

EULAR Online Course on Rheumatic Diseases

List of Modules and In-depth Discussions 2023

| No. | Module Name | IDD 1 | IDD 2 | IDD 3 |
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| 01 | Systematic approach to Diagnosis | Vasculitis: Diagnostic strategy | Idiopathic Inflammatory Myopathy (IIM) | |
| 02 | Early arthritis: diagnosis and management | Magnetic resonance imaging and ultrasonography in early arthritis | Pathogenic mechanisms at disease onset in early arthritis | |
| 03 | Rheumatoid arthritis: pathogenesis, clinical aspects and diagnosis | Measuring disability and health-related quality of life (hrqol) in rheumatoid arthritis (ra) | Cytokines and Rheumatoid arthritis | |
| 04 | Rheumatoid arthritis: Treatment | The role of health professionals in the treatment of rheumatoid arthritis | Analgesics, NSAIDS, COXIBS and Glucocorticoids in the treatment of RA | Local and Non-Pharmacological therapeutics in the treatment of RA |
| 05 | Immunology and the rheumatic diseases | Nod-Like receptors as innate sensors involved in auto-inflammatory disorders | Autoantibodies in rheumatoid arthritis | |
| 06 | Spondylarthropathies: pathogenesis, clinical aspects and diagnosis | Classification and diagnosis in early axial spondyloarthritis | HLA and the spondyloarthro-pathies | SAPHO |
| 07 | Spondylarthropathies: treatment | The management of acute anterior uveitis associated with spondyloarthritis | Choice of biologic DMARDS in relation to extra-articular manifestations in spondyloarthritis | |
| 08 | Measure of disease activity and damage in inflammatory arthritis | Presentation and interpretation of radiographic data | Magnetic resonance imaging of synovial and bone inflammation: A clue to what drives erosive progression in RA | |

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| 09 | Juvenile Idiopathic Arthritis (JIA) | Imaging in the assessment of JIA | Measuring disease activity, physical function and damage in JIA current clinical practice | |
| 10 | Miscellaneous inflammatory arthritides: Adult Still disease, sarcoidosis, palindromic rheumatism, paraneoplastic arthritis, hypertrophic osteoarthropathy | Paraneoplastic rheumatic conditions | Hypertrophic osteoarthropathy | Intestinal bypass arthritis |
| 11 | Infection of joints and bone: Reactive arthritis, Lyme, Whipple HIV, viral arthritis, septic arthritis, osteomyelitis | Reactive arthritis - treatment of acute and prolonged / chronic arthritis | Diagnosis and treatment of Lyme arthritis | Post-immunization arthritis |
| 12 | Crystal arthropathies | Essentials of crystal detection and identification in Synovial Fluid | Diagnosis of Monoarthritis | |
| 13 | Clinical epidemiology - Critical appraisal of evidence | Methodological issues of non-inferiority and equivalence trials | Specific methodological issues with non-pharmacological interventions | |
| 14a | Genetics for rheumatologists | Pros and cons of a genome wide association studies | Genetic and environmental factors in the susceptibility to rheumatoid arthritis | |
| 14b | Psycho-social dimensions of the rheumatic diseases | Provider-patient relations in rheumatology | Psychological management of pain | |
| 14c | Clinical epidemiology - Impact of the rheumatic diseases | Disability-adjusted life years (DALYS), an overall assessment of disease burden | The impact of Lifestyle and Comorbidities on RA | |
| 15 | Imaging, including ultrasound | The utility of ultrasonography in the management of Psoriatic Arthritis | Imaging of GOUT | |

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| 16 | Connective tissue diseases: Concepts and pathogenesis, overlap syndromes, mixed CTD and undifferentiated CTD | Treatment of Raynaud's syndrome in patients with UCTD and MCTD | Diagnosis of pulmonary arterial hypertension | |
| 17 | Systemic lupus erythematosus: pathogenesis, clinical manifestations and diagnosis | Neuropsychiatric manifestations in SLE | Shrinking Lung Syndrome | |
| 18 | Systemic lupus erythematosus: treatment | Treatment of systemic lupus erythematosus during pregnancy | How to translate treatment recommendations into daily practice | |
| 19 | Pregnancy related problems in rheumatic diseases, including the anti-phospholipid syndrome | Management of pregnancy in the antiphospholipid syndrome | Preconception counselling | |
| 20 | Systemic sclerosis | Nailfold capillary microscopy | Pulmonary hypertension in systemic sclerosis | Articular involvement in systemic sclerosis |
| 21 | Polymyositis, dermatomyositis | Interstitial lung disease and idiopathic inflammatory myopathy | Myositis and cancer | Immune checkpoint inhibitors-induced myositis |
| 22 | Sjögren's syndrome | Primary and associated SJOGREN's syndrome: Role of Autoantibodies | IgG4-related disease | |
| 23 | Classification of vasculitis and secondary vasculitis and vasculitis mimics (including Buerger's Disease) | Drug-associated vasculitis | Takayasu's arteritis (including isolated Aortitis as differential diagnosis) | Hypo-complementemic urticarial vasculitis |
| 24 | ANCA-associated vasculitis and polyarthritis nodosa | Assessment of disease activity and damage in small and medium vessel vasculitis | The role of biologics in ANCA-associated vasculitis | |
| 25 | Behçet's disease, polychondritis, eye symptoms in rheumatic diseases | Cardiovascular involvement in Behçet's disease | Biotherapy in Behçet's disease | |

