

Current Status of the Liver Transplant Program

Marco A. Olivera MD, FACP, FAASLD

Michael F. Sorrell Distinguished Chair in Internal Medicine

Associate Program Director

Transplant Hepatology Fellowship



**University of Nebraska
Medical Center™**

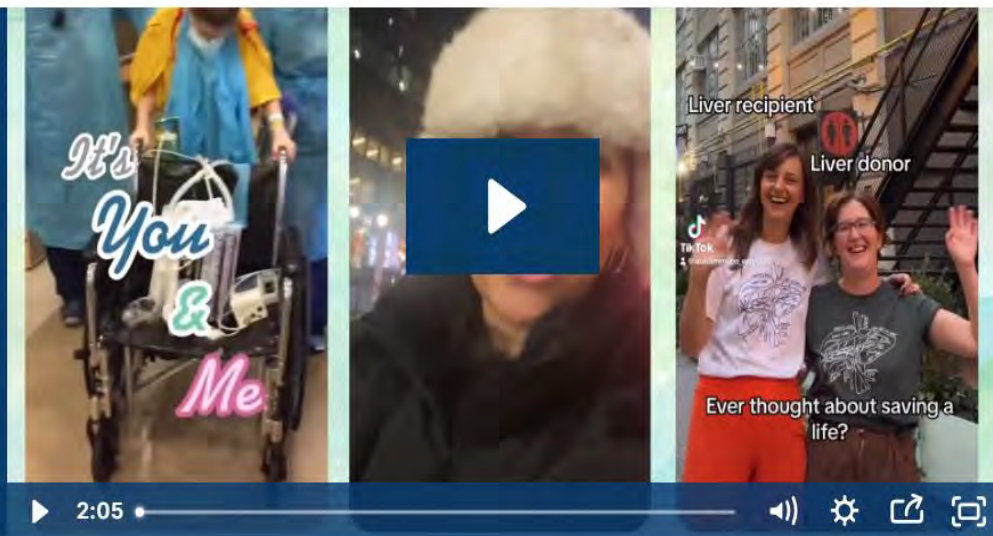
Disclosures

I have no financial disclosures or conflict of interests to declare.

My presentation will NOT include any FDA non-approved medications

My presentation will include data that has not been published yet



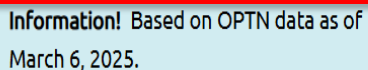


2024 in brief:

- More than 48,000 organ transplants
- More than 7,000 living donors
- Nearly 17,000 deceased organ donors
- More than 55 percent increase in organ transplants since 2015
- More than 10% increase in lung transplants over 2023
- More than 7% increase in liver transplants over 2023
- Nearly 8,200 donors age 50+

Read the [press release](#) ›





Create a New Report

Region

Region 8 ▾

Go

Add Field to Report :

