

# The utility of Capnography in Adult dental Patients Consciously Sedated with Intravenous Midazolam

<b>Submission date</b> 30/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 30/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 11/04/2014	<b>Condition category</b> Oral Health	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**Protocol serial number**  
N0436146696

## Study information

**Scientific Title**

**Study objectives**

1. To determine whether the use of capnography in adults consciously sedated with intravenous midazolam for dental treatment can reduce the incidence of fall in arterial oxygen haemoglobin saturation as measured by pulse oximetry.
2. To report on the effect of the use of supplemental oxygen on alveolar carbon dioxide as measured by capnography.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration

**Primary study design**

Interventional

**Study design**

Randomised controlled trial

**Study type(s)**

Not Specified

**Health condition(s) or problem(s) studied**

Oral Health

**Interventions**

Capnography vs no capnography

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Not provided at time of registration

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/06/2004

**Eligibility****Key inclusion criteria**

Adults (18 years old and over) on the dental treatment waiting list at the sedation unit at the Leeds Dental Institute.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 Years

**Sex**

Not Specified

**Key exclusion criteria**

Patients not fulfilling the criteria for inclusion.

**Date of first enrolment**

01/02/2004

**Date of final enrolment**

01/06/2004

**Locations**

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Dental Department**

Leeds

United Kingdom

LS2 9LU

**Sponsor information**

**Organisation**

Department of Health

**Funder(s)**

**Funder type**  
Government

**Funder Name**  
Leeds Teaching Hospitals NHS Trust (UK), NHS R&D Support Funding

## **Results and Publications**

**Individual participant data (IPD) sharing plan**

**IPD sharing plan summary**  
Not provided at time of registration