

Early Achievable SeveritY (EASY) index for simple and accurate early risk stratification in acute pancreatitis

Submission date 13/11/2014	Recruitment status No longer recruiting	☒ Prospectively registered ☒ Protocol
Registration date 28/11/2014	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 08/06/2022	Condition category Digestive System	☐ Individual participant data

Plain English summary of protocol

Background and study aims

Acute pancreatitis (AP) is a serious condition where the pancreas becomes inflamed over a short period of time. Assessing the severity is crucial to the management of the disease. Current methods of determining the level of risk (risk stratification) in AP have a limited value as they provide little additional information and thus may delay appropriate management. Early recognition of severe disease may prevent serious adverse events and improve patient management as well as overall clinical outcome. Our aim is to develop a simple, easy and accurate clinical scoring system that can stratify patients with AP during the first 6-12 hours of hospitalization according to their risk for severe disease course, and which can also be performed in small hospitals with limited access to diagnostic tools.

Who can participate?

Patients aged 18 to 99 hospitalized due to acute pancreatitis.

What does the study involve?

This is an observational study where information from the patients' medical history, physical examination, laboratory tests and diagnostic imaging will be evaluated. The care or services that patients receive will not be altered by the study. All patients will be treated equally, according to the recently published guidelines.

What are the possible benefits and risks of participating?

Our goal is to develop a simple and accurate clinical scoring system for patient stratification. The ability to perform earlier and simpler risk stratification may prevent serious adverse events and improve patient management as well as overall clinical outcome. Because of the characteristics of the observation study there will be no risks of participation related to the trial.

Where is the study run from?

University of Szeged (Hungary)

When is the study starting and how long is it expected to run for?
December 2014 to May 2024 (updated 03/01/2020, previously: November 2017)

Who is funding the study?
Hungarian Pancreatic Study Group (HPSG) (Hungary).

Who is the main contact?
Balázs Kui, MD, PhD
k.kubali@gmail.com

Contact information

Type(s)
Scientific

Contact name
Dr Balázs Kui

Contact details
1st Department of Medicine
University of Szeged
Korányi fasor 8
Szeged
Hungary
6720
-
kubali@gmail.com

Additional identifiers

Study information

Scientific Title
Early Achievable SeveritY (EASY) index for simple and accurate early risk stratification in acute pancreatitis: an observational multicenter prospective cohort study

Acronym
EASY

Study objectives
Acute pancreatitis is one of the most common diseases of the gastrointestinal tract that requires acute hospitalization and despite the special care is still associated with significant morbidity and mortality worldwide. The assessment of severity is a crucial issue in the management of acute pancreatitis. It is critical to identify patients who are at high risk for severe disease course, since they require close monitoring and immediate aggressive treatment.

Early recognition of severe acute pancreatitis by a simple, easy and accurate clinical scoring system for early prognostication of the disease may prevent serious adverse events and improve patient management as well as overall clinical outcome.

Ethics approval required

Old ethics approval format

Ethics approval(s)

The National Hungarian Ethical Authority (ETT TUKEB), No. 30595-1/2014/EKU

Primary study design

Observational

Study design

Observational multicenter prospective cohort study

Study type(s)

Diagnostic

Health condition(s) or problem(s) studied

Acute pancreatitis

Interventions

The web-based Hungarian National Pancreas Registry would provide the background for data management of this trial. Simple attainable potential prognostic parameters from medical history, physical examination, laboratory tests and diagnostic imaging obtained at admission from patients diagnosed with acute pancreatitis will be evaluated to assess their potential correlation with the disease severity. The selected parameters that show the strongest correlation with severe disease course will be further utilized as potential early severity prognostic markers for prospective new patient stratification. The comparison of patients clinical course with the obtained results of early risk stratification in case of correlation may validate the utilized parameters as prognostic markers.

Intervention Type

Other

Primary outcome(s)

Validation of previously selected parameters that showed the strongest correlation with severe disease course as prognostic markers to develop a simple, easy and accurate clinical scoring system that can stratify patients with acute pancreatitis during the first 6-12 hours of hospitalization according to their risk for severe disease course.

Key secondary outcome(s)

N/A

Completion date

31/05/2024

Eligibility**Key inclusion criteria**

Patients (men and women aged 18 to 99 years) hospitalized due to acute pancreatitis diagnosed based on the fulfillment of two out of three of the criteria irrespectively of the etiology

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Upper age limit

99 Years

Sex

All

Total final enrolment

1184

Key exclusion criteria

N/A

Date of first enrolment

01/12/2014

Date of final enrolment

30/01/2024

Locations**Countries of recruitment**

Hungary

Study participating centre

University of Szeged

1st Department of Medicine

Szeged

Hungary

6720

Sponsor information**Organisation**

Hungarian Pancreatic Study Group (HPSG)

Funder(s)

Funder type

Research organisation

Funder Name

The Hungarian Pancreatic Study Group (HPSG)

Results and Publications

Individual participant data (IPD) sharing plan

Not provided at time of registration

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article		01/06/2022	08/06/2022	Yes	No
Protocol article	protocol	01/06/2015		Yes	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes