

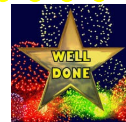


Pregnancy ANtihypertensive Drugs:

Which Agent is best?



At the end of June a total of **1124** women have been randomised into the study!



We have nearly reached the half-way mark of 1150 women!

As a thank you for every site that reaches their randomisation target in July will receive a Love2Shop voucher!

Data from over 2000 women, show that when approaching a woman who is eligible for the trial

Thank you to all the sites that attended the last virtual meeting it was wonderful to see all your faces! There was discussion between sites on screening and recruiting women to the randomisation part of the trial: Top tips included:

For every 4 women approached



50% take part in the trial



25% take part in the observational arm



25% don't take part



.Offer the trial to every eligible woman with hypertension

.Screen antenatal lists for women who have chronic or gestational hypertension. Be visible in the clinical areas

.Please 'Just ask' these women if they would be happy to be randomised. We have had feedback that a particularly good time to re-approach these women is when their medication needs to be switched/ increased.

.Provide training for clinical staff about Giant PANDA. If you would like the Giant PANDA team to support you with this please do ask!

For every 4 women approached, 2 women will agree to be randomised to either medication.

New study highlights importance of understanding infant side effects of antihypertensive agents in pregnancy

REMINDER: Women can move from the observational study to the trial (provided they meet the eligibility criteria). See the document attached which provides a step by step instructions on how to do this in REDCap.

Study summary: A new study published in BJOG in June found that more than 1 in 10 late preterm infants (34⁺⁰- 36⁺⁶) and 1 in 20 term infants (37⁺⁰ onwards) admitted to Neonatal Units in the UK are associated with a maternal hypertensive disorder of pregnancy (HDP). Respiratory disease and hypoglycaemia were the primary drivers of admission in HDP infants, with HDP infants being more than twice as likely as non-HDP infants to be admitted for hypoglycaemia. Overall 1 in 4 HDP infants received interventions for hypoglycaemia alone.

How is this related to Giant PANDA?

The evidence on infant side effects of antihypertensive agents taken during pregnancy is thin. Giant PANDA will provide high quality evidence around the infant side effects, including hypoglycaemia, of nifedipine and labetalol. If the trial finds infant hypoglycaemia risk varies substantially between these two medications, the results will help improve evidence based recommendations on optimal antihypertensive choice around the time of delivery. This might reduce the proportion of HDP infants requiring NNU care for management of hypoglycaemia, reducing separation of mothers and their infants.

SWAP

Thank you to all sites who have completed the Giant PANDA Study Within A Project (SWAP) (with an aim to maximise inclusivity and participation of pregnant women and birthing people with multiple long-term health conditions in Giant PANDA and future trials) audit survey! The survey only takes around 5 minutes to complete and will be closing on 31st July 2023. We would love all sites to be represented! The link to complete the survey is here <https://forms.office.com/e/m4qA7Ln5jP>. Please do let us know if you have any questions, or would like any support with completing this audit survey.

We owe it to women and their babies to know which antihypertensive agent is best – keep up the good work!

Video abstract : <https://www.youtube.com/watch?v=WduDjFDGUTo>

Article: <https://obgyn.onlinelibrary.wiley.com/doi/10.1111/1471.0528.17574?af=R>