▼

Go

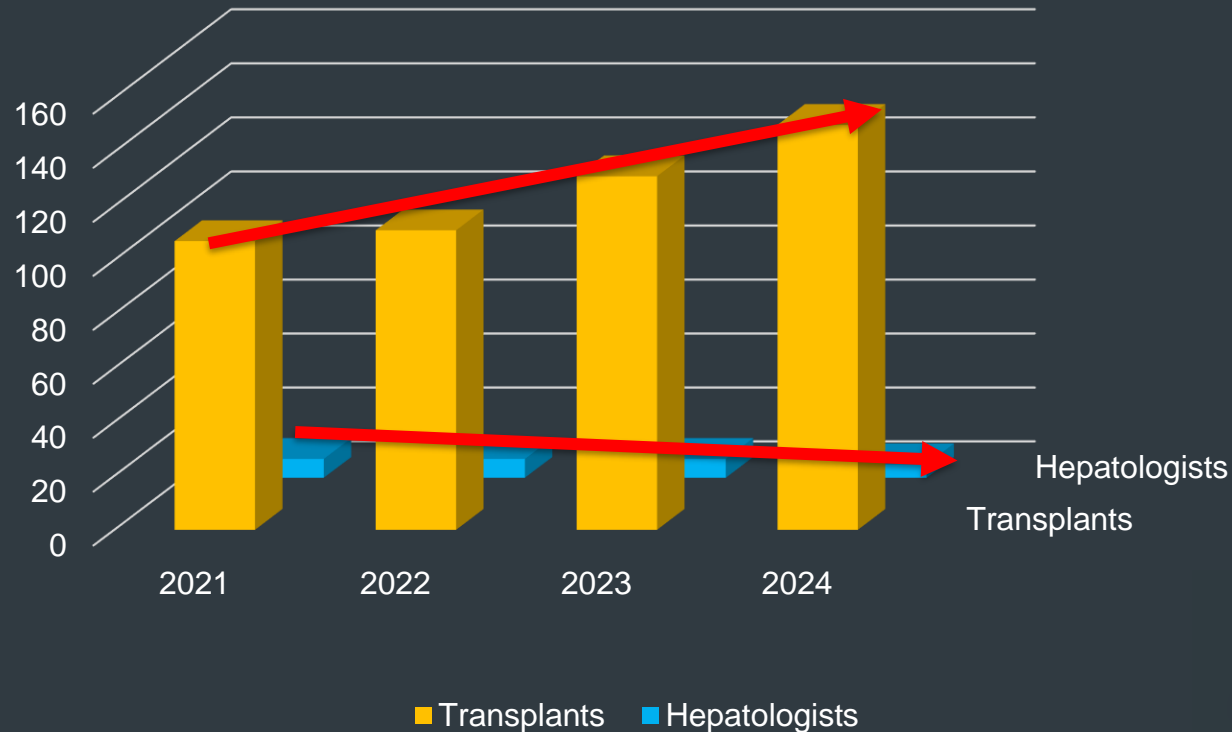
count flip cols rows both export print

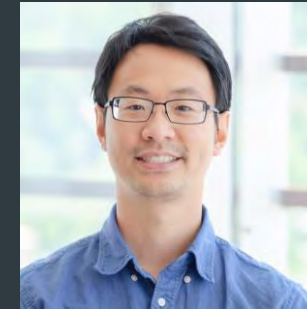
	To Date	2025	2026	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996
All Center States	15,590	53		596	601	562	525	571	514	535	473	473	473	519	445	463	455	480	450	455	469	429	383	339	343	369	406	367	367	334	320
Colorado	3,636	15		183	176	164	131	163	135	141	113	117	104	116	101	111	87	105	94	101	97	98	95	83	82	97	86	82	78	69	71
Iowa	1,018	0		16	22	19	32	32	29	22	23	23	30	26	32	31	44	34	27	23	22	28	17	37	40	37	49	44	42	40	39
Kansas	1,921	4		51	54	50	45	80	79	90	97	87	106	114	77	91	81	85	74	64	58	48	31	25	30	36	42	39	38	28	33
Missouri	4,954	21		213	239	222	198	196	188	188	151	150	139	152	139	140	143	149	149	153	161	147	120	108	90	94	106	109	105	96	97
Nebraska	4,061	13	150	133	110	107	119	100	83	94	89	96	94	111	96	90	100	107	106	114	131	108	120	86	101	105	123	93	104	101	80

Data subject to change based on future data submission or correction. This report shows OPTN data for Transplants in the U.S. by State through March 6, 2025. OPTN Data is updated on a monthly basis.

Need more detailed data? [Build an Advanced Report](#)

Status of the Liver Transplant Program 2021-2025.





