




 Online Designer ▾

 [VIDEO: How to use this page](#)

 Create snapshot of instruments

Last snapshot: never 

This page allows you to build and customize your data collection instruments one field at a time. You may add new fields or edit existing ones. New fields may be added by clicking the **Add Field** buttons. You can begin editing an existing field by clicking on the  **Edit** icon. If you decide that you do not want to keep a field, you can simply delete it by clicking on the  **Delete** icon. To reorder the fields, simply **drag and drop** a field to a different position within the form below. NOTE: While in development status, all field changes will take effect immediately in real time.






 Return to list of instruments

 Previous instrument    Next instrument 

Current instrument: **Postoperative outcomes**

Preview instrument

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     Variable: bile\_leak\_posop

**Bile leakage**  
\* must provide value

none  
 Grade A  
 Grade B  
 Grade C

ISGLS: Grade A bile leaks are transient with little to no clinical impact; Grade B leaks require additional diagnostics and potentially percutaneous drainage; Grade C leaks require relaparotomy for bile peritonitis; <https://pubmed.ncbi.nlm.nih.gov/21316725/>

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     Variable: liver\_fail\_postop

**Posthepatectomy liver failure**  
\* must provide value

none  
 Grade A  
 Grade B  
 Grade C

Considering the normal postoperative course of serum bilirubin concentration and IPosthepatectomy liver failure is the impaired ability of the liver to maintain its synthetic, excretory, and detoxifying functions, characterized by an increased INR and concomitant hyperbilirubinemia (according to the normal limits of the local laboratory) on or after postoperative day 5. Grade A requires no change of the patient's clinical management. The clinical management of patients with grade B deviates from the regular course but does not require invasive therapy. The need for invasive treatment defines grade C posthepatectomy liver failure. <https://pubmed.ncbi.nlm.nih.gov/21236455/>

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     Variable: phh\_postop

**Post hepatectomy hemorrhage**  
\* must provide value

None  
 Grade A  
 Grade B  
 Grade C

ISGLS Definition: PHH is defined as a drop of Hb level >3 g/dl after the end of surgery compared to postoperative baseline level and/or any postOP transfusion of PRBCs and/or the need for invasive re-intervention to stop bleeding; Grading A PHH requiring transfusion of up to 2 units of PRBCs B PHH requiring transfusion of >2 units of PRBCs but manageable without invasive intervention C PHH requiring radiological interventional treatment (e.g. embolization) or

re-laparotomy;  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3163274/>

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Variable: clav\_dind\_postop

### Complications by Clavien-Dindo

- none
- Grade 1
- Grade 2
- Grade 3
- Grade 4
- Grade 5

<https://gynqi.com/wp-content/uploads/2022/02/Clavien-Dindo-Scale-Explained.pdf>

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Variable: reoperation

### Reoperation in same hospital stay

- Yes
- No

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Variable: type\_reop *Branching logic: [reoperation]=1*

### Type and reason of reoperation

[Add Field](#) [Add Matrix of Fields](#) [Import from Field Bank](#)



Variable: icu\_days\_postop

### Postoperative ICU stay

nights

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Variable: hosp\_stay\_postop

### Date of discharge from hospital

D-M-Y

DD-MM-YYYY

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Variable: readm\_postop

### Readmission within 30 days

- Yes
- No

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Variable: reas\_readm\_postop *Branching logic: [readm\_postop]=1*

### Reason for readmission

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Variable: adj\_ctx

### Adjuvant chemotherapy

- Yes
- No

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