Recruitment June 2023

Sites	Date opened	RANDOMISATION					SCREENED		OBSERVATIONAL	
		Apr-23	May-23	Jun-23	Total	3 month	Jun-23	Total	Jun-23	Total
Aneurin Bevan University Health Board	21/06/2022				2	0.0		22		5
Birmingham Women's and Children's NHS Foundation Trust	26/05/2021		1	2	29	1.0	7	176	2	43
Blackpool Teaching Hospitals NHS Foundation Trust	11/05/2023		2		2	0.7		4	1	2
Bradford Teaching Hospitals NHS Foundation Trust	25/08/2021	2		2	31	1.3	4	77	2	38
Buckingham Healthcare Trust (Stoke Mandeville)	30/09/2021			1	15	0.3	3	37	1	15
Burnley General Teaching Hospital	29/09/2021				10	0.0		18		8
Cardiff Bay Hospital	09/11/2021	1			9	0.3	3	65		19
Chelsea and Westminster Hospital	21/07/2021	4		4	37	2.7	6	86		10
Chesterfield Royal	30/08/2022				14	0.0		42		12
County Durham and Darlington NHS Foundation Trust	17/02/2022				2	0.0		16		7
Doncaster and Bassetlaw	30/08/2022				5	0.0	3	30	2	15
East Suffolk and North Essex NHS Foundation Trust - Ipswich	14/12/2021		1		21	0.3	5	58	5	22
Epsom and St Helier University Hospitals NHS Trust	09/02/2023	1	1	4	6	2.0	5	9		
Guy's and St Thomas' NHS Foundation Trust	16/06/2021	2	6	6	112	4.7	12	245	3	69
Homerton University Hospital NHS Foundation Trust	11/06/2021	1	2	1	21	1.3	1	71		18
Hywel Dda Health Board	09/11/2021	1			20	0.3	1	37		5
Kingston Hospital NHS Foundation Trust	03/02/2022		3	1	22	1.3		125		18
Leeds Teaching Hospitals NHS Trust	22/09/2021	3	3		28	2.0		98		32
Liverpool Women's NHS Foundation Trust	07/09/2022	3	1		13	1.3	2	37	1	23
Manchester University NHS Foundation Trust	05/10/2021	9	11	10	205	10.0	14	265	3	31
Mid Yorkshire NHS Trust	01/08/2022	2	6	4	27	4.0	5	38	1	9
North West Anglia NHS Foundation Trust	31/03/2022				4	0.0	1	36	2	15
Northumbria Health Care NHS Trust	14/02/2023	1			3	0.3	2	9	2	6
Nottingham University Hospitals NHS Trust	27/07/2021				26	0.0	1	62	1	18
Oxford University Hospitals NHS Foundation Trust	10/09/2021				20	0.0	1	76	1	29
Portsmouth Hospitals University NHS Trust	08/06/2023						8	8	4	4
Royal Cornwall Trust	10/06/2021		1		8	0.3	2	29	1	16
Royal Preston Hospital	14/09/2022	1		1	9	0.7	3	45		15
Royal United Hospitals Bath NHS Foundation Trust	13/09/2022	5	3		17	2.7	3	48	1	12
Royal Wolverhampton NHS Trust	14/06/2021	2		1	21	1.0	2	61	1	27
Salisbury District Hospital	08/06/2022			2	7	0.7	3	16	1	8
Sheffield Teaching Hospitals NHS Foundation Trust	20/01/2022	2		1	35	1.0	7	115	2	27
Sherwood Forest NHS Foundation Trust	07/06/2023			1	1	0.3	2	2		
Somerset (NHS Foundation trust (Musgrove Park))	28/03/2022			3	12	1.0	7	65	1	20
South Tees NHS Foundation Trust	11/05/2022			3	22	1.0	7	43	4	21
South Tyneside And Sunderland NHS Foundation Trust	15/02/2022	1	4	1	26	2.0	3	44	1	13
South Warwick University Foundation Trust	25/11/2022	2	2		12	1.3		19		4
Southmead Hospital	25/10/2022	1	1	1	16	1.0	2	40	1	13
Southport & Ormskirk NHS Trust	09/03/2023		2		2	0.7	1	4		1
St George's University Hospitals NHS Foundation Trust	04/02/2022			1	24	0.3	9	126	6	46
Stepping Hill Hospital (Stockport)	13/09/2022	1			10	0.3		18		5
Swansea (Singleton Hospital)	26/05/2021	1		2	48	1.0	2	82		24
University College London	30/08/2022				1	0.0	3	50	2	26
University Hospital Southampton NHS Foundation Trust	19/07/2021	3	1		17	1.3	5	70	3	19
University Hospitals Bristol and Weston NHS Foundation Trust	29/03/2023	2			2	0.7	3	6		
University Hospitals Dorset NHS Foundation Trust	02/02/2022	1	4	1	43	2.0	5	133		28
University Hospitals Of Leicester NHS Trust	14/07/2021		2	2	27	1.3	3	39		8
Walsall Trust	10/05/2023			1	1	0.3	2	2	1	1
West Hertfordshire Teaching Hospitals NHS Trust	13/06/2023			2	2	0.7	3	3	1	1
West Middlesex Hospital	21/07/2021				31	0.0		71		4
Western Sussex Hospitals NHS Foundation Trust	18/11/2021		4		22	1.3		56		9
Whittington Hospital	21/04/2022	3	2		23	1.7	1	57		8
Wye Valley NHS Trust	03/03/2023			1	1	0.3	3	7		2
Grand Total		55	63	59	1124	59.0	165	2998	57	831



The top recruiting sites in June were:

Chelsea & Westminster, Epsom and St Helier, Guys & St Thomas', Manchester, Mid Yorkshire, Somerset and South Tees!



George Elliot

we look forward to working with you!

Certificates and small treats are on their way to sites who have recruited consistently in April, May and June. Look out for the post!

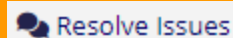


Sherwood Forest, West Herts, Walsall, and Wye Valley for recruiting your first randomised participants! Keep up the good work!

Data completeness June 2023

	BASELINE				TWO		OUTCOMES											
	EQ5D		Maternal details		WEEK CONTACT		Maternal details		Antenatal outpatient		Antenatal inpatient		Antenatal scans		Maternal outcomes		Neonatal outcomes	
	Rand	Obs	Rand	Obs	Rand	Obs	Rand	Obs	Rand	Obs	Rand	Obs	Rand	Obs	Rand	Obs	Rand	Obs
Aneurin Bevan University Health Board	100%	100%	100%	100%	100%	80%	100%	100%	100%	100%	100%	100%	100%	100%	75%	100%	100%	100%
Birmingham Women's and Children's NHS Foundation Trust	100%	93%	100%	95%	74%	52%	67%	58%	67%	53%	67%	53%	52%	53%	62%	56%	57%	53%
Blackpool Teaching Hospitals NHS Foundation Trust	100%	100%	100%	100%	100%	100%												
Bradford Teaching Hospitals NHS Foundation Trust	100%	100%	100%	100%	86%	83%	82%	63%	100%	97%	73%	87%	64%	63%	73%	80%	73%	80%
Buckingham Healthcare Trust (Stoke Mandeville)	100%	93%	100%	100%	69%	67%	100%	89%	93%	89%	93%	89%	93%	89%	100%	89%	100%	89%
Cardiff Bay Hospital	100%	84%	100%	95%	83%	71%	88%	94%	88%	88%	88%	88%	88%	88%	88%	88%	88%	94%
Chelsea and Westminster Hospital	97%	100%	100%	100%	73%	78%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%
Chesterfield Royal	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
County Durham and Darlington NHS Foundation Trust	100%	100%	100%	86%	100%	67%	100%	60%	100%	80%	100%	60%	100%	80%	100%	80%	100%	80%
Doncaster and Bassetlaw	100%	100%	100%	100%	100%	92%	100%	100%	75%	78%	75%	78%	50%	78%	25%	75%	25%	75%
East Lancashire Hospitals NHS Trust	100%	100%	100%	100%	100%	88%	100%	100%	88%	100%	88%	100%	88%	100%	88%	100%	88%	100%
East Suffolk and North Essex NHS Foundation Trust -	100%	96%	100%	100%	90%	90%	100%	93%	93%	93%	93%	100%	93%	100%	93%	100%	93%	100%
Epsom and St Helier University Hospitals NHS Trust	100%		100%		50%													
Guy's and St Thomas' NHS Foundation Trust	100%	100%	100%	100%	86%	89%	100%	100%	99%	100%	99%	100%	99%	100%	97%	100%	97%	100%
Homerton University Hospital NHS Foundation Trust	100%	100%	100%	100%	95%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hywel Dda Health Board	100%	100%	100%	60%	100%	100%	76%	60%	76%	60%	76%	60%	76%	60%	71%	60%	71%	60%
Kingston Hospital NHS Foundation Trust	100%	100%	100%	100%	100%	100%	93%	100%	93%	100%	92%	100%	93%	100%	93%	100%	93%	100%
Lancashire Teaching Hospitals NHS Foundation Trust	100%	100%	100%	100%	88%	87%	100%	100%	100%	92%	100%	92%	100%	92%	100%	92%	100%	100%
Leeds Teaching Hospitals NHS Trust	100%	94%	100%	97%	96%	93%	100%	96%	100%	96%	100%	96%	100%	96%	100%	96%	100%	96%
Liverpool Women's NHS Foundation Trust	100%	100%	100%	100%	92%	86%	100%	100%	43%	61%	43%	61%	43%	50%	43%	50%	29%	50%
Manchester University NHS Foundation Trust	100%	94%	100%	100%	60%	52%	97%	90%	100%	90%	99%	90%	96%	90%	97%	95%	97%	95%
Mid Yorkshire NHS Trust	100%	100%	100%	100%	68%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
North Bristol NHS Trust (Southmead Hospital)	100%	100%	100%	100%	92%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
North West Anghia NHS Foundation Trust	100%	100%	100%	100%	100%	69%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	83%
Northumbria Health Care NHS Trust	100%	100%	100%	100%	100%	80%												
Nottingham University Hospitals NHS Trust	100%	100%	100%	94%	88%	73%	92%	63%	96%	25%	92%	25%	75%	13%	96%	63%	100%	63%
Oxford University Hospitals NHS Foundation Trust	100%	100%	100%	100%	63%	88%	100%	100%	89%	90%	89%	90%	84%	90%	89%	90%	89%	90%
Portsmouth Hospitals University NHS Trust		100%		100%		0%												
Royal Cornwall Trust	100%	100%	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Royal United Hospitals Bath NHS Foundation Trust	100%	92%	100%	100%	71%	70%	100%	56%	100%	56%	100%	56%	100%	56%	25%	11%	25%	11%
Royal Wolverhampton NHS Trust	100%	100%	100%	100%	81%	80%	93%	95%	100%	100%	100%	100%	93%	100%	93%	100%	100%	100%
Salisbury District Hospital	100%	100%	100%	100%	100%	83%	100%	100%	100%	100%	100%	75%	100%	100%	100%	100%	100%	100%
Sheffield Teaching Hospitals NHS Foundation Trust	97%	100%	100%	93%	76%	96%	96%	85%	96%	85%	96%	85%	80%	75%	96%	95%	96%	95%
Sherwood Forest NHS Foundation Trust	100%		100%															
Somerset NHS Foundation trust (Musgrove Park)	100%	100%	100%	100%	100%	88%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
South Tees NHS Foundation Trust	100%	100%	100%	100%	90%	67%	87%	86%	87%	86%	87%	86%	87%	86%	87%	86%	87%	86%
South Tyneside And Sunderland NHS Foundation Trust	100%	100%	100%	100%	80%	70%	100%	88%	100%	88%	100%	88%	100%	88%	100%	88%	100%	88%
South Warwick University Foundation Trust	100%	100%	100%	100%	82%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Southport & Ormskirk NHS Trust	100%	100%	100%	100%	100%	100%												
St George's University Hospitals NHS Foundation Trust	100%	96%	100%	100%	78%	81%	100%	100%	100%	90%	100%	100%	100%	100%	100%	100%	100%	100%
Stepping Hill Hospital (Stockport)	100%	100%	100%	100%	88%	60%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea (Singleton Hospital)	100%	100%	100%	100%	97%	93%	100%	100%	100%	100%	100%	100%	95%	100%	98%	100%	100%	100%
University College London	100%	77%	100%	88%	100%	76%	100%	80%	100%	80%	100%	80%	100%	73%	100%	67%	100%	67%
University Hospitals Bristol and Weston NHS Foundation	100%		100%		100%													
University Hospitals Dorset NHS Foundation Trust	100%	100%	100%	100%	94%	92%	100%	100%	100%	95%	100%	100%	94%	95%	97%	100%	97%	100%
University Hospitals Of Leicester NHS Trust	100%	100%	100%	88%	80%	75%	95%	60%	100%	100%	77%	80%	86%	80%	95%	80%	91%	80%
University Hospital Southampton NHS Foundation Trust	100%	100%	100%	100%	75%	42%	100%	100%	90%	80%	100%	80%	90%	80%	100%	80%	100%	80%
Walsall Trust	100%	100%	100%	100%														
West Hertfordshire Teaching Hospitals NHS Trust	100%	100%	100%	100%														
West Middlesex Hospital	100%	100%	100%	100%	97%	75%	100%	100%	96%	100%	96%	100%	93%	100%	96%	100%	96%	100%
Western Sussex Hospitals NHS Foundation Trust	100%	89%	100%	100%	78%	75%	100%	100%	100%	100%	100%	100%	80%	100%	100%	75%	100%	75%
Whittington Hospital	100%	78%	100%	89%	55%	78%	89%	44%	57%	44%	50%	44%	46%	44%	54%	44%	54%	44%
Wye Valley NHS Trust	100%	100%	100%	100%	100%	50%												
Total	100%	97%	100%	98%	80%	80%	96%	89%	95%	88%	94%	88%	90%	85%	93%	87%	93%	87%

