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Impact of adrenal gland volume on outcome of septic shock patients

Submission date	Recruitment status	[_] Prospectively registered
21/03/2010	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
27/04/2010	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
05/10/2011	Nutritional, Metabolic, Endocrine	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
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Additional identifiers

Protocol serial number
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

Study type(s)
Diagnostic

Health condition(s) or problem(s) studied
Septic Shock; Adrenal gland; Critical Illness related Corticoid Insuffisency

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

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
Mortality at day 28

Key secondary outcome(s))
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

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

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

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)

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

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