



Metoclopramide for Avoiding Pneumonia after Stroke: MAPS-2

Recruitment update: to date we have a total of:

866

Thank you all for your efforts!

Congratulations to the team at Craigavon for launching recruitment with a flying start with 3 recruits in their first month!

Site update: We currently have a total of 68 sites open to recruitment (7 repatriation).

A big welcome to the teams at recently activated sites:

- UHB Heartlands and Good Hope



A full list of sites currently open to recruitment can be found at:

<http://www.stroke-in-stoke.info/maps-2-study>



Side Effects of Metoclopramide

At our last Investigator Meeting CI Prof. Christine Roffe shared some advice on how to discuss any concerns raised by patients and their family members over the risk of side effects from our study drug Metoclopramide.

Key points:

- Offer a clear explanation of what the drug does, i.e. that it works to prevent vomiting.
- Explain that side effects are considerably less common than other commonly prescribed blood pressure tablets or over the counter drugs (see table for the comparison).
- Highlight that we expect the potential benefit (prevention of pneumonia) outweighs the very low risk of serious side effects of the study drug.

MAPS-2	Alteplase	Amlodipine	Metoclopramide	Ibuprofen
Very common more than 1/10	Brain haemorrhage Other haemorrhages Stroke Recurrence Chest pain Heart failure Low blood pressure	Headache Dizziness Nausea Visual disturbance Palpitations Breathlessness Ankle swelling	Drowsiness	Heartburn Indigestion Stomach pain Sickness Vomiting Flatulence Diarrhoea Constipation
Common 1/10 or less	Haemorrhage -Brain -Thrombocytopenia -Stroke -Hypotension -Hypertension -Arrhythmias -ECG sites -Arrest -Stroke	Headache Weakness Dizziness Nausea Visual disturbance Palpitations Breathlessness Ankle swelling	Muscle pain Tiredness Weakness Depression Muscle spasms Parkinson's like symptoms Diarrhoea Constipation Swollen legs Low blood pressure	Stomach ulcers Vomiting Bleeding from bowels Colitis Perforated Bowel Sleepiness Dizziness Agitation Sleeplessness Irritability
Uncommon 1/100 or less	Haemorrhage -Lung -Nose -Ears Cardiac arrhythmias Heart valve problems	Anxiety Dizziness Nausea Taste disturbance Numbness Tingling Tinnitus Cardiac arrhythmias Low blood pressure Cough Rummy nose Problems passing water Passing water at night	Vomiting Dizziness Rash Itching Discoloration Joint pain Muscle pain Back pain Chest pain Urinary frequency Impotence Feeling unwell Weight loss Weight gain	Allergies Asthma Irregular periods Asthma attack Low blood pressure Visual disturbances Runny nose Bronchospasms Chest pain Swelling Allergies Problems
Rare 1/1000 or less	Bleeding in other internal organs	Confusion	Confusion and seizures	Blindness Kidney damage Changes in liver function Impaired blood clotting Anaemia

Please find a copy of this table on the final page of this newsletter.

You can find the June 2024 Investigator Meeting slides via our documents webpage.

(<https://stroke.nottingham.ac.uk/maps-2/docs/public.php>)



Save the Dates!

Upcoming Investigator Meetings

- Friday - 26 July 2024 - 13:00
- Tuesday - 24 September 2024 - 13:00
- Friday - 25 October 2024 - 13:00
- Tuesday - 26 November 2024 - 13:00



Introducing: Northwick Park - Harrow

Northwick Park hospital is the major Hyper Acute Stroke unit in North London covering 3 boroughs with a combined population of 900,000 . The team for MAPS-2 involves Dr Aravinth Sivagnanaratnam who is the Principal Investigator for the study and Research Nurses Parvathy Gopi, Sean Connarty and Research coordinator Tabassum Khan. I would also like to mention my colleague Sreena Sreedevi Raj who is currently on maternity leave who was involved in setting up and recruiting the initial patients. We have currently recruited 34 patients coming at National Level 3rd place for MAPS-2 Trial which we are very proud off 😊

The key factors which work for us are:

1. Screening – Actively screening patients at the beginning of shift, midday, and evening from both ward and A&E list. We use a hospital EPR system named CERNER which is been updated on real time. I hold bleep for Stroke blue light so when a new patient arrives screening also happens on same time electronically. PI Dr Siva also screen patients from morning safety huddles in ward if Research Team misses any patients.

2. Communication – Maintaining good communication with PI (Meeting regularly, updating study, potential patients) and also with other consultants, Registrars and Stroke Specialist Nurses is the key to successful recruitment. Visiting unit everyday had created a good rapport between Research team and ward team and acceptance of Research in our day-to-day practice.

3. Flexibility - We had seen a trend in our stroke patients that we identify them mostly in the afternoons and frequently we have had to extend our working hours into the evenings. The R&D dept in our Trust is flexible with working hours which supports recruitment and enables us to work flexibly to support all our research activities. . The vast majority of the patients we recruited was after 4pm.

Our commitment to our patients, passion towards research, and creating new evidence and recognising that these trials contribute to future interventions which will genuinely help our patients will continue to be the goal that drives us forward.

Bio by - Parvathy Gopi, Clinical Research Nurse

The MAPS-2 team would like to express their gratitude to the team at Northwick Park for all the work they do for the trial and for their consistent recruitment.

A joy to work with such a dedicated team!

THANK YOU!

Does your site want to be featured next?
Got some top-tips to share? Let us know!



Any Questions? ☎ 0115 823 1665 ✉ MAPS-2@nottingham.ac.uk



Side Effects of Metoclopramide - Comparison Table

MAPS-2	Alteplase	Amlodipine		Metoclopramide	Ibuprofen
Very common more than 1/10	Brain haemorrhage Other haemorrhages Stroke Recurrence Chest pain Heart failure Low blood pressure			Drowsiness	Heartburn Indigestion Stomach pain Sickness Vomiting Flatulence Diarrhoea Constipation
Common 1/10 or less	Haemorrhage -Brain -Throat -Stomach -Bruises -Kidneys and bladder -injection sites Cardiac arrest and shock	Sleepiness Tiredness Weakness Dizziness Headache Visual disturbance Palpitations Breathlessness Ankle swelling	Muscle cramps Stomach pain Nausea Indigestion Diarrhoea Constipation Swollen legs	Tiredness Weakness Depression Muscle spasms Parkinson's like symptoms Restlessness Diarrhoea Low blood pressure	Stomach ulcers Vomiting blood Bleeding from bowels Colitis Perforated Bowel Sleepiness Dizziness Agitation Sleeplessness Irritability
Uncommon 1/100 or less	Haemorrhage -Lungs -Nose -Ears Cardiac arrhythmias Heart valve problems	Sleeplessness Anxiety Depression Tremor Taste disturbance Numbness Tingling Tinnitus Cardiac arrhythmias Low blood pressure Cough Runny nose Problems passing water Passing water at night	Vomiting Dry mouth Hair loss Bruising Rash Itching Skin discoloration Joint pain Muscle pain Back pain Chest pain Urinary frequency Impotence Feeling unwell Weight Loss Weight gain	Allergies Cardiac arrhythmias Irregular periods Breast milk production Drowsiness	Itchy rash Itching Asthma attack Low blood pressure Visual disturbances Runny nose Bronchospasm Gastritis Leg swelling Kidney problems
Rare 1/1000 or less	Bleeding in other internal organs	Confusion		Confusion and seizures	Blindness Kidney damage Changes in liver function Impaired blood clotting Anaemia

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