

Personal Information

Name: **Stefania De Trane**

Gender: **Female**

Professional Registrations

- General Medical Council: Full licence to practice, 9th Jul 2015. Registration N: 7500380
- Ordine dei Medici Chirurghi di Lecce (Italy): Full licence to practice, 6th Mar 2012. Registration N: 7592
- British Society of Rehabilitation Medicine (BSRM), 2015
- Ente Nazionale di Previdenza ed Assistenza dei Medici e Odontoiatri, ENPAM, (Italy), 2012
- Società Italiana Medicina Fisica e Riabilitativa (SIMFER) 2021

Qualifications

Date	Title	Details
June 2016	Specialist in Rehabilitation Medicine	School of Rehabilitation Medicine University Hospital of Bari, Italy Grade/result: 70/70 cum laude
June 2012	Specialty Registrar in Rehabilitation Medicine	University Hospital of Bari, Italy Grade/result: 87.65/100
March 2012	Medical Doctor – full license to practice	University Hospital of Bari, Italy Grade/result: 268,25/ 270
October 2011	Bachelor of Medicine & Bachelor of Surgery (MBBS)	University Hospital of Bari, Italy Grade/result: 106/110 Dissertation title: “Postural Instability in Demyelinating Disease”
July 2010- June 2012	Foundation Doctor “Tirocinio formativo”	Internal medical rotation University Hospital of Bari

Work Experience

Current activity since June 2020

Job title: Dirigente Medico - Aiuto - Specialista in Medicina Fisica e Riabilitazione, Neurological Rehabilitation Unit and Spinal Unit at the Istituti Clinici Scientifici Maugeri, Via Generale Nicola Bellomo, 73/75 - 70124, Bari (BA), Italy.

Managerial duties

- Wound Care Team Coordinator
- Spasticity Team Coordinator
- Member of the CTS (comitato tecnico Scientifico) Maugeri, Bari.

Research duties

- Scientific Representative for the Maugeri Institute- Bari

June 2019 – June 2020

- **Job title:** Consultant in Rehabilitation Medicine (Neurorehabilitation) at the Neuro-Rehabilitation Unit, Neurorehabilitation and Therapy services department at the National Hospital for Neurology and Neurosurgery (NHNN), University College of London Hospital (UCLH).

Managerial duties

Rehabilitation Medicine lead for the service.

Clinical duties

Clinical responsibility for the level 1 neurorehabilitation unit (NRU), and patient assessment for admission to this unit. Lead the assessment of neuro rehabilitation inpatients admitted from out-patient rehabilitation clinics and the in-patient neurorehabilitation referral round. Participate in multidisciplinary assessments for admission to the NRU of patients currently cared for in UCLH or in other hospitals.

Work within the Spasticity Management team specifically with responsibilities in managing patients with intrathecal baclofen pumps and administering botulinum toxin.

Undertake regular rounds on the neurorehabilitation unit.

Review, with the multidisciplinary team (MDT), patients currently in UCH and NHNN referred for consideration of inpatient rehabilitation.

Review patients referred to the NRU from other hospitals with support from the MDT.

Provide Consultant input to the outpatient rehabilitation clinic as needed.

Run a twice monthly Multidisciplinary team intrathecal baclofen pump daycare list for refill and review.

Support the spasticity team including administering botulinum toxin to inpatients on NRU as needed.

Attend weekly goal review meetings with the MDT.

Attend family meetings, case conferences, discharge planning meetings.

Be clinical supervisor for Rehabilitation Medicine trainees attached to the department.

Lead of the following outpatient clinics: Intrathecal baclofen and phenol clinic, cerebral palsy clinic, upper limb spasticity clinic and inpatient spasticity clinic.

Research duties

Fully contribute to the research activities within the department

Co- investigator in the PATTERN study, a Prospective, randomized, double-blind, placebo-controlled, multicentre study to investigate the efficacy and safety of NT 201 in the treatment of lower limb spasticity caused by stroke or traumatic brain injury in adult subjects, followed by an open label extension with or without combined upper limb treatment.

Teaching duties

Contribute to the teaching of medical students and trainee neurologists, stroke physicians and rehabilitation medicine physicians and participate in weekly postgraduate meetings of the therapy and rehabilitation department as well as audit, governance and training meetings.

Clinical Supervisor for Rehab Medicine Trainees and junior doctors attached to the NRU, as well as botulinum toxin trainer for junior doctors.

Sep 2017 – June 2019

- **Job title:** Honorary Clinical Assistant with the Barts Health NHS Trust; Clinical Research Fellow at Queen Mary University of London (QMUL).

Clinical duties

Clinical management of patients on the Neurology Programmed Investigation Unit (PIU), conducting the outpatient Neurodisability Clinic and MDT spasticity inpatient ward round. Member of the MDT of the transitional and paediatrics Botulinum Toxin Clinic and of the neurodisability referral ward round at Royal London Hospital, under the lead supervision of Dr C. Liu. Clinical management of the outpatients of sub-specialist clinics for general neurology, motoneuron disease, multiple sclerosis, neuroinflammatory disease, migraine management, under the lead supervision of Dr K Schmierer, A. Radunovick, B. Turner.

Research duties

Co- investigator and responsible for the day-to-day running of commercial and investigator-led clinical trials in the Clinical Research Centre, recruitment, screening and consent of subjects for clinical trials in MS, dementia and motoneuron disease. Development and implementation of a translational research programme on the pathology, pathophysiology, gene and immune function (and its modulation through interventions) in multiple sclerosis. Data collection and analysis, and dissemination of the research results to national and international meetings. Supervision and training of new members of the research team.

- Audits: participation in clinical audits with the purpose of exploring the nationwide practice for treatment decision in MS with the aim of developing a standardised DMT algorithm to timely access disease-modifying treatments (DMTs) in MS.

Teaching duties

Facilitator and examiner in Problem Based-Learning (PBL) and Objective Structured Clinical Examination (OSCE) for medical students. Training and education of medical staff by medical lectures, active participation to CPD meetings and Neuroscience meetings; clinical teaching of medical procedures (BoTA intramuscular injections with EMG and ultrasound guidance, diagnostic lumbar puncture procedure with atraumatic needle, neurological examination, EDSS assessment, venepuncture) to medical students and to the staff of the PIU.

Division: Neuroscience and Trauma Department, Clinical trial Unit, Barts Health NHS Trust, Royal London Hospital Blizard Institute, Whitechapel, London, UK

Responsible to: Dr K. Schmierer, Prof G. Giovannoni, Dr C. Liu, and Dr B. Turner, A. Radunovick.

Jun 2016 – Aug 2017

- **Job title:** Honorary Clinical Assistant at the NRU and Outpatient department of the NHNN, UCLH, and Clinical Research Fellow in Neurology- Spasticity, National Institute for Health Research UCLH Clinical Research Facility, UCLH.

Research duties

Investigator in a “Phase II Proof of Concept (PoC) Study for the Treatment of Spasticity in Subjects with Multiple Sclerosis”, CANBEX study, integral role in the running of the trial, participant identification, and recruitment, detailed neurological examination and application of specific spasticity outcome measures. Data collection and analysis of an independent retrospective observational study on the safety and efficacy of Nabiximols in the treatment of MS related spasticity. Data collection, analysis, and dissemination of the research results to national and international meetings. Supervision and training of new members of the research team.

Clinical duties

Clinical management of the patients enrolled in the Canbex study, clinical assistant in the Neurorehabilitation Unit, participating in ward round, involvement in patient clerking, diagnosis, prognosis and treatment discussion. Participation as a member of the MDT in

referral ward rounds and sub-specialist clinics for neurodegenerative disorders, multiple sclerosis, general neurology, spasticity (generalised and focal spasticity and Intrathecal baclofen and phenol therapy), upper limb and walking impairments, custom orthotics service and facial palsy clinic.

