

Impact of adrenal gland volume on outcome of septic shock patients

Submission date

21/03/2010

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

27/04/2010

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

05/10/2011

Condition category

Nutritional, Metabolic, Endocrine

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Prof Samir Jaber

Contact details

Service d'Anesthésie-Réanimation B
Unité de Réanimation et Transplantation
Hôpital Saint Eloi
80 Avenue Augustin Fliche
Montpellier
France
34295

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

None

Study information

Scientific Title

Impact of adrenal gland volume measured non invasively with a CT scan on outcome of septic shock patients admitted in the Intensive Care Unit: A single centre, observational trial

Study objectives

1. To assess the impact of adrenal gland volume measured non invasively with a CT scan on outcome of septic shock patients admitted in the Intensive Care Unit.
2. To compare adrenal gland volume between septic and non septic patients.
3. To examine the relationship between adrenal gland volume and adrenal gland function assessed by hormonal tests.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Local ethics committee approval

Study design

Single centre observational study

Primary study design

Observational

Secondary study design

Cohort study

Study setting(s)

Hospital

Study type(s)

Diagnostic

Participant information sheet

Not available in web format, please use contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Septic Shock; Adrenal gland; Critical Illness related Corticoid Insufficiency

Interventions

Observational trial of patients receiving routine care with an abdominal CT scan

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

Mortality at day 28

Secondary outcome measures

1. ICU length of mechanical ventilation
2. ICU length of stay
3. Adrenal function in univariate and multivariate analysis
4. Adrenal gland volume comparison between septic and non septic patients

Overall study start date

01/03/2007

Completion date

01/05/2010

Eligibility

Key inclusion criteria

1. Septic shock patients: septic shock defined using the Bone guidelines (Bone et al, Chest 1992; 101(6):1644-55) admitted in the ICU and explored both with a short cosyntropin test and an abdominal CT scan
2. Non septic patients admitted to Intensive Care Unit with explored abdominal CT scan
3. Outpatients clinic patients explored for abdominal pain with a normal CT scan
4. Male and female, age ≥ 18

Participant type(s)

Patient

Age group

Adult

Lower age limit

18 Years

Sex

Both

Target number of participants

150

Key exclusion criteria

1. Chronic steroid consumption
2. Adrenal gland specific pathology prior to admission

Date of first enrolment

01/03/2007

Date of final enrolment

01/05/2010

Locations

Countries of recruitment

France

Study participating centre

Service d'Anesthésie-Réanimation B

Montpellier

France

34295

Sponsor information

Organisation

University Teaching Hospital of Montpellier (CHU de Montpellier) (France)

Sponsor details

191 Avenue du Doyen Gaston Giraud

Montpellier

France

34295

Sponsor type

Hospital/treatment centre

ROR

<https://ror.org/00mthsf17>

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Saint Eloi Hospital (France) - Intensive Care and Transplantation Unit (Unité de Réanimation et Transplantation)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

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	results	01/08/2011		Yes	No