

**NIDDK Liver Transplantation Database
MANUAL OF OPERATIONS (MOOP) DEFINITION**

FORM: PG (POST-TRANSPLANT - PATHOLOGY: FAILED ALLOGRAFTS AND AUTOPSIES)

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- Purpose: To document: 1) the gross specimen description of the liver from a failed allograft or autopsy; 2) the gross pathologic diagnosis(es) based on these findings; and 3) the clinicopathologic evaluation of graft failure.
- Person(s) Responsible: Pathologist responsible for examination of the liver specimen.
- Sources of Information: Pathology report, autopsy report of liver specimen.
- General Instructions: This form is designed to assist in the examination and sectioning of complete allograft specimens (failed grafts and autopsies) to determine causes of graft failure. This form should be completed by the pathologist in conjunction with the PP form for failed allograft or autopsy cases.

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I. GROSS SPECIMEN DESCRIPTION

1. Source of specimen - the source of the specimen should be obtained.
2. Gross examination - the weight of the excised liver should be obtained.
3. Anastomosis(es) of the portal vein, hepatic artery, biliary tract, superior or inferior vena cava should be described.
4. Allograft pathology - description of the hepatic parenchyma should be provided.
5. Information on the availability and form of storage of tissue should be provided. Bulk formalin fixed (I.4.3) was added to the form on February 21, 1991. Records prior to this date may have missing data for this question.

Completing Form:

1. Check whether the source of specimen was failed allograft or autopsy and record the weight (in grams) of the excised liver.
2. Check all applicable descriptions for anastomosis(es). If "Other" is checked, specify as indicated.
3. Check whether the hepatic parenchyma was "essentially normal". If "no", check the type(s) of defects that were evident, and code the location(s) as instructed. If the type is not on the list, check "Other" and specify in the space provided.
4. Check whether there was tissue available for further study. If "yes", check the form(s) of storage. If not listed, check "other" and specify in the space provided.

II. ADDITIONAL GROSS PATHOLOGIC DIAGNOSIS (ES)

This is the diagnosis of the liver based on failed allograft or autopsy. More than one diagnosis may be applicable, in which case the diagnoses should be ranked in order of importance.

Completing Form: Check the appropriate category(ies), and rank as "1", "2", etc. in order of perceived order of importance. If only one diagnosis is appropriate, record only "1" in the designated space. If the diagnosis is not listed, record the number beside "Other" and specify in the space provided.

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III. CLINICOPATHOLOGIC EVALUATION OF GRAFT FAILURE

This is the specific diagnosis(es) that should be provided in the case of failed allograft only. The diagnosis(es) checked should be based on a clinicopathologic analysis and ranked in order of importance, if more than one is appropriate. #1 would be the most important.

Failure related to donor fatty liver (III.1.3) and hepatic bacterial or fungal infection or abscess (III.8) were added to the form on February 21, 1991. Records prior to this date may have missing data for these questions

Completing Form: Check the appropriate diagnostic category(ies), and rank as "1", "2", etc., in order of perceived importance. Specify type where appropriate, in the space provided. If not listed, check "Other" and specify in the space provided.

IV. COMMENTS

Use this space for any other information that is pertinent to this evaluation that has not been recorded elsewhere in this form.

Completing Form: Check whether there are any comments to be made. If "yes" write in the comments that are pertinent to this evaluation process.