Teaching duties

Training and education of medical staff by medical lectures, clinical teaching of medical procedures and detailed assessments (spasticity outcome measures, Modified Ashworth Scale, Tardieu scale) for the Canbex medical staff.

Division: Therapy and Rehabilitation Services, outpatient services at the NHNN, UCLH

Responsible to: Dr R Farrell, G Christofi

Jul 2012 – Jun 2016

Jun 2012 – Jun 2015

- **Job Title:** Specialty Registrar in Rehabilitation Medicine, UNIBA in Italy.
Internal medical rotation in neurological rehabilitation department, spinal cord injury rehabilitation unit, trauma centre, ITU and traumatic and acquired brain injuries department, rehabilitation unit for acute and post-acute stroke care, musculoskeletal, amputation surgery and rehabilitation of amputees unit, gait analysis laboratory, spasticity and pain service unit; Medical rotation in sub- specialist outpatient departments (cerebral palsy clinic, uro-urology clinic, ITB clinic, general rehabilitation clinic, botulinum toxin clinic, baropodometry and Gait analysis clinic.

Division: Rehabilitative Physical Medicine Operative Unit (Specialist NRU), Department of Basic Science, Neuroscience and Sense Organs, Stroke Unit, ITU, Neuroradiology department, Complex Operative Unit of Orthopaedic and Traumatology, University Hospital Consortium Corporation Polyclinic of Bari

Responsible to: M Megna, P Fiore, I Simone, B Moretti, A. Brienza. F. Bruno.

July 2015 – Jun 2016

- **Job Title:** Specialist Registrar in Rehabilitation Medicine, UNIBA, Italy/ Honorary Clinical Fellow, NHNN, UCLH
Visitor at the neuro-rehabilitation unit (NRU) at the NHNN, participating as part of the multidisciplinary team in the daily management of patients with neurological conditions, facilitating improvement in psychological, social and vocational/educational outcomes. Participation in the conduction of a Clinical audit, data collection and presentation of the outcomes with the aim of improving the neuropathic pain Management in the inpatient neuro-rehabilitation unit.

Division: University Hospital Consortium Corporation Polyclinic of Bari, National Hospital for Neurology and Neurosurgery, UCLH

Responsible to: D. Playford, R Farrell, UK; M Megna, and P. Fiore, Italy

Jun 2010 – Jun 2012

- **Job title:** Foundation Doctor – (equivalent: Internal medical rotation: “tirocinio formativo”)

Division: Via Kennedy Medical Practice

Location: Via Kennedy 70124, Bari (Italy)

Reporting to: Dr N Tommasi - Prof M Megna

Division: Department of Neurology and Hyperacute Stroke Unit, Motoneuron Disease and MS clinic.

Location: University Hospital Consortium Corporation Polyclinic of Bari

Reporting to: Prof M. Trojano, Prof I. Simone, Prof C. Tortorella
Division: Cardiology Department
Location: University Hospital Consortium Corporation Polyclinic of Bari
Reporting to: Prof M M Ciccone
Division: Complex Operative Unit of Orthopaedics and Traumatology
Location: University Hospital Consortium Corporation Polyclinic of Bari
Responsible to: Prof B Moretti

Medical skills and diagnostic/research procedures experience

- Evaluation and treatment of severe *generalised spasticity* with Intrathecal Baclofen in adult and paediatric patients affected by cerebral palsy, Multiple sclerosis and spinal cord injury.
- Evaluation and treatment of significant *sialorrhea* with Botulinum toxin glandular injections in patients affected by motoneuron disease, Multiple sclerosis or post stroke.
- Evaluation and treatment of severe *focal spasticity* with Botulinum toxin muscular injections with ultrasound and EMG guidance.
- Evaluation and treatment of *idiopathic scoliosis* in paediatric and adult patients
- Experience with prescription of *Nabiximols THC: CBD (Sativex)* and cannabis derived medicinal products and long-term evaluation of spasticity and pain in patients with Multiple sclerosis.
- Experience with prescription of *Fampyra* and long-term evaluation of walking abilities in patients with Multiple sclerosis.
- Experience with set up and application of *Functional Electrical Stimulation (FES)* and Neuromuscular electrical stimulation (NMES) for upper and lower limb rehabilitation in patients with several neurological conditions.
- Evaluation and treatment of *impaired gait pattern* by using Gait analysis device and foot scan in patients with several neurological conditions.
- Expert in performing *lumbar puncture* procedure by using the “atraumatic needle” for diagnostic and research purposes.
- Intra-articular and periarticular *steroid and analgesic injections* expert for pain management
- *Expanded Disability Scale Status Scale (EDSS)* expert rater for Multiple sclerosis multicentre randomised clinical trials.
- *Laryngoscopy* under supervision, UNIBA, Italy
- *Supra pubic catheter* changes, under supervision, UNIBA, Italy
- Changes of *tracheostomy* tubes, under supervision, UNIBA, Italy
- *Pelvic floor electromyography*, under supervision, UNIBA, Italy

Training/Courses 2014 – 2019

- Incobotulinum toxinA to treat chronic sialorrhea in Adults. Workshop for healthcare professionals
August 2019 – Merz Pharma. London, UK
- Acupuncture in pain management, training course for healthcare professionals
May 2019 – American Academy of Neurology - Philadelphia – US
- Cambridge Dementia Course
December 2018 – Cambridge, UK
- Joint injection Course, training course for healthcare professionals
November 2018 – London, UK

- Post Graduate Rehabilitation M1– Evidence Based Approach to Treating Spasticity following a stroke
September 2018 – Liverpool, UK
- Chronic Migraine Masterclass
June 2018 – London, UK
- Masterclass in Ultrasound and Guided Intervention Techniques
June 2018 – Liverpool, UK
- Post-Graduate Rehabilitation M2– Evidence based approach to treating spasticity following a stroke
April 2018 – Liverpool, UK
- Practical skills training for Post-Stroke complications, with a focus on Post-Stroke Spasticity
April 2018 – Liverpool, UK
- 18th Advanced Prosthetic and Amputee Course - British Society Rehabilitation Medicine -
March 2018 – London, UK
- Symptomatic Treatment and Rehabilitation in MS
June 2017 – ECTRIMS Summer School, Santiago De Compostela – Spain;
- Spasticity Management Course, a Multidisciplinary approach
February 2017 – NHNN, London, UK
- Advanced Life Support Course (ALS)
July 2016 – North Middlesex University Hospital, London, UK
- Ultrasound Assisted Botulinum Toxin A injection in the upper and lower limb
June 2016 – Cardiff, UK
- E.M.G. Localisation injector training
December 2015 – London, UK
- Good clinical Practice (GCP) e-learning Course
October 2017 – London, UK
- Rehabilitation of patients with Spinal Pathologies and Vertebral Deformities- ISICO
November 2014 – Milan– Italy

National and international meetings and presentations 2014 – 2021

- **ECTRIMS 2021 13-15 October 2021**
Oral presentation: “Up to 6 years follow-up of people with MS (n=250) receiving cladribine”
Authors: S. De Trane, K. Allen-Philbey, A. Stannet, O Yildiz, A. Adams, B. Turner, M. Marta, S. Gnanapavan, L. Bianchi, J. Mathews, MacDougall, G. Giovannoni, D. Baker, K. Schmierer
- **American Academy of Neurology 17-22 April 2021- Virtual AAN**
Poster Presentation: “Cladribine Personalised dosing for active multiple sclerosis: BartsMS cohort follow-up”
Authors: S. De Trane, K. Allen-Philbey, A. Stannet, O Yildiz, A. Adams, B. Turner, M. Marta, S. Gnanapavan, L. Bianchi, J. Mathews, G. Giovannoni, D. Baker, K. Schmierer
- **ACTRIMS 25-27 February 2021**
Poster presentation: “Cladribine Personalised Dosing to Treat Active Multiple Sclerosis - Follow-up in 250 patients”
Authors: S. De Trane, K. Allen-Philbey, A. Stannet, O Yildiz, A. Adams, B. Turner, M. Marta, S. Gnanapavan, L. Bianchi, J. Mathews, G. Giovannoni, D. Baker, K. Schmierer

- **MS Frontiers – July 2019 – Bath**

Oral presentation: Cladribine personalised dosing as an off-label immunotherapy at all stages of 'active' multiple sclerosis (n=211)

Authors: S. De Trane, K. Allen-Philbey, O Yildiz, A. Adams, B. P. Turner, M. Marta, S. Gnanapavan, M. Espasandin, L. Bianchi, J. Mathews, G. Giovannoni, D. Baker, K. Schmierer

Poster presentation: Severe skin reactions in people with multiple sclerosis, following Cladribine treatment

Authors: M Matteo, S Reyes, E O Toole, S De Trane, O Yildiz, K Allen-Philbey, J Matthews, D Baker, G Giovannoni, K Schmierer

- **Association of British Neurologists – May 2019 – Edinburgh**

Poster presentation: Treating biology vs treatment guidelines - off-label immunotherapy in people with multiple sclerosis

Authors: S De Trane, K. Allen-Philbey, O. Yildiz, A. Adams, B.P. Turner, M. Marta, M. Espasandin, J. Mathews, G. Giovannoni, K. Schmierer

- **American Academy of Neurology – April 2019 – Philadelphia – US**

Oral Presentation: 'Cladribine to treat Relapsing and Progressive Multiple Sclerosis - experience in >200 patients

Authors: S. De Trane, Z Mao, C Gonzalez, K Allen-Philbey, O Yildiz, T Champion, A Adams, B Turner, L Bianchi, M Marta, S Gnanapavan, M Espasandin, J Mathews, G Giovannoni, D Baker, K Schmierer

Poster Presentation: Severe skin reactions associated with cladribine treatment in patients with multiple sclerosis

Authors: M Matteo, S Reyes, E O Toole, S De Trane, O Yildiz, K Allen-Philbey, J Matthews, D Baker, G Giovannoni, K Schmierer

- **ECTRIMS 2018 - 34th Congress of the European Committee for Treatment and Research in Multiple sclerosis – Oct 2018 – Berlin – Germany**

Oral Presentation: Cladribine Personalised Dosing in people with MS (n>200) – four year experience in clinical care

Authors: S. De Trane, Z Mao, C. Alvarez- Gonzalez, K Allen- Philbey, O Yildiz, T Champion, A Adams, B Turner, S Gnanapavan, M Espasandin, J Mathews, G Giovannoni, D Baker, K Schmierer.

Poster presentation: Results of Phase II Proof-of-Concept Trial of VSN16R to treat Multiple Sclerosis related Spasticity

Authors: Rachel A. Farrell, David L. Selwood, David Baker, Canbex Trial Investigators (S. De Trane, et al)

- **MS Paris 2017 – Joint ECTRIMS – ACTRIMS Meeting – Oct 2017 – Paris – France**

Poster presentation: THC: CBD (Nabiximols) has a beneficial effect on resistant MS related spasticity and reduces the need for Intrathecal Baclofen

Authors: S. De Trane, K Buchanan, L Keenan, S Simeoni, L O' Brien, V Stevenson, R. Farrell

- **ECTRIMS Summer School – 'Symptomatic treatment and rehabilitation in MS' – Jun 2017 – Santiago De Compostela – Spain**

