

Do steroids speed recovery after drainage of a quinsy: a randomised, placebo-controlled trial

Submission date 23/07/2008	Recruitment status Stopped	☒ Prospectively registered ☐ Protocol
Registration date 27/08/2008	Overall study status Stopped	☐ Statistical analysis plan ☐ Results
Last Edited 28/11/2012	Condition category Infections and Infestations	☐ Individual participant data ☐ Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Mr Patrick Spielmann

Contact details
Department of Otolaryngology
Raigmore Hospital
Old Perth Road
Inverness
United Kingdom
IV2 3BG
+44 (0)1463 704000
patrickspielmann@nhs.net

Additional identifiers

Protocol serial number
07855752109

Study information

Scientific Title
Single dose dexamethasone following aspiration of a peri-tonsillar abscess: a randomised, placebo-controlled trial

Study objectives

Peri-tonsillar abscess is a common cause for emergency admission to an "Ear, Nose and Throat" (ENT) ward. In Raigmore there are 2-3 admissions per week with a quinsy. The standard management is needle aspiration under local anaesthetic, commonly performed in the ward treatment room. The patient would normally be admitted to the ward for intravenous antibiotics and fluid until they were able to resume a satisfactory oral intake. The length of admission depends very much on the speed of recovery and resumption of normal oral intake; this can vary from 6 hours - 48 hours.

Null hypothesis: There is no difference in the rate of recovery between patients given dexamethasone and those given saline after aspiration of a peri-tonsillar abscess.

Ethics approval required

Old ethics approval format

Ethics approval(s)

To be submitted to the Highland Research Ethics Committee as of 23/07/2008

Primary study design

Interventional

Study design

Double-blind, randomised, placebo-controlled, single-centre trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Peri-tonsillar abscess (quinsy)

Interventions

Antibiotics (intravenous [IV]) + dexamethasone 8 mg (single dose) vs antibiotics (IV) + placebo

Standard antibiotics treatment would be benzyl-penicillin 1.2 g four times per day (qds) or clarithromycin 500 mg three times per day (tds) if allergic to penicillin.

Please note that this trial was stopped in February 2011 due to problems with recruitment and funding.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Time to resumption of oral intake of fluids and solids
2. Time to resolution of fever
3. Time to resolution of pain

Key secondary outcome(s)

Improvement in inter-incisor distance (i.e. mouth opening as surrogate marker for improvement), measured every 4 hours.

Completion date

01/10/2009

Reason abandoned (if study stopped)

Participant recruitment issue

Eligibility

Key inclusion criteria

1. Patient with pus aspirated from peri-tonsillar abscess
2. Both males and females, age over 16
3. Minimum body weight of 40 kg

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Children less than 16 may not be able to consent themselves to the study so will not be included
2. A body weight of less than 40 kg means the proposed dose of 8 mg dexamethasone is too high
3. Pregnancy
4. Inability to consent
5. Current symptomatic peptic ulcer

Date of first enrolment

01/10/2008

Date of final enrolment

01/10/2009

Locations

Countries of recruitment

United Kingdom

Scotland

Study participating centre
Department of Otolaryngology
Inverness
United Kingdom
IV2 3BG

Sponsor information

Organisation
Raigmore Hospital (UK)

ROR
<https://ror.org/05apdps44>

Funder(s)

Funder type
Research organisation

Funder Name
Grant application has been submitted to the Otolaryngologic Research Society (<http://www.ors.uk.net/>) (UK). Decision pending as of 23/07/2008.

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration