

CAPNOGRAPHY AND CLINICAL DECISION MAKING IN THE SPONTANEOUSLY BREATHING, NON-INTUBATED EMERGENCY PATIENT

- A SYSTEMATIC REVIEW

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Conflicts of interest: None**

SO TELL ME

**HOW YOUR O2 SAT IS MONITORING
VENTILATION**

**WHAT IF I TOLD
YOU**

**CAPNOGRAPHY IS NOT JUST FOR THE
INTUBATED**



METODE

P Spontaneously breathing
non-intubated patients

I End tidal carbon
dioxide monitoring

C Non - End tidal carbon
dioxide monitoring

O Provide information
beneficial to clinical
decision making

MEDLINE

SCOPUS

COCHRANE

ACADEMICSEARCH COMPLETE

CINAHL

1. JANUAR 1990 – 24. FEBRUAR 2016

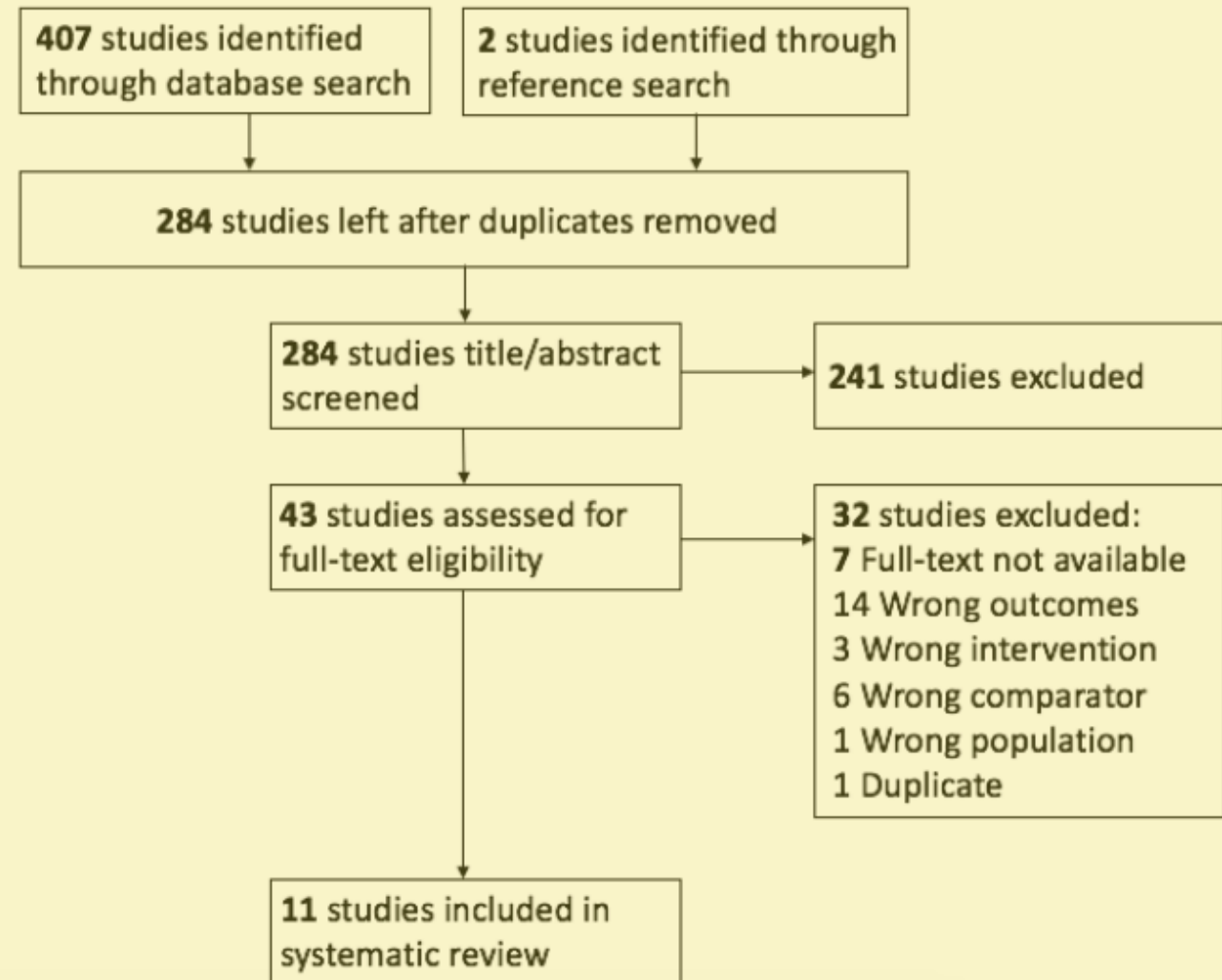
Filters: Human, English

METODE

Included studies:

1 meta-analysis
2 randomised controlled trials
8 cohort studies

1450 study subjects



RESULTAT

Kun én meta-analyse

Kun ét præ-hospitalt studie

Kurveform/ingen kurveform

Ingen nævner uddannelse

Lavt antal subjects (n=1450)

	Random sequence generation	Allocation concealment	Blinding of participants and personell	Blinding of outcome assessment	Incomplete outcome data	Selective reporting
Gaucher et al. (2012)	?	?	-	+	?	+
Kober et al. (2004)	+	+	-	+	-	+
Waugh et al. (2011)	+	+	?	+	?	+
Langhan et al. (2015)	+	+	+	+	+	+
Deitch et al. (2010)	+	-	+	?	?	+
Burton et al. (2006)	-	-	?	+	-	+
Soto et al. (2004)	-	-	+	+	+	+
Wahlen et al. (2003)	-	-	?	+	+	+
Yaron et al. (1996)	-	-	+	+	+	+
Hisamuddin et al. (2009)	-	+	?	+	+	+
Howe et al (2012)	-	+	?	+	+	+

Red: High risk, Yellow: Unclear risk, Green: Low risk.

KONKLUSION



**WE DONT ALWAYS DO A SYSTEMATIC
REVIEW**



**BUT WHEN WE DO FURTHER STUDIES
ARE NEEDED**