Outreach NE-IA



Outreach NE-SD



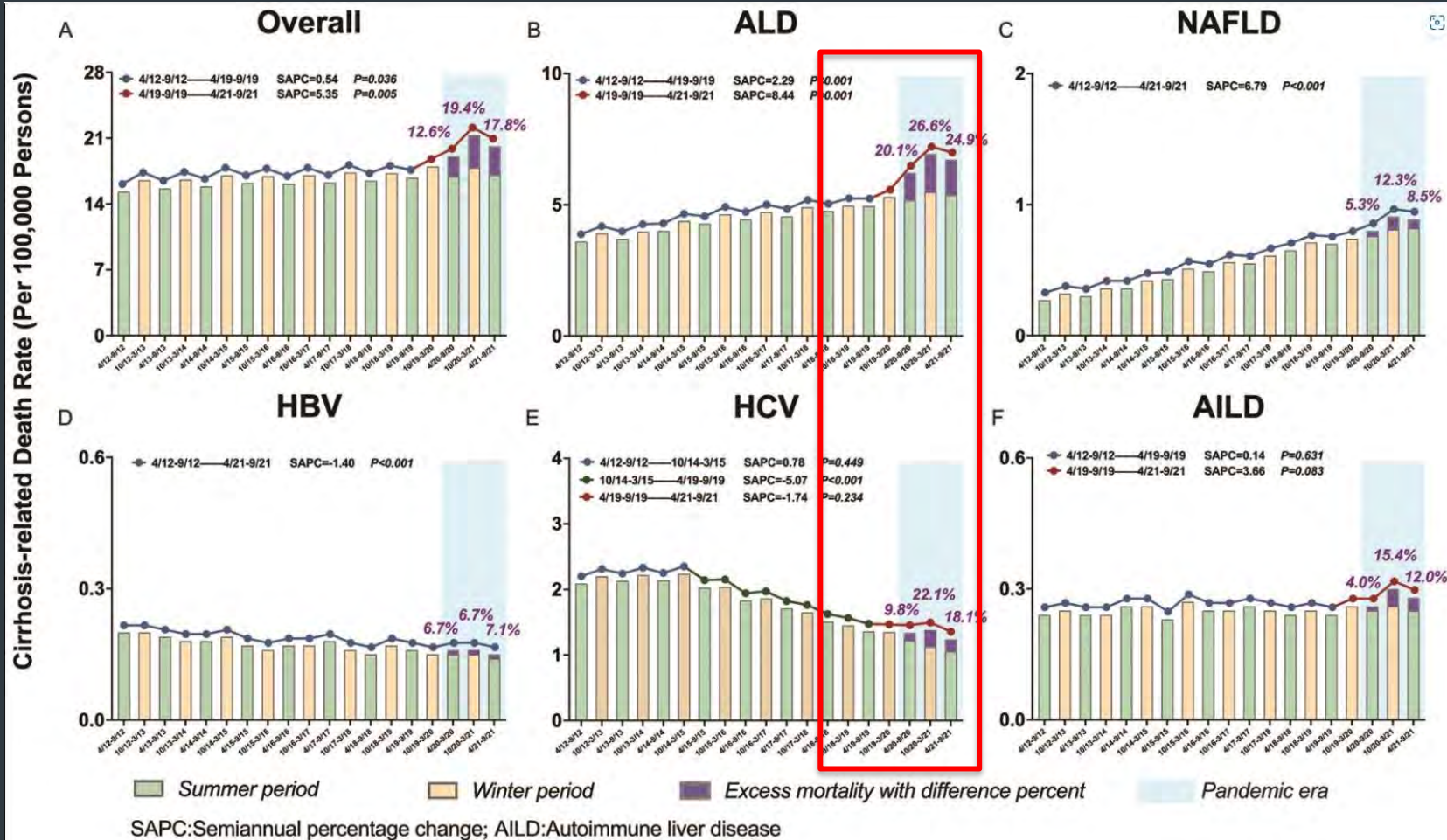
Academic/Research Achievements

- 3 Top Teacher awards (UNMC)
- 1 Most Valuable Program Director Award (UNMC)
- 1 UNMC E-learning Award for two of our Mentees
- 1 AASLD Liver Scholar (one of our Mentees)
- 1 ACG Outstanding Poster Presentation Award
- 2 Book Chapters
- 4 Published Manuscripts
- Multiple National and International Presentations
- 1 Patent filed



