hepatology, Loyola University Medical Center, IL
08/2019 - Present Associate Professor of Medicine, Department of Medicine, Gastroenterology and Hepatology, The Medical College of Wisconsin, WI
10/2023 - Present Guest Faculty, University of Rwanda, Kigali, Rwanda

HOSPITAL STAFF PRIVILEGES:

09/2012 - 08/2014 Froedtert Hospital, Milwaukee, WI
08/2014 - 07/2019 Loyola University Medicine Center, Maywood, IL
01/2015 - 07/2019 Alexian Brothers Medical Center, Elk Grove Village, IL
01/2015 - 07/2019 Hines VA Medical Center, Hines, IL
08/2019 - Present Froedtert Hospital, Milwaukee, WI
08/2020 - Present Watertown Memorial Hospital, Watertown, WI
10/2023 - Present Ministry of Health, Rwanda

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Internal Medicine	08/2008	12/2020
Gastroenterology & Hepatology	10/2012	12/2027
Transplant Hepatology	02/2014	12/2024

AWARDS AND HONORS:

09/1998 - 06/2000 Water Polo Team Captain, University of Michigan
09/2001 - 06/2005 Sigma Sigma Phi Honors Fraternity
2011 American Liver Foundation Great Lakes Division Research Competition Winner
2012 Mentor of the Year Award- UIC COM
2013 USA Triathlon 3rd Place Finisher Athena National Championship - Olympic Distance
Two Time Ironman Wisconsin Finisher, 6 Time Half Ironman Finisher

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2010 - Present American Academy of Liver Disease
2011 - 2013 American Gastroenterology Association
10/01/2012 - Present American Association for Study of Liver Disease (Member)
2013 - Present AGA Academy of Educators
2021 - Present American Transplant Society-Liver and Intestine Committee

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
09/15/2019 - Present Clinical Liver Disease

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

05/2013 - 08/2014 Medical Director of Medical Advisory Committee, American Liver Foundation of Wisconsin
09/2014 - 08/2019 Member of Medical Advisory Committee, American Liver Foundation Great Lakes Division
05/01/2021 - Present Member, Drexel ASC Medical Advisory Committee, Froedtert Surgical Center
08/2021 - Present Member Advisory Board, Wisconsin Alcohol Policy Project
01/2024 - Present Healthcare Philanthropy Clinical Champion

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

08/01/2019 - Present Primary or Alternate, National Review Board- HCC, United Network for Organ Sharing
08/01/2019 - Present Primary or Alternate, National Review Board Non-HCC, United Network for Organ Sharing
04/2020 - 01/01/2022 Data Safety Monitoring Board, Transmedics
06/2021 - Present UNOS National Review Board-Non HCC Subgroup

INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

04/10/2023 - Present Member, Gastroenterology Fellowship Curriculum, University of Rwanda

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**Pending****Non-Peer Review**

Title: A Phase 2a, open-label, randomized, controlled, multi-center, proof of concept study, to assess the efficacy, safety and tolerability of VS-01 on top of standard of care, compared to standard of care alone, in adult patients with acute-on-chronic liver failure (ACLF) grades 1 and 2 and ascites Protocol Number: VS01-IIa-01
Source: Versantis AG
Dates: 04/26/2024 - Present

Title: Phase 3 Fazirsiran Study in Alpha-1-Antitrypsin Deficiency Liver Disease TAK-999-3001

Source: Takeda
Role: PI
PI: Loy
Dates: 06/15/2024 - Present

Prior

Non-Peer Review

Title: ALPHAPUMP System in the Treatment of Refractory or Recurrent Ascites: A MultiCenter Single Arm within Subject Crossover Pivotal Study (The Poseidon Study)

Source: Sequana Medical NV
Role: Sub-Investigator
PI: Ghufran
Dates: 07/29/2020 - 12/14/2022

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Transplant, Annual AASLD Meeting, Milwaukee, WI, 01/26/2013
Clinical Challenges in Diagnosing Portal Hypertension and Portal Venous Thrombosis, Annual Liver Disease Update, Milwaukee, WI, 03/19/2013
Extrahepatic Complication of Cirrhosis, Annual Liver Disease Update, Milwaukee, WI, 03/19/2013
Liver transplant update, Annual "State of the Gut" An Update on Gastrointestinal Disorders, Milwaukee, WI, 09/27/2013
Transplant and Metabolic Liver Disease, Annual AASLD Meeting Review, Milwaukee, WI, 01/25/2014
Non-Alcoholic Fatty Liver Disease, Annual Liver Disease Update, Milwaukee, WI, 04/11/2014
Evaluation for Liver Transplant, Annual Liver Disease Update, Milwaukee, WI, 04/12/2019
Transplant, Annual AASLD Meeting Review, Milwaukee, WI, 02/08/2020
Woman and Alcohol-A Grown Transplant Disparity, Presentation for Froedtert South GI Group, Medical College of Wisconsin, Milwaukee, WI, 10/22/2020
Updates in Hepatology for the Primary Care Provider, Presentation for Watertown PCP's, Medical College of Wisconsin, Milwaukee, WI, 12/03/2020
Woman and Alcohol Related Liver Disease-A Growing Disparity, Milwaukee WI, 12/11/2020
Pregnancy Associated Liver Conditions, Gastroenterology Fellowship Board Review, Medical College of Wisconsin, Milwaukee, WI, 01/20/2021
Transplant Days "Updates on Liver Transplantation", Milwaukee, WI, 04/2021
Women and Alcohol Related Liver Disease: A Growing Disparity in Liver Transplantation, DOM Gastroenterology Grand Rounds, Milwaukee, WI, 09/17/2021
Update on Transplantation, Annual AASLD Meeting Review, Milwaukee, WI, 02/10/2024

Regional

Loyola University Liver Update, Loyola University, 10/2014
Abdominal Pain, Midwestern University Medical School, 05/2015
An Update on Hepatitis C, Gottlieb Hospital Grand Rounds, 06/2015
An Update on Hepatitis C, St James Olympia Fields Grand Rounds, 02/2016
Hepatology for The Primary Provider, Watertown Regional Medical Center, 12/03/2020
How Low Can You Go- Updates on PBC Milwaukee, Wisconsin, 08/18/2022
How Low Can You Go- Updates on PBC Northern Illinois, Illinois, 08/23/2022
UIC Internal Medicine Grand Rounds, 12/2022
Loyola Internal Medicine Grand Rounds, 02/2023
Portal 360 Symposium, Illinois, 10/20/2023
Jessie Brown Grand Rounds, Jessie Brown Veteran's Affairs Medical, 10/2023
Is Liver Transplantation an Option for HCC with Vascular Invasion?, Transplant Joint Symposium: Access and Innovation in Kidney & Pancreas Transplantation & Debates and Dilemmas in Liver Disease

Practice, Milwaukee, WI, 04/13/2024

National

American Gastroenterology Association APP Meeting, 2019
Society of Interventional Oncology: Advances in CCA, 10/2021
Y-90 For CCA: A Hepatologist Perspective, Society of Interventional Oncology Meeting, 2021
How Low Can You Go-Updates on PBC, Michigan, 2021
University of Cincinnati- Transplant Grand Rounds, 01/31/2023
Jesse Brown VA Internal Medicine Grand Rounds, 06/2023
“Discussion Donation” Maddog Strong Foundation You Tube Channel
“The Latest Word On Medicine” iHeart Radio for Donate Life Month

International

Liver Transplant Evaluation and Outcomes, University of Rwanda, 06/2023
Alcohol Related Liver Disease, University of Rwanda, 06/2023
Benign Liver Lesions, University of Rwanda, 06/2023
Acute Liver Failure, University of Rwanda, 11/2023
Primary Liver Malignancy, University of Rwanda, 11/2023
Management of End Age Stage Liver Disease, University of Rwanda, 11/2023
Updates on Hepatitis C, University of Rwanda, 11/2023
Updates on Hepatitis B, University of Rwanda, 11/2023
Seminar on Immunosuppression in Liver Transplant, University of Rwanda, 12/2023
Seminar on Metabolic Liver Disease, University of Rwanda, 01/2024

COMMITTEE SERVICE:

Hospital

08/2012 - 08/2014 Discovery Curriculum Faculty Development, Medical College of Wisconsin
08/2014 - 07/2019 Liver Transplant Director of Quality Improvement, Loyola Medical Center
07/2015 - 07/2019 Clinical Documentation Committee, Loyola Medical Center
07/2015 - 07/2019 Inpatient Hepatology Unit Director, Loyola Medical Center
08/01/2019 - Present Chair, Process and Policy Liver Transplant
08/01/2019 - Present Chair, Liver Transplant Multidisciplinary Committee, Transplant
08/2019 - Present Medical Director of Liver Transplantation, Froedtert Hospital
08/2021 - Present Medical Director Transplant Clinic, Froedtert Hospital
10/2021 - Present Program Director Liver Transplantation, Froedtert Hospital
10/2021 - Present Faculty Development Committee, Froedtert Hospital
03/01/2022 - Present Member, COVID Huddle, Transplant, Froedtert
01/01/2024 - Present Member, Lab Stewardship Committee, Transplant, Froedtert

MEDICAL COLLEGE TEACHING ACTIVITIES:

Community/Lay Public

01/2013 Revamped and rewrote MCW website for Liver Disease

Medical Student Education

01/2013 - 08/2014 M1 Clinical Student
2019 - 2021 Mentorship of M1 and premed students

Resident and Fellow Education

01/14/2021 Liver Disease and Renal Transplantation: Transplant Nephrology Fellowship
01/20/2021 Gastroenterology Fellowship Board Review: Pregnancy Associated Liver Conditions
01/20/2021 Pregnancy Associated Liver Conditions, Gastroenterology Fellowship Board Review
11/17/2021 Academic Half Day Lecture, Residents: Liver Lesions
12/15/2021 Gastroenterology Fellowship Board Review: Hepatitis A, C and E
11/15/2023 Academic Half Day Lecture-Interns: Fulminant Liver Failure and Liver Transplantation
Benign Liver Lesions, Internal Medicine

Medicine Grand Rounds
Coagulopathy in Liver Disease for Interventional Radiology Annual Lecture
Update in Hepatology for Transplant Nephrology Fellowship Annual Lecture
Pregnancy Associated Liver Conditions; MFM Fellowship Annual Lecture
MCW Internal Medicine CPC

EXTRAMURAL TEACHING:

Medical Student Education

06/2015 - Present Loyola Medical School, M3 Hepatology Lecture series
06/2015 - Present Chicago College of Osteopathic, Medicine M3 Lecture series

Resident and Fellow Education

Loyola University, Loyola GI fellowship: Benign Liver Lesions
Loyola University, Loyola GI fellowship: Drug Induced Liver Disease
Loyola University, Loyola Transplant Lecture Series: Long Term Complications of Transplant
Loyola University, Loyola MICU resident lecture series: Approach to Cirrhotic in ICU
Loyola University, Loyola Surgical Oncology Tumor Board: Transplantation for HCC
Loyola University, Loyola Transplant Lecture Series: Acute and Chronic Rejection
Loyola University, Loyola GI fellowship: Autoimmune Liver Disease

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Faculty

10/15/2023 - Present MCW Joint Solid Organ Transplant Symposium CME

COMMUNITY SERVICE ACTIVITIES:

01/01/2023 - Present Wisconsin Alcohol Policy Project Medical Advisory Board: Advocating for Policy Change in Wisconsin and general public awareness

GLOBAL HEALTH ACTIVITIES:

04/2023 - Present University of Rwanda Gastroenterology Fellowship Program- Hepatology Curriculum Lead and Lecturer

QUALITY IMPROVEMENT/CLINICAL PATHWAYS/POLICIES/PROCEDURES::

Transplant Discharge patient education handbook
COVID positive SOT policy
Acute Cellular Rejection Protocol
CMV clinical pathway
Primary hepatic tumor clinical pathway
HCC working group
Immunosuppression pathway
Transplant vaccination mandate and letter
Revamp all inpatient nursing education onboarding for transplant RN
Development of 1-3 year comprehensive liver clinic
Cardiac Risk Stratification for LT pathway
HRS clinical pathway
Transplant nursing protocols: Diarrhea, constipation, HCC, health maintenance, PETH, UTI, vitamin D,
Transplant immunosuppression
Move 300+ patients to hepatology space

Development of HCV viremic donor for SOT: thus far 7 heart transplant recipients.
Development of HBV clinical pathway for non-liver SOT donor and recipients