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| 26 | PMR and GCA | Giant cell arteritis with large-vessel involvement | GCA and sight loss | |
| 27 | Systemic consequences of the inflammatory process: amyloidosis, anaemia, atherosclerosis | Cardiovascular disease risk in RA | Current therapies of AA Amyloidosis secondary to inflammatory rheumatic diseases | |
| 28 | Rheumatic manifestations of endocrine diseases: diabetes mellitus, thyroid disorders, parathyroid disorders | Gaucher's disease | Screening for hereditary haemochromatosis | Acromegalia |
| 29a | The skin and the rheumatic diseases | Differential diagnosis of Scleroderma | Cutaneous manifestations of antiphospholipid syndrome (aps) | |
| 29b | Molecular and cellular basis of tissue destruction | Cytokine-dependent and cytokine-independent pathways of joint destruction in RA and their impact on therapeutic approaches | Role of IL-17-IL-23 Axis in AS and Psoriatic Arthritis | |
| 29c | Rheumatic manifestations of tropical diseases | Sickle cell disease | Epidemiology of musculoskeletal pain and disability in communities in developing countries | |
| 30 | Osteoarthritis: pathogenesis, clinical aspects and diagnosis | Erosive osteoarthritis (OA) | Models of Osteoarthritis | |
| 31 | Osteoarthritis: treatment | Exercise for OA | Intra-articular injection of corticosteroid in OA | |
| 32 | Cervical pain syndromes | Multi/Inter-disciplinary approaches to Cervical pain syndromes | Symptomatic cervical spinal stenosis | |
| 33 | Low back pain and associated syndromes | Multi/Inter-disciplinary approaches to chronic lumbar back pain | Symptomatic lumbar spinal stenosis | Spondylolysis and spondylolisthesis |

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| 34 | Other lower regional musculoskeletal pain syndromes: abdomen and lower limbs (incl. entrapment neuropathies) | Heel pain | Osteitis pubis | Complex regional pain syndrome |
| 35 | Other upper regional musculoskeletal pain syndromes: face, thoracic and upper limbs (incl. thoracic outlet syndrome, complexe regional pain syndrome and entrapment neuropathies and palmo-plantar fasciitis) | Wrist pain related with ligamentous structures: Scapholunate Ligament Pathology | Trigger finger | TMJ syndromes |
| 36 | Generalised pain syndromes (incl. Fibromyalgia and chronic fatigue syndrome) | Do we need new classification criteria for fibromyalgia syndrome? | Is reduced sleep quality a purely secondary phenomenon in fibromyalgia? | |
| 37 | Osteoporosis: pathogenesis, clinical aspects and diagnosis | Glucocorticoid-Induced Osteoporosis (GIO) | Osteoporosis in inflammatory joint disorders | Stress fracture (as differential diagnosis) |
| 38 | Osteoporosis: treatment | Vitamin D deficiency and response to treatment in postmenopausal osteoporosis | Atypical femoral fractures in patients on Anti-resorptive therapy | |
| 39 | Other bone diseases: osteomalacia, Paget's disease, renal osteodystrophy, osteomyelitis, osteonecrosis | Osteomyelitis | Osteogenesis imperfecta in adult patients | |
| 40 | Joint hypermobility syndromes | Ehlers-Danlos syndrome, Marfan's syndrome | Osteogenesis imperfecta in adult patients | |
| 41a | Auto-inflammatory Syndromes | AA Amyloidosis in Auto-inflammatory diseases | Interleukin-1 Inhibitors | |
| 41b | Systemic manifestations of primary immune deficiencies | Primary immunodeficiency diseases in Rheumatology patients: When to suspect, how to diagnose, and how to treat? | Mendelian susceptibility to mucocutaneous fungal infections | |

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| 41c | Malignant bone diseases (including new concepts and therapies as they apply to rh. dis.) | Cancer treatment-induced bone loss | Pharmacologically induced Osteonecrosis of the jaw | |
| 41d | Neuroendocrine immunology of rheumatic diseases | Effects of oestrogens in chronic immune-mediated inflammatory rheumatic diseases: the case of rheumatoid arthritis | Effects of the neuroendocrine immune system players in systemic lupus erythematosus | |
| 42 | Pain: mechanisms and management | Analgesia and pregnancy | Peripheral pain mechanisms in osteoarthritis | |
| 43 | Rehabilitation aspects of chronic musculo-rheumatic diseases | Fibromyalgia | Footwear in rheumatic diseases | |
| 44 | Glucocorticoids | Glucocorticoids in Pregnancy | Effects of glucocorticoids on radiological progression in early rheumatoid arthritis | |
| 45a | Cryoglobulinemia and systemic manifestations of hepatitis C virus | HCV infection and arthritis | Current and future therapeutic strategies for treating mixed cryoglobulinaemia | |
| 45b | Cell and gene therapy in rheumatic diseases | Gene therapy in rheumatic diseases | Cellular therapy of systemic Sclerosis | |
| 45c | Nutrition | The role of metals and trace elements in RMDs | Circadian rhythms, immune-inflammatory reactions and chrononutrition in RMDs | |
| 46 | Health Education | Provider-patients relations in rheumatology | Psychological assessment | |