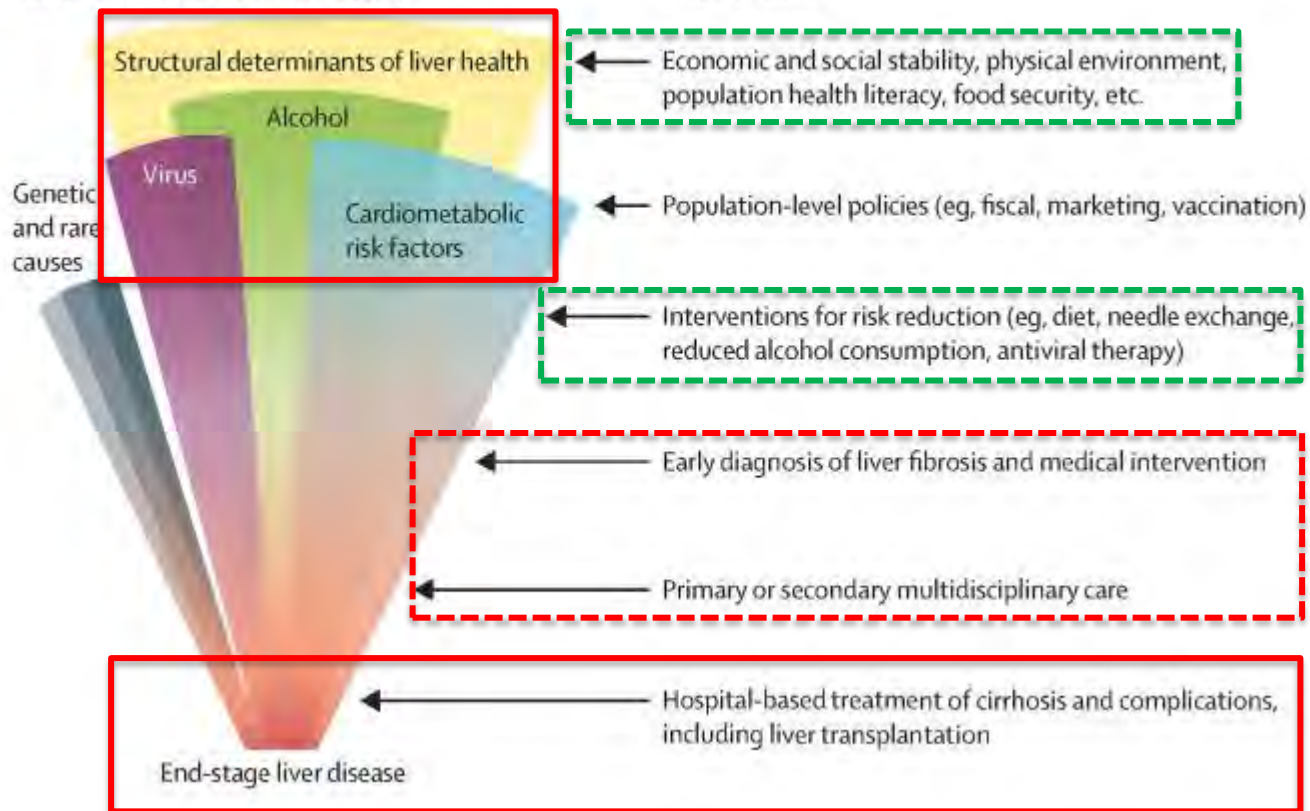
Actions





Relative importance of risk factors

Interventions



ALD Analysis 2021 UNMC

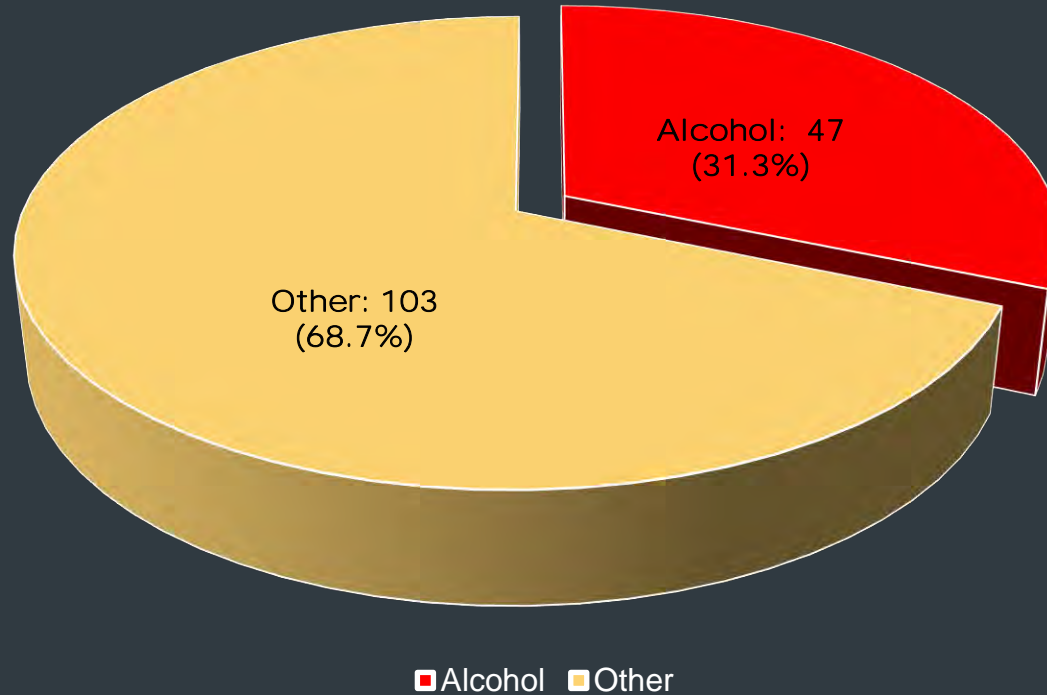
Characteristic		Mean +/- SD (or n,%)
Sobriety Prior to Listing		33.02 +/- 13.3 Median 13.3
Laboratory Tests		
	BAC	<10 (Negative) in 187/189 (98.9%) Missing n=2
	PETH	Negative in 15/189 (7.9%) Missing n=174



