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The effect of post-operative nasal packing on mucociliary activity

Submission date	Recruitment status	[_] Prospectively registered
12/09/2003	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
12/09/2003	Completed	[_] Results
Last Edited	**Condition category**	[_] Individual participant data
31/03/2020	Ear, Nose and Throat	[_] 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
N0025107235

Study information

Scientific Title
The effect of post-operative nasal packing on mucociliary activity

Study objectives

We expect that nasal packs disrupt the nasal mucosal membrane for up to 3 months causing increased morbidity.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Primary study design
Interventional

Study design
Prospective randomised controlled pilot study

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Ear, Nose and Throat: Post-operative nasal packing

Interventions
Patients will be randomised to receive either Merocel, Vasolene gauze or no packs. The effect on the mucociliary transport will be assessed by performing a saccharin clearance test pre-operatively, after removal of packs prior to discharge and at subsequent clinic follow-up. It is envisaged that the packs will significantly alter the mucociliary transport time, leading to increased post-operative morbidity. This will lead to an alteration in departmental policy and fewer patients will be packed as a result. Data analysis of the results to assess the mucociliary transport rates will be done.

Intervention Type
Procedure/Surgery

Primary outcome(s)
Not provided at time of registration

Key secondary outcome(s)
Not provided at time of registration

Completion date
01/06/2003

Eligibility

Key inclusion criteria
Not provided at time of registration

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
01/09/2001

Date of final enrolment
01/06/2003

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
University Hospital Aintree
Liverpool
United Kingdom
L9 7AL

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Aintree Hospitals NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration