

Hocus POCUS: a tool for increasing the efficiency of diagnosing venous thromboembolic disease in critically ill COVID-19 patients?

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON22592

Source

NTR

Brief title

POCUS VTE COVID

Health condition

Pulmonary embolism, deep venous thrombosis, venous thromboembolic disease, COVID-19

Sponsors and support

Primary sponsor: UMC Utrecht

Source(s) of monetary or material Support: UMC Utrecht

Intervention

Outcome measures

Primary outcome

The percentage of preventable CTPA in the work up of suspected PE in COVID-19 positive

patients.

Secondary outcome

The percentage of preventable CTPA in the work up of suspected PE in COVID-19 positive patients. This percentage will be correlated to clinical parameters such as admission ward and early warning score.

Study description

Background summary

The objective of this study is to investigate whether point-of-care performed two-point CUS (2CUS) of both legs reduces the need for CTPA in COVID-19 patients.

Study objective

In non-COVID-19 patients with pulmonary embolism a prevalence of up to 70% of concomitant symptomatic or asymptomatic deep venous thrombosis has been reported. Physicians experience an exceptionally high prevalence of pulmonary embolism in COVID-19 patients. If the etiology is equal for COVID-19 and non-COVID-19, then numerous patients with COVID-19 and pulmonary embolism should have concomitant symptomatic or asymptomatic deep venous thrombosis.

Study design

none

Contacts

Public

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Scientific

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Eligibility criteria

Inclusion criteria

All patients with PCR confirmed COVID-19 with a clinically suspected pulmonary embolism, aged 18 years or over.

Exclusion criteria

chronic and known deep vein thrombosis (DVT), ipsi- or contralateral DVT within the previous 6 months, pregnancy

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Recruiting
Start date (anticipated):	15-05-2020
Enrollment:	50
Type:	Anticipated

IPD sharing statement

Plan to share IPD: No

Ethics review

Positive opinion

Date: 15-05-2020

Application type: First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL8625
Other	METC Utrecht : 20-292

Study results