

North West Rheumatology Club Winter Meeting 2024

Friday 6 December 2024
Hyatt Regency Manchester, M15 6PQ

Hosts: Team from St Helens and Knowsley,
Mersey and West Lancashire NHS Trust

Organising committee:

Dr Audrey Low, Salford Royal Hospital, Northern Care Alliance NHS Foundation Trust
Dr Jennifer Nixon, TPD Mersey Deanery, Countess of Chester Hospital NHS Foundation Trust
Dr Rachel Gorodkin, TPD NW Deanery, Manchester Royal Infirmary
Dr Mia Rodziewicz, StR representative NW deanery
Dr Taqdees Suhail, StR representative Mersey deanery

Morning Workshop – Critical Appraisal Skills

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| 08:30 – 09:00 | Coffee and registration / poster set-up |
| 09:00 – 09:15 | Welcome and housekeeping AM – Dr Audrey Low, Dr M Rodziewicz, Dr T Suhail |
| 09:15 – 10:15 | An introduction to critical appraisal – Dr Jenny Humphreys |
| 10:15 – 10:45 | Practical exercise I (group work) <i>Facilitators: Drs J Humphreys, S Ling, A Oldroyd, M Parkes, M Rodziewicz, S Shoop-Worrall, T Suhail</i> |
| 10:45 – 11:15 | Coffee break |
| 11:15 – 11:45 | Practical exercise II (group work) <i>Facilitators: Drs J Humphreys, S Ling, A Oldroyd, M Parkes, M Rodziewicz, S Shoop-Worrall, T Suhail</i> |
| 11:45 – 12:30 | Clinical trial design – Dr Matt Parkes |
| 12:30 – 12:45 | Questions and discussion |
| 12:45 – 14:00 | Lunch and networking |

Afternoon scientific meeting

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| 13:30 – 14:00 | Registration for scientific session / Poster viewing & judging I (<i>poster presenters to be beside posters at 1340-1400</i>) |
| 14:00 – 14:15 | Welcome and housekeeping PM – Dr Audrey Low & Dr Jenny Nixon |
| 14.15 – 15:30 | Oral presentations |
| 15:30 – 16:00 | Coffee break / Poster viewing & judging II (<i>poster presenters to be beside posters at 1530-1600</i>) |
| 16:00 – 16:05 | Judges' final deliberations (<i>poster presenters to remove posters from boards</i>) |
| 16:05 – 16:40 | Interactive case presentations (audience vote using sli.do) |
| 16:40 – 17:20 | Guest speaker – Dr Liz Brewster Title: <i>How did we end up here? Medical training pathways and supporting the future medical workforce.</i> |
| 17.20 – 17:40 | Business meeting (incl BSR regional update) & presentation of prizes |
| 18:00 | Dinner |

Learning objectives

1. To understand and refresh knowledge and application of critical appraisal skills to medical literature.
2. To identify key areas of research and up to date clinical evidence in rheumatology.
3. To review and debate the management of specific rheumatic disorders through interactive cases and poster presentations.

Speakers/Workshop facilitators

Dr Liz Brewster is a Senior Lecturer in Medical Education at Lancaster University Medical School. She currently leads the NIHR-funded research project ,*"Mapping underdoctored areas: the impact of medical training pathways on NHS workforce distribution and health inequalities"*. Her research examines the intersections between medical workforce, access to healthcare and quality of care.

Dr Jenny Humphreys is a Senior Clinical Lecturer at the Centre for Musculoskeletal Research, University of Manchester, and a Consultant Rheumatologist at the Kellgren Centre for Rheumatology at Manchester University Hospital NHS Foundation Trust.

Dr Stephanie Ling is an NIHR Academic Clinical Lecturer in Rheumatology and an ST7 in Rheumatology and General Internal Medicine. Her research interests are in predicting treatment response in patients with rheumatoid arthritis. She is on the trusted reviewer panel for Arthritis Research and Therapy and regularly peer-reviews manuscripts for both rheumatology and cross-specialty medical journals.

Dr Alex Oldroyd is an NIHR Academic Clinical Lecturer in Rheumatology at the University of Manchester. His research focusses on myositis, specifically cancer screening.

Dr Matt Parkes is a Research Fellow in the Centre for Biostatistics. He is a keen advocate of novel clinical trial designs, transparency in clinical research, and use of novel technology to improve the quality and efficiency of clinical trials. The bulk of his experience is in musculoskeletal and oncology trials.

Dr Mia Rodziewicz is an MRC clinical research fellow in Pharmacology and Therapeutics at the University of Manchester. Her research focusses on the prediction of clinical response in systemic lupus erythematosus (SLE). She is also a trainee member of the BSR systemic autoimmune disease-related interstitial lung disease (SARD-ILD) working guideline group.

Dr Stephanie Shoop-Worrall is an MRC Career Development Fellow in Epidemiology and Data Science. Her work focuses on children and young people with juvenile idiopathic arthritis (JIA) and adults with psoriatic arthritis (PsA). She has particular interest in improving stratified medicine of these diseases across the lifecourse.

Dr Taqdees Suhail is a Rheumatology ST5 trainee in Mersey. She undertook foundation and core medical training in Manchester. Through her training, she has developed a keen interest in vasculitis.

Oral presentations 1415 – 1530

(8mins + 2mins questions)

1415-1425

Scans, bloods, and scopes – Idiopathic Inflammatory Myopathy-Associated Cancer - Assessment of Impact of Screening Guideline in a UK Specialist Clinic

Smith Daniel^{1,2,3}, Chua C-G^{1,2,4}, Lilleker J^{1,2,5}, Mahadevan T^{1,2,3}, Chinoy H^{1,2,3}, Oldroyd A^{1,2,3}

1. Division of Musculoskeletal and Dermatological Sciences, Faculty of Biology, Medicine and Health, University of Manchester, Manchester, United Kingdom
2. Department of Rheumatology, Salford Royal Hospital, Northern Care Alliance NHS Foundation Trust, Manchester Academic Health Science Centre, Salford, United Kingdom
3. National Institute for Health Research Manchester Biomedical Research Centre, Manchester University NHS Foundation Trust, University of Manchester, Manchester, UK
4. Department of Rheumatology, Allergy and Immunology, Tan Tock Seng Hospital, Singapore
5. Manchester Centre for Clinical Neurosciences, Salford Royal NHS Foundation Trust, Manchester Academic Health Science Centre, Salford, UK

Job title: FY2 doctor

1425-1435

Health inequalities facing the prisoner population: What can a rheumatology department do?

Nouran A¹, Fish S², Madan A², MacPhie Elizabeth²

1. Medical School, University of Manchester,
2. Minerva Health Centre, Lancashire and South Cumbria NHS Foundation Trust

Job title: Consultant rheumatologist

1435-1445

Re-validation of the use of Giant Cell Arteritis Probability Score (GCAPS) in daily practice to risk stratify GCA Referrals: Experience from a United Kingdom fast track clinic

Chong Timothy Kit Yeong (joint first), Nowell G² (joint first), Kah CT², Abdulaal S², Akram Q²

1. School of Biological Sciences, Faculty of Biological Medicine and Health, University of Manchester, Manchester.
2. Department of Rheumatology, Stepping Hill Hospital, Poplar Grove, Stockport, UK

Job title: Medical student

1445-1455**The use of 16S Ribosomal DNA PCR in managing suspected septic arthritis: A service evaluation**

Ahmed Tauheed¹, McVicar H¹, Aiken Z², Patel R³

1.Post Graduate Department, Manchester University NHS Foundation Trust

2.Microbiology Department, Manchester Royal Infirmary

3.The Kellgren Centre for Rheumatology, Manchester Royal Infirmary

Job title: Senior Clinical Fellow

1455-1505**A quality improvement project to improve education about steroid-induced adrenal insufficiency for rheumatology patients.**