SOCIAL MEDIA:

05/20/2019 - Present Developed @ladylivertransplantdoc Instagram Profile to educate general public on liver transplant, liver related issues. Use platform to inspire young women and mentor their future goals in gastroenterology and motherhood. Currently >1680 followers with a global reach extending to Europe, India and beyond

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Hulin MS, Wakefield TW, Andrews PC, Wroblewski SK, Stoneham MD, Doyle AR, Zelenock GB, Jacobs LA, Shanley CJ, TenCate VT, Stanley JC. A Novel Protamine Variant Reversal of Heparin Anticoagulation in Human Blood In Vitro. *J Vasc Surg* 1997 Dec;26(6): 1043-8. PMID: 9423721
2. Cotler SJ, Kallwitz E, TenCate V, Bhushan A, Berkes J, Benedetti E, Layden-Almer J, Layden TJ, Valyi-Nagy T, Guzman G. Diabetes and hepatic oxidative damage are associated with hepatitis C progression after liver transplantation. *Transplantation* 2007 Sep 15;84(5):587-91. PMID: 17876270
3. Kallwitz ER, Guzman G, TenCate V, Vitello J, Layden-Almer J, Berkes J, Patel R, Layden TJ, Cotler SJ. The histologic spectrum of liver disease in African-American, non-Hispanic white, and Hispanic obesity surgery patients." *Am J Gastroenterol.* 2009 Jan;104(1):64-9. PMID: 19098851
4. TenCate V, Sainz BJ, Uprichard S. Three dimensional Huh7 cell culture system for the study of Hepatitis C Virus. *Virology Journal.* 15 Jul 2009; 6:1 (103). PMID: 19604376
5. TenCate VM, Cotler S. Antiviral therapy as an adjunct to passive-active immunotherapy or perinatal transmission of HBV. *Current Hepatitis Reports.* Vol 8 Num3 August 2009.
6. TenCate V, Sainz B, Cotler S, Uprichard S. Potential treatment option and future research to increase hepatitis C virus treatment response rate. *Hepatology Med.* 2010 Oct;2010(2):125-145. PMID: 21331152
7. Kallwitz E, Loy V, Mettu P, Berkes J, Cotler S. Physical Activity and Metabolic Syndrome in Liver Transplant Recipients. *Liver Transpl* 2013 Jul 25. PMID 23894084
8. TenCate V, Komorowski R, Cronin D, Hong J, Gawrieh S. A case study: Refractory Recurrent autoimmune hepatitis following liver transplantation in two male patients. *Transplant Proceedings.* 2014 Jan-Feb;46(1):298-300 PMID: 24507072
9. Loy V, Benyashvili T, Adams W, Pavkov D, O'Mahoney M, Cotler SJ. The time and cost investment required to obtain and initiate direct-acting antiviral therapy. *Antivir Ther.* 2016;21(8):731-733. PMID: 27414001
10. Lammert C, Loy VM, Oshima K, Gawrieh S. Management of Difficult Cases of Autoimmune Hepatitis. *Curr Gastroenterol Rep.* 2016 Feb;18(2):9. PMID: 26780632
11. Loy V, Kwiatt J, Dodda A, Martin E, Dua A, Saeian K. Performance Feedback Improves Compliance With Quality Measures. *Am J Med Qual.* 2016;31(2):118-24. PMID: 25348546
12. Kothari AN, Loy VM, Brownlee SA, Ezure Y, Schaidle-Blackburn C, Cotler SJ, di Sabato D, Kuo PC, Lu AD. Adverse Effect of Post-Discharge Care Fragmentation on Outcomes after Readmissions after Liver Transplantation. *J Am Coll Surg.* 2017 Jul;225(1):62-67. PMID: 28400298
13. Loy VM, Joyce C, Bello S, VonRoenn N, Cotler SJ. Gender disparities in liver transplant candidates with nonalcoholic steatohepatitis. *Clin Transplant.* 2018 Aug;32(8):e13297. PMID: 29804305
14. VanHuis A, Loy V. Myth: Liver Transplant Provides a Cure for Liver Disease. *Clin Liver Dis (Hoboken).* 2019 Jun;13(6):154-157. PMID: 31316761
15. Loy VM Lu A "Disparities in Referral for Liver Transplantation based on Physician Dependent Variables." *Transplant Proceedings.* Accepted. PMID: 32151390
16. Boschuetz N, Cheng S, Mei L, Loy VM. Changes in Alcohol Use Patterns in the United States During COVID-19 Pandemic. *WMJ.* 2020 Sep;1(3):171-176. PMID: 33091284
17. Loy VM. Spotlight on Impactful Research: Low-dose Valganciclovir for Cytomegalovirus Prophylaxis in Intermediate-risk Liver Transplantation Recipients. *Clin Liver Dis (Hoboken).* 2021 Feb 28;17(2):53-56. PMID: 33680435
18. Durazo FA, Nicholas AA, Mahaffey JJ, Sova S, Evans JJ, Trivella JP, Loy V, Kim J, Zimmerman MA, Hong JC. Post-Covid-19 Cholangiopathy-A New Indication for Liver Transplantation: A Case Report. *Transplant Proc.* 2021 May;53(4):1132-1137. doi: 10.1016/j.transproceed.2021.03.007. Epub 2021 Mar 12. PMID: 33846012

Books, Chapters, and Reviews

1. Liver Disorders: A Point of Care Clinical Guide. "Health Maintenance in Liver Disease and Cirrhosis" Springer 2017.
2. Loy VM. "Alcohol and Liver Disease in women". Managing Complex Cases in Gastroenterology: A Curbside Guide edited by Sobin, Saeian and Sobin, Springer International Publishing, Feb 29, 2024, p 319-321.
3. Loy VM. "Frustrations with Waiting for Transplantation". Managing Complex Cases in Gastroenterology: A Curbside Guide edited by Sobin, Saeian and Sobin, Springer International Publishing, Feb 29, 2024, p 411-413.
4. Loy VM. "Complications After Liver Transplant". Managing Complex Cases in Gastroenterology: A Curbside Guide edited by Sobin, Saeian and Sobin, Springer International Publishing, Feb 29, 2024, p 415-418.

Abstracts

1. TenCate VT, Jacobs CJ, Kniga S, Akroush A. DNA Sequencing Helps Identify Novel Targets for the Design of Therapeutics to Alleviated Pain. Pfizer Global Research and Development. Dec 2000.
2. TenCate V, Berkes J MD, Davis M, NP. Late Presentation of Liver Abscess caused by Entameoba Histolytica. ACP Annual Meeting 10/06.
3. Kallwitz E, TenCate V, Guzman G, Vitello J, Berkes J, Layden T, Cotler S. The performance of clinical models to predict NASH and advanced fibrosis in obesity surgery patients. AASLD 2009, abstract 1047.
4. TenCate V, Layden J, Johnson K, Wolfert M, Cotler S. and Layden T. Paired Biopsies Show Racial Differences in Fibrosis Progression in Patients with Hepatitis C. Boston AASLD 2009, abstract 1629 and UIC Research Symposium.
5. TenCate V, Sainz Jr B, Uprichard S. Development of a Novel Three-Dimensional Differentiated Huh7 Cell Culture System for the Study of HCV Infection and Pathogenesis. HCV International Meeting, Digestive Disease Week 2009 and UIC Research Symposium.
6. TenCate V, Mettu P, Ovrachim K, Yue H, Kallwitz E and Colter C. Correlates of the Timing of Weight Gain, Obesity, and the Metabolic Syndrome After Liver Transplant. Planned for AASLD 2011 and Advocate Liver Abstract Competition 2011.
7. Loy VM, Lu AD "Physician Dependent Variables which Influence Transplant Referral" ATC 2016.
8. Loy VM, Cotler SJ "Predictors of 30 day Readmission after Liver Transplantation" AASLD 2018
9. Scaglione SJ, Loy VM, Cotler SJ "SIPAT is associated with alcohol recidivism in patients with alcoholic liver disease undergoing evaluation for liver transplantation." AASLD 2019
10. New Directions in Spontaneous Bacterial Peritonitis (SBP): Changes in the microbiology of SBP and Its Effects on Outcomes
11. Equivalent Post-Liver Transplantation Relapse Risk Among Patients with Acute on Chronic Liver Failure from Known Alcohol Related Liver Disease and Patients with Severe Alcohol Related Hepatitis