

Assessment of the value of hyoscine butylbromide (Buscopan®) in optimising image quality for patients undergoing pelvic magnetic resonance imaging

Submission date 30/09/2004	Recruitment status No longer recruiting	☐ Prospectively registered
		☐ Protocol
Registration date 30/09/2004	Overall study status Completed	☐ Statistical analysis plan
		☒ Results
Last Edited 05/04/2012	Condition category Other	☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr B Taylor

Contact details

X-Ray Diagnostic
Christie Hospital NHS Trust
Wimslow Road
Withington
Manchester
United Kingdom
M20 4BX

Additional identifiers

Protocol serial number

N0063139427

Study information

Scientific Title

Study objectives

To determine whether intravenous hyoscine butylbromide (Buscopan®) results in a significant improvement in magnetic resonance (MR) image quality and improves diagnostic accuracy, thereby benefitting patients.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

A cohort observation, randomised single-blinded trial

Study type(s)

Screening

Health condition(s) or problem(s) studied

Magnetic resonance imaging (MRI)

Interventions

Before pelvic magnetic resonance imaging patient will received either intravenous hyoscine butylbromide or a placebo.

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Hyoscine butylbromide (Buscopan®)

Primary outcome(s)

Overall image quality and visualisation of individual pelvic structures and visualisation of tumours on MR images, both with and without Buscopan®.

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/12/2008

Eligibility

Key inclusion criteria

Patients undergoing pelvic magnetic resonance imaging.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

20/01/2004

Date of final enrolment

31/12/2008

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

X-Ray Diagnostic

Manchester

United Kingdom

M20 4BX

Sponsor information**Organisation**

Department of Health

Funder(s)

Funder type

Government

Funder Name

Christie Hospital NHS Trust (UK)

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	01/11/2007		Yes	No