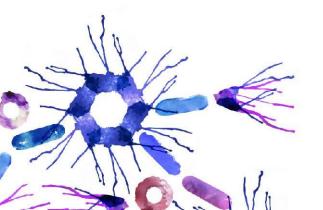






Cladribine to halt deterioration in people with advanced MS

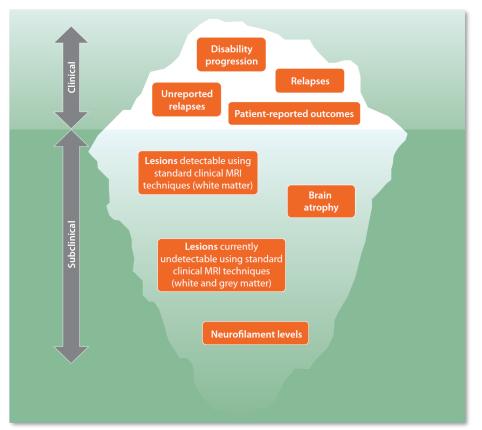


Contact:

chariot@qmul.ac.uk www.chariotms.com

NCT 04695080 IRAS # 258909





Treat early!







Brain Health: Time matters in multiple sclerosis. http://msbrainhealth.org/perch/resources/time-matters-in-ms-report-may16.pdf

What is early?







https://www.chariotms.com/

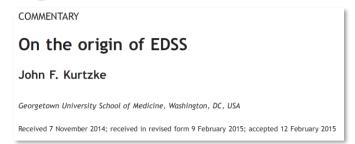
Advanced MS

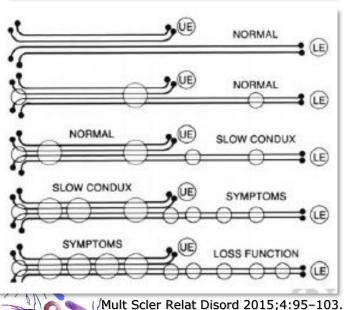


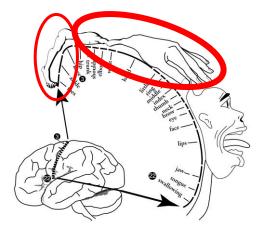
CHARI**©**T



MS lesions can hit long tracts in more places than short ones, legs/bladder/bowel functions are therefore at higher risk than arms!







55% of corticospinal tract axons terminate at the cervical level.

Schieber MH. J Neurophysiol 2001;86:2125-43.



Mult Scler Relat Disord 2017;12:70-78.



Multiple Sclerosis Top 10



- 1. Which treatments are effective to slow, stop or reverse the accumulation of disability associated with MS?
 - 2. How can MS be prevented?
- 3. Which treatments are effective for fatigue in people with MS?
 - 4. How can people with MS be best supported to self-manage their condition?
- 5. Does early treatment with aggressive disease modifying drugs improve the prognosis for people with MS?
 - 6. Is Vitamin D supplementation an effective disease modifying treatment for MS?
- 7. Which treatments are effective to improve mobility for people with MS?
- 8. Which treatments are effective to improve cognition in people with MS?
- 9. Which treatments are effective for pain in people with MS?
 - 10. Is physiotherapy effective in reducing disability in people with MS?

Cladribine to halt deterioration in people with advanced multiple sclerosis







Seed corn funders





Morris-Saady Charitable Trust



Efficacy and Mechanism Evaluation Programme

Society

















Why Cladribine?



- Effective in pwRMS (phase III evidence)^{1,2}
- Effective in pwPMS (phase II evidence)³⁻⁵
- Convenient: immune reconstitution therapy, rapid elimination, no drug-drug interactions, drug free pregnancy^{6,7}
- CNS penetrant: kills non-/dividing lymphocytes^{8,9}
- Safe: risk of infections mitigated by personalized dosing^{6,7}; cancer risk not exceeding other DMTs¹⁰; no secondary autoimmunity¹¹; licensed for relapsing MS^{1,12}; favourable COVID-19 safety profile¹³







Therapeutic Advances in Neurological Disorders

Original Research

Subcutaneous cladribine to treat multiple sclerosis: experience in 208 patients

Kimberley Allen-Philbey*, Stefania De Trane*, Zhifeng Mao, Cesar Álvarez-González, Joela Mathews, Amy MacDougall, Andrea Stennett, Xia Zhou, Ozlem Yildiz, Ashok Adams, Lucia Bianchi, Camilla Blain, Christine Chapman, Karen Chung, Cris S Constantinescu, Catherine Dalton, Rachel A Farrell, Leonora Fisniku, Helen Ford, Bruno Gran, Jeremy Hobart, Zhaleh Khaleeli, Miriam Mattoscio, Sue Pavitt, Owen Pearson, Luca Peruzzotti-Jametti, Antonio Scalfari, Basil Sharrack, Eli Silber, Emma C Tallantyre, Stewart Webb, Benjamin P Turner, Monica Marta, Sharmilee Gnanapavan, Gunnar Juliusson, Gavin Giovannoni, David Baker and Klaus Schmierer

