

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Evaluation the effect of the gastrojejunostomy technique (right to left or left to right) on the delayed gastric emptying after whipple's surgery

#### Protocol summary

##### Study aim

Evaluation the effect of the gastrojejunostomy technique on the delayed gastric emptying after whipple's surgery

##### Design

Two arm parallel group with single blinded postoperative care and outcome assessment

##### Settings and conduct

This clinical trial study will be performed in Arvand Hospital in Ahvaz and in two groups of patients with pancreatic cancer who have been nominated for Vipel surgery. The aim of this study is to investigate the effect of changing the technique of gastrojejunostomy on gastric emptying after surgery. In the first group, gastrojejunostomy will be performed with right-to-left anastomosis, and in the second group, left-right gastrojejunostomy will be performed.

##### Participants/Inclusion and exclusion criteria

all pancreatic cancer patients who candidate for wipple

##### Intervention groups

there is 2 group of patient. first standard group and second are patient who use wipple surgery with different technique in gastrojejunostomy anastomosis

##### Main outcome variables

evaluation of delayed gastric emptying syndrome

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20190506043492N1**

Registration date: **2020-04-15, 1399/01/27**

Registration timing: **registered\_while\_recruiting**

Last update: **2020-04-15, 1399/01/27**

Update count: **0**

##### Registration date

2020-04-15, 1399/01/27

#### Registrant information

##### Name

Milad Arabi

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 61 3374 3001

##### Email address

arabi.m@ajums.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

##### Expected recruitment start date

2017-09-23, 1396/07/01

##### Expected recruitment end date

2020-09-22, 1399/07/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

#### Scientific title

Evaluation the effect of the gastrojejunostomy technique (right to left or left to right) on the delayed gastric emptying after whipple's surgery

#### Public title

Evaluation of the effect of gastric surgery technique on gastric emptying

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

##### Inclusion criteria:

All patients with pancreatic cancer who are candidates for Vipel surgery

##### Exclusion criteria:

Patients with pancreatic cancer who have underlying

liver disease or gastric gastroparesis.

**Age**

No age limit

**Gender**

Both

**Phase**

3

**Groups that have been masked**

- Participant
- Data analyser

**Sample size**

Target sample size: **60**

**Randomization (investigator's opinion)**

Not randomized

**Randomization description****Blinding (investigator's opinion)**

Single blinded

**Blinding description**

None of the patients are aware of the technique of their surgery, but the surgeon and the researcher are aware of the type of technique for each patient.

**Placebo**

Not used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

ethics committee of ahwaz jondishapour university of Medical sciences

**Street address**

ahwaz- 30 metri st. Arvand hospital

**City**

ahwaz

**Province**

Khuzestan

**Postal code**

6155635444

**Approval date**

2019-02-14, 1397/11/25

**Ethics committee reference number**

IR.AJUMS.REC.1398.110

**Health conditions studied****1****Description of health condition studied**

Pancreatic cancer

**ICD-10 code**

C25

**ICD-10 code description**

Malignant neoplasm: Head of pancreas

**Primary outcomes****1****Description**

Delayed gastric empty syndrome

**Timepoint**

from operation day till 3 month after surgery

**Method of measurement**

history from patient

**Secondary outcomes**

empty

**Intervention groups****1****Description**

In the group of interventions in Whipple's surgery, with the right-to-left technique, by rotating one hundred and eighty degrees, the proximal lobe of the genome is connected to the cochlear laser, and after the operation, by phone call, the patient's history, nutrition, severity and The persistence of nausea and vomiting is questioned.

**Category**

Treatment - Surgery

**2****Description**

In the control group in Whipple surgery, with the left-to-right technique, the progeny lobe of the genome is connected to the gritter cortex. And after the operation, the patient will be asked by phone call about the patient's history, how to feed, the severity and persistence of nausea and vomiting.

**Category**

Treatment - Surgery

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Arvand Hospital in Ahwaz

**Full name of responsible person**

Milad Arabi

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Mimalef83@gmail.com

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Ahvaz University of Medical Sciences  
**Full name of responsible person**  
Dr Karandish Majid  
**Street address**  
Ahvaz Jondishapoor University of Medicine  
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#### Grant name

**Grant code / Reference number**

**Is the source of funding the same sponsor organization/entity?**

Yes

#### Title of funding source

Ahvaz University of Medical Sciences

#### Proportion provided by this source

100

#### Public or private sector

Public

#### Domestic or foreign origin

Domestic

#### Category of foreign source of funding

*empty*

#### Country of origin

#### Type of organization providing the funding

Academic

## Person responsible for general inquiries

#### Contact

**Name of organization / entity**  
Ahvaz University of Medical Sciences  
**Full name of responsible person**  
Milad Arabi  
**Position**  
Resident of Surgery  
**Latest degree**  
Medical doctor  
**Other areas of specialty/work**  
General Surgery  
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## Person responsible for scientific inquiries

#### Contact

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## Person responsible for updating data

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## Sharing plan

### Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

### Study Protocol

Yes - There is a plan to make this available

### Statistical Analysis Plan

Yes - There is a plan to make this available

### Informed Consent Form

Yes - There is a plan to make this available

### Clinical Study Report

Yes - There is a plan to make this available

### Analytic Code

Yes - There is a plan to make this available

### Data Dictionary

Not applicable

### Title and more details about the data/document

age - gender - delayed gastric emptying syndrome - readmission

### When the data will become available and for how long

6 m after sampling

### To whom data/document is available

attending of med university - HB surgeons

### Under which criteria data/document could be used

for future study in hepatobiliary fields

### From where data/document is obtainable

mimalef83@gmail.com executor of study

### What processes are involved for a request to access data/document

with email

### Comments