




 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: **Surgical characteristics**

[Preview instrument](#)

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



Variable: date_op

Date of operation

* must provide value

D-M-Y
DD-MM-YYYY

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Variable: segm_op

Segments resected

* must provide value

- S1
- S2
- S3
- S4
- S5
- S6
- S7
- S8

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Variable: resect_type_op

Type of resection

* must provide value

- Wedge
- Segmentectomy
- Bisegmentectomy
- Trisegmentectomy
- Right hemihepatectomy
- Extended right hemihepatectomy
- Left hemihepatectomy
- Extended left hemihepatectomy
- Non anatomical major resection

Definition: See The Brisbane 2000 Terminology of Liver Anatomy and Resections;
<https://www.sciencedirect.com/science/article/pii/S1365182X17307554>

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Variable: resect_type_op_9 *Branching logic: [resect_type_op(9)] = '1'*

Specify non-anatomical major resection

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

Variable: prim_app_op

Primary surgical approach

* must provide value

- Laparoscopic
- Robotic
- Open
- Other

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Variable: prim_app_op_4

Specify other primary surgical approach

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

Variable: conv_op

Conversion to laparotomy

- Yes
- No

[Add Field](#)[Add Matrix of Fields](#)[Import from Field Bank](#)Variable: conv_op_1 *Branching logic: [conv_op]=1*

Reason for conversion to laparotomy

- Bleeding
- Oncological
- Technical issues
- Anatomical circumstances
- Other

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Variable: simult_op

Simultaneous surgery to liver surgery

- Yes
- No

[Add Field](#)[Add Matrix of Fields](#)[Import from Field Bank](#)Variable: simult_op_1 *Branching logic: [simult_op] = '1'*

Specify simultaneous surgery to liver surgery

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

Variable: pringle_op

Pringle maneuver

- Yes
- No

[Add Field](#)[Add Matrix of Fields](#)[Import from Field Bank](#)Variable: pringle_time_op *Branching logic: [pringle_op] = '1'*

Pringle time

min

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



Variable: bda_op

Bilioenteric reconstruction

- Yes
- No

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Variable: vasc_recon_op

Vascular reconstruction

- Yes
- No

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



Variable: vasc_recon_op_1 *Branching logic: [vasc_recon_op] = '1'*

Specify vascular reconstruction

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



Variable: drain_op

Drain placement

- Yes
- No

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Variable: duration_op

Duration of surgery

min; incision-closure-time

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



Variable: transfusion_op

Transfusion

no. of EK (250ml units)

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Variable: death_op

Intraoperative death

- Yes
- No

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