Cleveland Clinic Provider Perceptions of Code Status for Patients with End-Stage Liver Disease Katie Shen, MD¹, Adam Tabbaa, MD², Mahwish Ahmad, MD³, Maureen Whitsett, MD², Christina C. Lindenmeyer, MD²

Introduction

- Liver transplantation (LT) is the only curative option for patients with end-stage liver disease (ESLD).
- Patients with ESLD have high rates of in-hospital mortality and low rates of survival to hospital discharge after in-hospital CPR compared to those with metastatic cancer (10.7% vs 15.5%, p < 0.01).^{1,2}
- As ESLD is one of the few diseases where patients are close to death but also to a total cure, some studies suggest that LT listing and hospice referral should not be mutually exclusive.
- While many centers require that a patient be "full code" for LT listing or evaluation, this is not a United Network for Organ Sharing (UNOS) mandate.³
- The belief that patients on the transplant list should be full code has also been suggested as a barrier to advance care planning (ACP) in patients with ESLD.⁴

Aim

To assess LT providers' awareness of \bullet organizational policies and their perspectives on code status requirement

Methods

- Healthcare providers involved in the LT \bullet evaluation process at a high-volume transplant center anonymously completed a 13-question survey.
- Answers were displayed using descriptive \bullet statistics.

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Role on LT Team	Number of Respondents
Gastroenterology/Hepatology Attending	6
Critical Care Attending	5
Transplant Surgeon	3
Palliative Medicine Attending	3
Gastroenterology Fellow	9
Internal Medicine Resident	32
Advanced Practice Provider	14
Transplant Coordinator	6
Transplant Selection Committee	1
Social Worker	1
Other	3
Total	83

Awareness of Institutional Protocol for Code



No, providers reported no awareness

Yes, code status has no bearing on eligibility

Yes, patients must be full code to undergo transplant eligibility evaluation Yes, patients must be full code to be listed as active on liver transplant list Awareness of UNOS Protocol for Code Status



No, providers reported no awareness

Yes, patients must be full code to undergo transplant eligibility evaluation



In your opinion, what do you think the policy should be for code status in patients undergoing LT workup?

Results

- 62% unaware of institutional protocol for full code, and 95% unaware that UNOS did not mandate a patient be full code
- 93% felt that patients undergoing LT evaluation should discuss code status

Conclusion

- There is a lack of knowledge among providers regarding policy on code status. Among the subset who was aware of a protocol, knowledge of the actual requirements varied.
- There is a diverse range of opinions on code status requirement throughout the LT evaluation and listing process shared by involved providers.
- Next steps:
 - Educational initiatives are needed to increase provider awareness of institutional and national policy regarding code status.
 - Opportunities to further the dialogue of code status and advanced care planning in a high mortality patient population.

References

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