Miller Lucy¹, Harrison BJ²

1.York Hospital

2.Salford Royal Hospital

Job title: FY1 doctor

1505-1515**Lupus Damage Index Revision – Item Generation and Reduction Phase**

Kundakci Burak¹, Barber MRW², Clarke A², Johnson SR³, Bruce I¹, and on behalf of the revised systemic lupus erythematosus (SLE) organ damage index (SDI) Collaborators

1.Centre for Epidemiology, Faculty of Biology, Medicine and Health, The University of Manchester, Manchester, Manchester, UK

2.Division of Rheumatology, Cumming School of Medicine, University of Calgary, Calgary, Alberta, Canada

3.Division of Rheumatology, Department of Medicine, Schroeder Arthritis Institute, Krembil Research Institute, Toronto Western and Mount Sinai Hospitals; Institute of Health Policy, Management and Evaluation, University of Toronto, Toronto, Ontario, Canada

Job title: Research associate

1515-1525**Risk of psoriatic arthritis among patients receiving apremilast versus methotrexate for psoriasis**

Sizheng Steven Zhao^{1,2}, Hernandez G³, Alam U^{4,5}

1.Centre for Musculoskeletal Research, The University of Manchester, Manchester, UK

2.Department of Rheumatology, Manchester University NHS Foundation Trust, Manchester, UK

3.TriNetX LLC, Cambridge, Massachusetts, USA.

4.Institute of Life Course and Medical Sciences, University of Liverpool, Liverpool, UK

5.Department of Medicine, University Hospital Aintree, Liverpool University NHS Foundation Trust, Liverpool, UK.

Job title: Clinical Lecturer

Interactive case presentations 1605 - 1635
(6 mins + 2mins questions)

1605-1613

Beyond the Usual Suspects: A Complicated Case of Mixed Connective Tissue Disease

Flamini Thomas, Gall S, Benson R

Liverpool University Hospitals NHS Foundation Trust

Job title: Medical registrar

1613-1621

Unveiling The Uncommon – The Immune Disturbance Unleashed

Suhail Tagdees, Kapur D

Countess of Chester Hospital, Chester

Job title: ST5 rheumatology

1621-1629

Two Ankles, One Puzzle: Unmasking the Unsuspected Culprit

Babiker Abdulrahman¹, Low A¹

Salford Royal Hospital, Northern Care Alliance.

Job title: ST4 Rheumatology

Guest speaker 1640 – 1720

Dr Liz Brewster

Title: *How did we end up here? Medical training pathways and supporting the future medical workforce*

Poster presentations

(Poster judging between 1340-1400 and 1530-1600)

| | Poster title & Authors Key: Presenting author |
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| 1. | Misdiagnosis in early inflammatory arthritis clinic: Results from a UK single-centre retrospective cohort study Mobarak Z ^{*1} , Aleem MS ^{*1} , Saqib F ¹ , Tulloch J ¹ , Hasanein K ¹ , Barton A ^{1,2,3} , Ho P ^{1,2} , <u>Hum Ryan</u> ^{1,2} [*] Joint first authors ¹ The Kellgren Centre for Rheumatology, Manchester Royal Infirmary, Manchester University NHS Foundation Trust, Manchester, UK ² Centre for Musculoskeletal Research, The University of Manchester, Manchester, UK ³ NIHR Manchester Biomedical Research Centre, Manchester, UK Job title: Specialty registrar ST5 |
| 2. | Associations of age, ethnicity and diagnosis when switching from oral to subcutaneous methotrexate - results from a quality improvement project <u>Hussan Waleed</u> , Koll G, Lau J, Wig S, Vasireddy S Department of Rheumatology, Bolton NHS Foundation Trust, Bolton Job title: Resident doctor |
| 3. | The effectiveness of rituximab in the real-world treatment of lupus nephritis: results from the British Isles Lupus Assessment Group Biologics Register (BILAG-BR) <u>Rodziewicz Mia</u> ¹ , Dyball S ¹ , Sutton E ¹ , Parker BJ ^{2,1} , Bruce IN ^{1,3} , The British Isles Lupus Assessment Group Biologics Register (BILAG-BR) consortium. Job title: Clinical research fellow |
| 4. | Specialist nurse (SN) led firebreak follow up clinics week: One possible way to 'less delay'. Experience from a district general hospital <u>Wray Rachel</u> , S Wig Department of Rheumatology, Bolton NHS Foundation Trust, Bolton Job title: Lead Rheumatology Specialist Nurse |
| 5. | Influence of height on the predictive value of FRAX tool components in assessing fracture risk among female patients <u>Satchithananthan Shobana</u> , Bukhari M ² 1. Faculty of Health and Medicine, Lancaster University 2. University Hospitals of Morecambe Bay Trust Job title: Medical student |

| | Poster title & Authors Key: Presenting author |
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| 6. | <p>Cold challenge thermography in patients with Raynaud's phenomenon: relationships between pre-cold challenge baseline and post-cold challenge recovery</p> <p><u>Gibberd Timothy</u>¹, Manning J ^{1,2}, Mandzuk M², Samaranayaka M², Wilkinson J¹, Hughes M^{1,2}, Herrick AL^{1,2}, Dinsdale G^{2,1}, Murray A^{1,2}</p> <p>1.University of Manchester 2.NCA Foundation Trust, Salford</p> <p>Job title: Medical student</p> |
| 7. | <p>Assessing the recovery of fingers after cold challenge in patients with Raynaud's phenomenon</p> <p><u>Anderton Roberta</u>¹, Manning J^{1,2}, Mandzuk M², Samaranayaka M², Wilkinson J³, Hughes M^{1,2}, Herrick A^{1,2}, Dinsdale G^{1,2}, Murray A^{1,2}.</p> <p>1.Scleroderma and Raynaud's Research Group, Division of Musculoskeletal and Dermatological Sciences, Faculty of Biology, Medicine and Health, University of Manchester 2.Dept of Rheumatology, Salford Care Organisation, NCA Foundation Trust, Salford 3.Centre for Biostatistics, University of Manchester</p> <p>Job title: Medical student</p> |
| 8. | <p>Which clinicians are best placed to undertake Rheumatology triage?</p> <p><u>Gregory William</u>^{1,2}, Ayub S¹, Barratt P³, Chinoy H^{1,4}, Clarke J³, Harris R³, Harrison B¹, Kamath Reading A³, Regan P^{1,3}, Low A¹</p> <p>1. Rheumatology Department, Salford Royal Hospital, Northern Care Alliance NHS Foundation Trust, Greater Manchester 2. Faculty of Health and Education, Manchester Metropolitan University 3. MSK CATS Department, Salford Care Organisation, Northern Care Alliance NHS Foundation Trust 4. Division of Musculoskeletal and Dermatological Sciences, Faculty of Biology, Medicine and Health, The University of Manchester, Manchester</p> <p>Job title: Consultant physiotherapist</p> |
| 9. | <p>Re-education of young adults on DMARDs moving from paediatric to adult outpatient services in Kellgren Centre, Manchester Royal Infirmary.</p> <p><u>Tan Jiaying</u>¹, Mukaro S¹, Humphreys J^{1,2}</p> <p>1.Kellgren Centre, Manchester Royal Infirmary, Oxford Road. 2.Centre for Epidemiology Versus Arthritis, University of Manchester</p> <p>Job title: IMT2</p> |

| | Poster title & Authors Key: <u>Presenting author</u> |
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| 10. | Chronic tophaceous gout and unusual erosive patella changes in the knee: A Case Report. <u>Sharp Lauren</u> , Hopping S, Waters L. Manchester University NHS Foundation Trust Job title: medical student |
| 11. | Immunotherapy related acral vasculitis with resultant necrosis of toes: Who is to blame – oncology or rheumatology? <u>Gould Matthew</u> , Brockbank S Rheumatology Department, St Helens Hospital, Mersey and West Lancashire Teaching Hospitals Trust. Job title: Senior clinical fellow |