

# ENCHANTED News

Enhanced Control of Hypertension and Thrombolysis Stroke Study

February 2018

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**Happy New Year!**

**May 2018 be a  
great year, and**

**bring you**

**JOY,**

**PEACE**

**&**

**HAPPINESS**

## Last months of recruitment—Keep up your great work!!!

To remind you, these are our **key eligibility criteria**:

1. Patients with acute ischaemic stroke for whom rt-PA thrombolysis is indicated and planned, no matter what dose
2. Baseline BP  $\geq$  150mmHg
3. Commence allocated treatment within 6 hours of stroke onset

## Brain imaging requirements

As a key secondary outcome for patients in ENCHANTED is the degree of symptomatic intracranial haemorrhage, you must order the correct MRI sequences if you opt to perform MRI rather than CT. To reliably detect haemorrhage we need a **Gradient Echo sequence**, often referred to as **GRE or T2\***. Without a T2\* sequence, it can be difficult to adjudicate the presence or absence of haemorrhage.

We also recommend you order a **diffusion weighted imaging sequence** as this allows us to determine whether the bleeding was within the infarct area. It can be surprisingly difficult to identify bleeding on the structural imaging sequences of T1, T2 or FLAIR.



*Sydney welcomes 2018*



# Message from Professor Richard Lindley

Honorary Professional Fellow, Neurological & Mental Health Division (Injury, Frailty and Disability)

As we approach the final few months of ENCHANTED BP arm recruitment I'd like to congratulate our Indian sites for their very successful start, with 27 patients now recruited. Our initial BP data from these sites indicates an excellent BP difference of 14mmHg at one hour, second only to Italy. In our final few months of recruitment, obtaining large BP differences between those allocated BP lowering versus control will increase the statistical power of the study. As we prepare for closeout later in the year, we remind all sites to upload your trial brain imaging, as the adjudication of any haemorrhagic complications is a key part of the trial (and provided a statistically significant result in the rt-PA dose arm of the study).

When ordering Magnetic Resonance imaging, please remember to order the GRE/T2\* or SWI required to reliably detect haemorrhagic complications. Haemorrhagic transformation is part of the natural history of ischaemic stroke and can occur very early after stroke onset. It is vital that we measure this accurately.

Our plans for trial close out and publication include the Steering Committee reviewing the confidential preliminary results prior to the Montreal World Stroke Conference in October 2018, with preparation of the publication and public presentation planned to coincide with the ISC 2019 in Honolulu, USA (February 6-8, 2019).



## *Global Recruitment*


2170 patients have recruited into the blood pressure arm of the ENCHANTED study as of 14th February 2018. Recruitment is ongoing.

## *Study Completion*

Please note that if your site remains open, **30<sup>th</sup> April 2018** is the last date a patient will be randomised on the study worldwide. With this being the last date for recruitment, the follow ups will be completed by **31st July 2018**.

## *Next Steps*

Close Out Visits to sites to be finalised with all sites.

Country	Site Name	Brain Images Scanned (%)
Brazil	1669 Hospital das Clínicas de Ribeirão Preto	95
United Kingdom	289 University Hospital of N.Staffordshire	93
United Kingdom	285 Royal Devon and Exeter Hospital	91
United Kingdom	538 Princess Royal University Hospital	88
China	1644 Second Affiliated Hospital,Suzhou University	87
United Kingdom	526 Charing Cross Hospital	86
Vietnam	3192 Gia Dinh People's Hospital	85
China	1652 Hejian County Hospital, Hebei Province	83
United Kingdom	917 Nottingham University Hospitals	83
China	601 Baotou Central Hospital	82
Chile	767 Clinica Alemana	80
China	1655 Xuzhou Central Hospital 	79
China	3643 Affiliated Hospital of Jining Medical University	78
China	1653 Yutian County Hospital, Hebei Province	78
Vietnam	3159 The People's Hospital 115	77

## Top Brain Image Scanners


*Please complete eCRF's and upload brain images for all your patients as to avoid delays of final payment*

## Top eCRF Completed Sites

Country	Site Name	Completed CRF's (%)
China	3643 Affiliated Hospital of Jining Medical University	94
China	1644 Second Affiliated Hospital,Suzhou University	93
UK	538 Princess Royal University Hospital	92
China	1655 Xuzhou Central Hospital 	92
UK	285 Royal Devon and Exeter Hospital	91
UK	3121 Kings College Hospital NHS Foundation Trust	91
UK	917 Nottingham University Hospitals	89
Brazil	1673 Hospital das Clinicas de Porto Alegre	87
UK	823 St. George's Hospital	86
China	601 Baotou Central Hospital	82
China	2381 Bao Gang Hospital	81



**Well done,  
Xuzhou  
Central  
Hospital  
(1655), China**

Country	Site Name	Number of recruitments in 2017
China	1655 Xuzhou Central Hospital 	145
China	666 The 2nd Affiliated Hospital of Hebei Medical University	37
China	3732 People's Hospital of Boluo County	36
China	692 The Chinese PLA No.263 Hospital	34
Vietnam	3154 Bach Mai Hospital	32
China	3728 Zhongda Hospital Southeast University	30
Vietnam	3159 The People's Hospital 115	27
China	1653 Yutian County Hospital, Hebei Province	25
Brazil	3714 Hospital Governador Celso Ramos	19
Brazil	1673 Hospital das Clinicas de Porto Alegre	16

## Top 10 Recruiters of 2017