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Correspondence to: Klaus Schmierer Neuroscience, Clinical Board Medicine, The Royal London Hospital, Barts



CHARIOT MS

CSF Neurofilament light chain levels

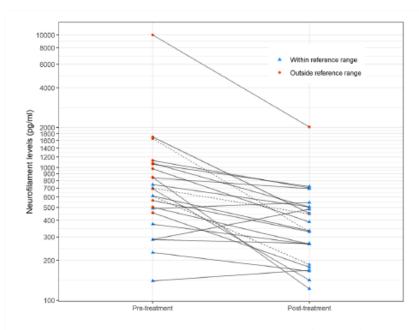
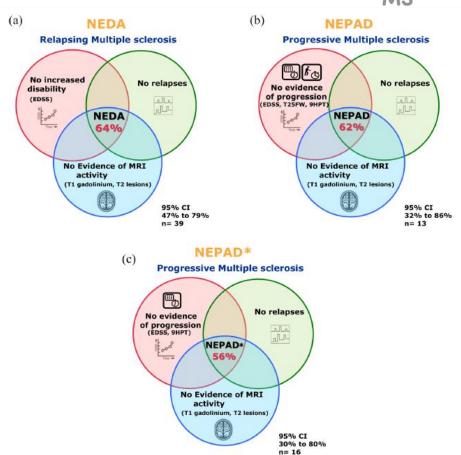
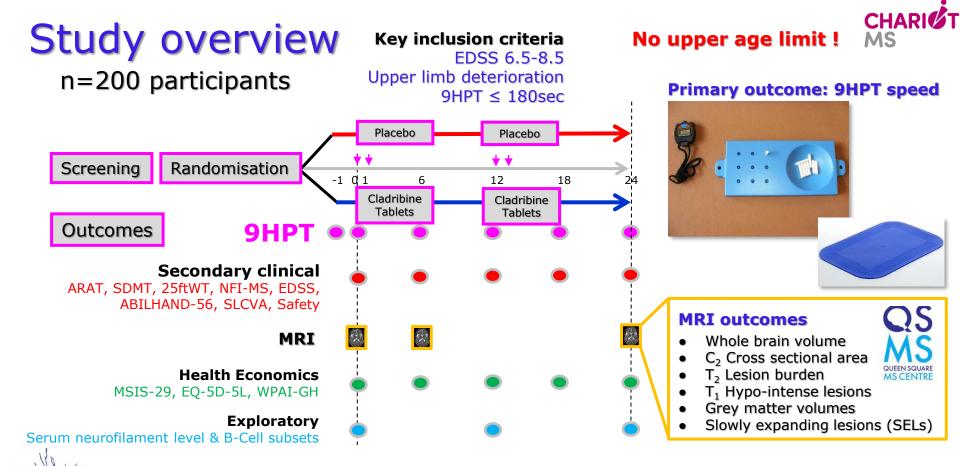


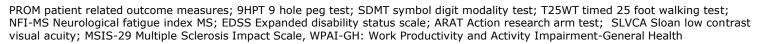
Figure 6. Cerebro-spinal fluid neurofilament light chain (CSF-NfL) levels in 23 patients with MS before and after treatment with Litak®.











Cladribine to halt deterioration in people with advanced multiple sclerosis *NCT04695080*

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STOUP · 15 participants

Add group description

Created by You, 11/01/2022

20 trial sites open now!

More information:

www.chariotms.com

Contact:

chariot@qmul.ac.uk

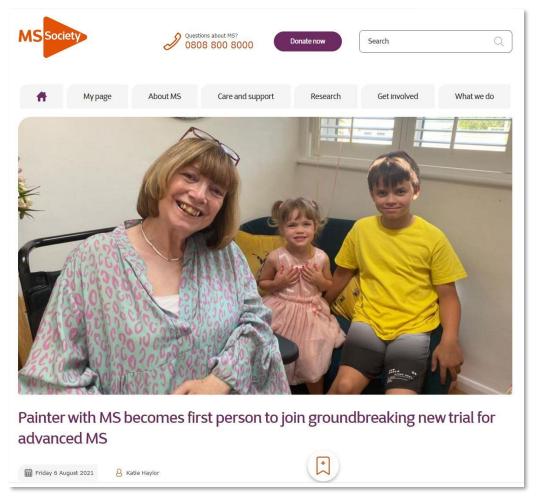
bartshealth.chariotms@nhs.net

Green = Actively recruiting
Pink = To be activated soon









Woodridge man joins world-first multiple sclerosis clinical trial

Abygail Fossett













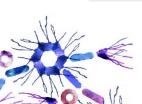
Tim Joseph has been living with MS since 2000. He is taking part in a clinical trial, which he hopes will allow him to continue his passion for 'chariot' driving for as long as he can. - Credit: Event to Event

A Woodbridge man with multiple sclerosis has joined a clinical trial which is the first of its kind ever conducted.

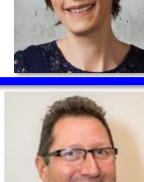
Tim Joseph, 60, has been taking part in the trial since December last year. He is hopeful that the treatment will allow him to continue his passion of carriage – or 'chariot' – driving for as long as possible.

















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