THANK YOU for working hard to complete the data on REDcap, it's great to see so many completed data sets. If you have any questions, queries or need any help and support with this — please contact Abbie, Dani, Jenie or Hilary, we are always happy to help.



Queries Update!

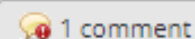
Hi everyone,

Just to keep you updated, a further 422 queries have been raised in so far in July so please can I ask everyone to take a look at their REDCap accounts and resolve any that are outstanding. The majority of these are forms that are yet to be entered.

As always if you have any questions or concerns, please don't hesitate to drop me an email!

Thanks all,

Abbie Evans



Professor Lucy Chappell, Chief Investigator
Professor Jenny Myers, Co-Chief Investigator
Lisa Leighton, Senior Trial Manager (BCTU)
Mon-Fri | giant-panda@trials.bham.ac.uk & l.j.leighton@bham.ac.uk
Abbie Evans, Senior Data Manager (BCTU)
Mon-Fri | giant-panda@trials.bham.ac.uk & a.evans.10@bham.ac.uk
Jenie Sparkes, Lead Research Midwife
Mon-Fri | jenie.sparkes@kcl.ac.uk
Hilary Thompson, Senior Research Midwife
Tues/Thurs/Fri | hilary.thompson@gstt.nhs.uk
Danielle Ashworth, NIHR Clinical trials fellow
Mon/Weds/Thurs | danielle.c.ashworth@kcl.ac.uk