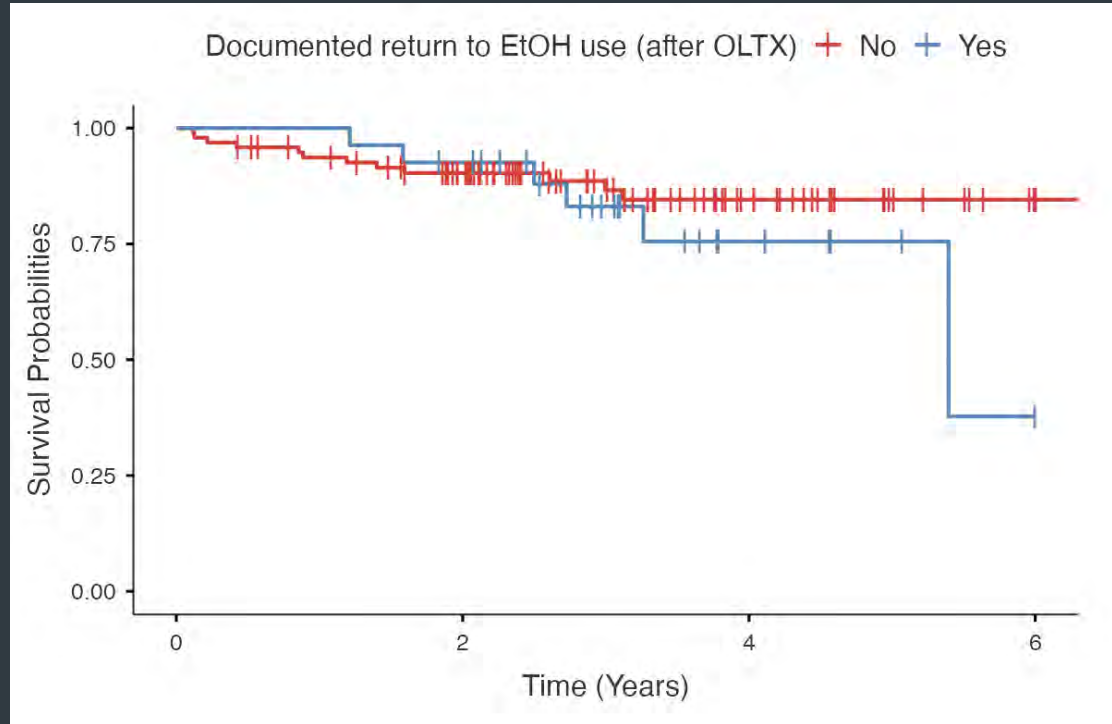
Neuro	SW Recommendations	Committee Recommendations					al
			Compliance	Compliance while listed	List	Total	
Comp	Compliance	Observed	49	8	5	62	15
		% within row	79.0%	12.9%	8.1%	100.0%	1%
Suita	Compliance while listed	Observed	0	4	0	4	70
		% within row	0.0%	100.0%	0.0%	100.0%	1%
NA	Suitable	Observed	3	12	106	121	3
		% within row	2.5%	9.9%	87.6%	100.0%	1%
Not S	NA	Observed	0	1	0	1	1
		% within row	0.0%	100.0%	0.0%	100.0%	1%
Total	Not Suitable	Observed	1	0	0	1	89
		% within row	100.0%	0.0%	0.0%	100.0%	1%
Total	Total	Observed	53	25	111	189	
		% within row	28.0%	13.2%	58.7%	100.0%	



Etiology of liver diseases requiring OLT



Impact of AUD in post OLT survival



Challenges

- **QIP 2021: 14.3% returned to ANY alcohol use post OLT.**
- **QIP 2021: 7.9% had SUSTAINED alcohol use post OLT.**
- **11.5% AAH returned to any drinking (Mathurin et al)⁽¹⁾**
- **10% AAH returned to drinking 1 year post OLT (Lee)⁽²⁾**
- **17% AAH returned to drinking 3 years post OLT (Lee)⁽²⁾**
- **Non-published data suggest 30-80% recurrence of AUD post OLT for AAH**
- **QIP 2024-2025: ? will tell you next year**

(1) Mathurin et al. N Eng J Med 2011; 365:1790-800

(2) Lee et al Gastroenterology 2018; 155:422-30



Moving Forward

- QIP Moliya P, Ginnaram S, Olivera M, Khoury N, Pradhan F
- Analyze ALL patients transplanted for AUD/ALD 2022-2024 including those with AAH
- Innovations in management (Addiction Psychiatry management; Terlipressin?)
- Graft and Patient survival, sobriety, recurrence of AUD
- Compare results with QIP 2021
- Need to redefine “Success” in AUD/ALD?



Thank You.



UNIVERSITY OF
Nebraska
Medical Center