- **MS Frontiers – Jun 2017 – Edinburgh**

Oral presentation: THC: CBD (Nabiximols) has a beneficial effect on MS related spasticity and delays the need for Intrathecal baclofen

Authors: S. De Trane, K. Buchanan, L. Keenan, M. Liddicut, C. Valentine, V. Stevenson, R Farrell

Poster presentation: Modification of the Tardieu scale to measure lower limb spasticity in people with MS

Authors: S. De Trane, M. Liddicut, C. Valentine, K. Buchanan, R Farrell

- **Association British Neurologists – May 2017 – Liverpool**

Oral presentation: THC: CBD (Nabiximols) has a beneficial effect on MS related spasticity and delays the need for Intrathecal baclofen

Authors: S. De Trane, K. Buchanan, L. Keenan, M. Liddicut, C. Valentine, V. Stevenson, R Farrell

Poster presentation: Modification of the Tardieu scale to measure lower limb spasticity in people with MS

Authors: S. De Trane, M. Liddicut, C. Valentine, K. Buchanan, R Farrell

- **CNR Annual Poster Event – Dec 2016 – NHNN - London**

Oral presentation: Modification of the Tardieu scale to measure lower limb spasticity in people with MS

Authors: M. Liddicut, C. Valentine, S. De Trane, K. Buchanan, R Farrell

Poster Presentation: THC: CBD (Nabiximols) has a beneficial effect on Self-report of Multiple Sclerosis related spasticity

Authors: S. De Trane, K. Buchanan, L. Keenan, M. Liddicut, C. Valentine, V. Stevenson, R Farrell

- **32nd Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS) 21st Annual Conference of Rehabilitation in MS – Sep 2016 – London**

Poster presentation: THC: CBD (Nabiximols) has a beneficial effect on Self-report of Multiple Sclerosis related spasticity

Authors: S. De Trane, K. Buchanan, L. Keenan, M. Liddicut, C. Valentine, V. Stevenson, R Farrell

Poster presentation: Modification of the Tardieu scale to measure lower limb spasticity in people with MS

Authors: M. Liddicut, C. Valentine, S. De Trane, K. Buchanan, R Farrell

- **Spasticity Management Study Day – Feb 2016 – University College London Hospital**

Oral presentation: Sativex – National Hospital for Neurology and Neurosurgery experience

Autors: S. De Trane, Rachel Farrell

- **Euro Mediterranean Rehabilitation Summer School (MRSS European Congress) –Nov 2015 – Siracuse- Italy**

Oral Presentation: Efficacy of robotic assisted treadmill training (RATT) with Reo-Ambulator® in patients with spinal cord injury: preliminary experiences

Authors: E.Romanelli, S. De Trane, P. Fiore, M. Megna

- **National Congress SIRN (Italian Society of Neurological Rehabilitation) – May 2014 – Rome Italy**

Poster presentation: Use of tDCS in Intensive Care. Presentation of a clinical case

Authors: S. De Trane, S. Damiani, P. Fiore, M. Megna

Poster presentation: Evaluation of the effectiveness of the training of robotic walking in a patient with suspected demyelinating polyneuritis and lumbosacral and cervical radiculopathy: a case report

Authors: S. De Trane, S. Damiani, M. Megna, P. Fiore

Language Proficiency

Italian: native Proficiency

English: full professional Proficiency

Spanish: full professional Proficiency

Publications

1. **Treating the ineligible: Disease modification in people with multiple sclerosis beyond NHS England commissioning policies.**

Authors: Mao Z, Álvarez-González C, Allen-Philbey K, **De Trane S**, Yildiz O, Campion T, Adams A, Turner BP, Marta M, Gnanapavan S, Espasandin M, Mathews J, Giovannoni G, Baker D, Schmierer K. **Mult Scler Relat Disord**. 2019 Jan;27:247-253. doi: 10.1016/j.msard.2018.11.001. Epub 2018 Nov 2. PMID: 30419510

2. Subcutaneous cladribine to treat multiple sclerosis: experience in 208 patients

Authors: 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, Klaus Schmierer

Therapeutic Advances in Neurological Disorders. November 25, 2021
doi.org/10.1177/17562864211057661

3. Therapeutic Exercise and Conservative Injection Treatment for Early Knee Osteoarthritis in Athletes: A Scoping Review

Authors: Lucrezia Tognolo, Maria Chiara Maccarone, **Stefania De Trane**, Anna Scanu, Stefano Masiero, Pietro Fiore. *Medicina* 2022, 58(1), 69; doi.org/10.3390/medicina58010069

4. Intensive Neurofeedback-based Training to Improve Impaired Attention and Executive

Functions Secondary to Resection of Tuberculum Sellae Meningioma: A Case Study

Authors: Gianvito Lagravinese, Rodolfo Sardone, **Stefania De Trane**, Fabiana Montenegro, Ernesto Losavio, Pietro Fiore, Petronilla Battista.

NeuroRegulation. 2021. DOI: [10.15540/nr.8.3.149](https://doi.org/10.15540/nr.8.3.149)

5. Evidence for a Window of Enhanced Plasticity in the Human Motor Cortex Following Ischemic Stroke

Authors: Brenton Hordacre, Duncan Austin, Katlyn E Brown, Lynton Graetz, Isabel Pareés, Stefania De Trane, Ann-Maree Vallence, Simon Koblar, Timothy Kleinig, Michelle N McDonnell, Richard Greenwood, Michael C Ridding, John C Rothwell

Neurorehabil Neural Repair. 2021 Apr;35(4):307-320. doi: 10.1177/1545968321992330. Epub 2021 Feb 12.

6. Severe skin reactions associated with cladribine in people with multiple sclerosis

Authors: Mateo-Casas M, Reyes S, O'Toole EA, De Trane S, Yildiz O, Allen-Philbey K, Mathews J, Baker D, Giovannoni G, Schmierer K.

Mult Scler Relat Disord. 2020 Aug;43:102140. doi: 10.1016/j.msard.2020.102140. Epub 2020 Apr 28. PMID: 32454296

7. Severe lymphopenia after subcutaneous cladribine in a patient with multiple sclerosis: To vaccinate or not?

Authors: Mateo-Casas M, Reyes S, De Trane S, Edwards F, Espasandin M, Anjorin G, Baker D, Schmierer K, Giovannoni G.

eNeurologicalSci. 2020 Oct 9;21:100279. doi: 10.1016/j.ensci.2020.100279. eCollection 2020 Dec. PMID: 33163633

8. Cladribine: Off-label disease modification for people with multiple sclerosis in

resource-poor settings?

Authors: Mao Z, Álvarez-Gonzalez C, De Trane S, Yildiz O, Albor C, Doctor G, Soon D, Pepper G, Turner BP, Marta M, Mathews J, Giovannoni G, Baker D, Schmierer K.

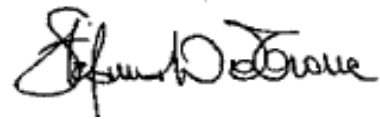
Mult Scler J Exp Transl Clin. 2018 Jun 26;4(2):2055217318783767. doi: 10.1177/2055217318783767. eCollection 2018 Apr-Jun. PMID: 30090639

9. “Cervical spine manipulations and adverse events: an overview of the literature”

Authors: Andrea Bernetti, Raffaele La Russa, Francesco Agostini, Stefania De Simone, Giacomo Farì, Pierangela Ruiu, **Stefania De Trane**, Michele Karaboue, Massimiliano Mangone, Valter Santilli, Pietro Fiore [paper submitted under review]

Date: 25/01/2022

Signature

A handwritten signature in black ink, appearing to read 'Stefania De Trane', written in a cursive style.