

Common Challenges in Primary Care: Rheumatology Case Management



Thursday 27/11/25
The Education Centre, TPCH

Metro North Hospital and Health Service and Brisbane North PHN respectfully acknowledge the Traditional Owners of the land on which our services and events are located. We pay our respects to all Elders past, present and future and acknowledge Aboriginal and Torres Strait Islander people across the State.

A

6:00pm

Registration, Networking and Dinner

G

6:30pm

Welcome Address

Dr James Martin | GP Liaison Officer, Metro North Health and Brisbane North PHN

E

6:45pm

Early recognition of rheumatology conditions and next steps

Dr Veera Srividya Katikireddi | Rheumatologist, The Prince Charles Hospital

N

7:30pm

Request for advice – case studies

Dr James Martin | GP Liaison Officer, Metro North Health and Brisbane North PHN

D

Dr Laurel Young | Staff Specialist, Rheumatology, Redcliffe Hospital

A

8:30pm

Evaluation & Close

**Dr James Martin | GP Liaison Officer, Metro North Health and
Brisbane North PHN**

Slides & resources



Queensland Government

Metro North Health

Contact us Newsroom Events [Resize font](#) [Print](#)

Search...

[Home](#) / [Refer your patient](#) / [Hospitals & services](#) / [Health professionals](#) / [Research](#) / [Get involved](#) / [Careers](#) / [About us](#)

[Home](#) / [Refer your patient](#) / [GP and primary care education & events](#) / GP and primary care education

GP and primary care education

Presentations and further resources from past education events

- * Caboolture Hospital education
- * Cardiology
- * Championing Generalism Workshop (updated 2025)
- * Diabetes
- * Gastroenterology and Hepatology
- * Gender Services
- * Genetics
- * Gynaecology (updated 2024)
- * Haematology and Oncology
- * Heart Failure
- * Immunology & ENT (updated 2024)
- * Kidney Health
- * Maternity (updated 2025)
- * Men's Health (updated 2024)
- * Mental Health (updated 2024)
- * Neurology
- * Orthopaedics (updated 2024)
- * Paediatric
- * Persistent Pain Management
- * Respiratory
- * Rheumatology
- * Sexual Health
- * Skin Cancer (updated 2024)
- * Spinal health
- * Surgery
- * Urology

Contact

Email: MNGPLO@health.qld.gov.au

Refer a patient

Access the [referral guidelines](#) to refer a patient.

Call the GP hotline for enquiries about referring on **1300 364 938**

General Practice Liaison Officer Program



0499 112 282



MetroNorthGPLO@health.qld.gov.au



Refer Your Patient

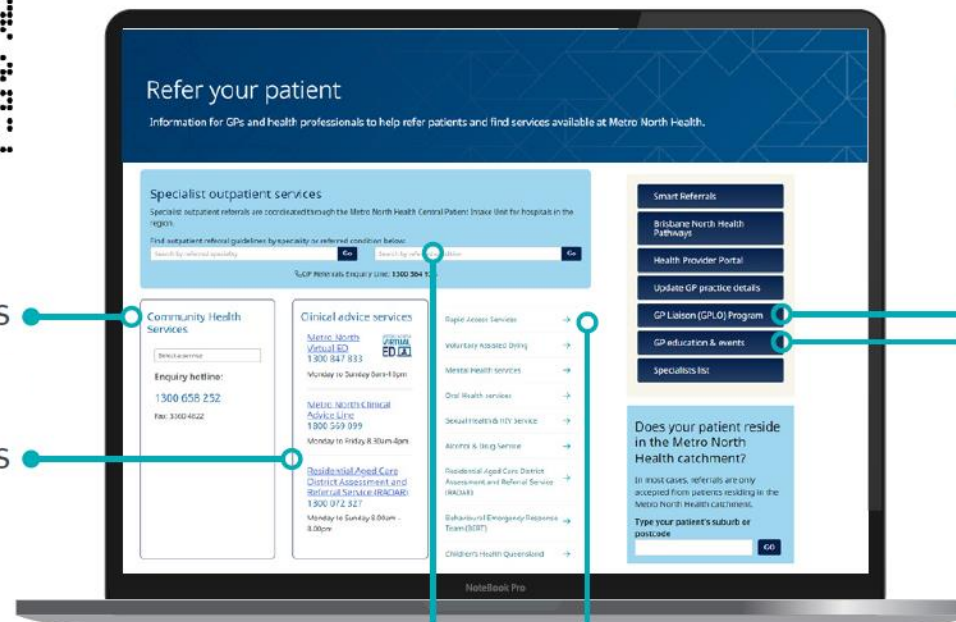
is your one stop shop for Metro North Health service information and updates.



Scan the QRcode to Refer Your Patient.

Community Health Services

Clinical advice services and ED alternatives



Referral Guidelines

Rapid Access Clinics and Services


GP Liaison Officer Program including:

- contact information
- GP resources

GP Education & events including:

- upcoming GP education events
- Presentations, recordings and resources from past education events

Metro North Health

-  [Refer your patient](#)
- [Hospitals & services](#)
- [Health professionals](#)
- [Research](#)
- [Get involved](#)
- [Careers](#)
- [About us](#)

[Home](#) / [Refer your patient](#)

Refer your patient

The information contained on these pages is for GPs and health professionals to help refer patients and find services available at Metro North Health.

Latest updates


Virtual Ward
GPs can now use the eReferral template to refer and provide a written clinical handover to [Metro North Virtual Ward](#) following a discussion with the Virtual Ward Consultant via phone on 07 3074 2109 from 8:00 am to 5:00 pm. [Download the new templates.](#)

Rapid Access Clinics
[Rapid Access Clinics and Services](#) – Local GPs can refer patients requiring escalation of care to these services for urgent assessment and treatment within a few days to provide an alternative to an emergency presentation.

Specialist outpatient services

Specialist outpatient referrals are coordinated through the Metro North Health Central Patient Intake Unit for hospitals in the region.

Find outpatient referral guidelines by speciality or referred condition below:

 GP Referrals Enquiry Line: 1300 364 938

Community Health Services

Clinical advice services

[Virtual Emergency Care Service](#)
1300 847 833

[Rapid Access Services](#)

[Voluntary Assisted Dying](#)

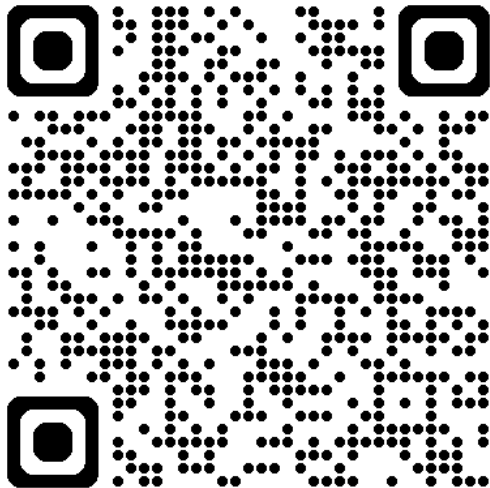
[Mental Health services](#)

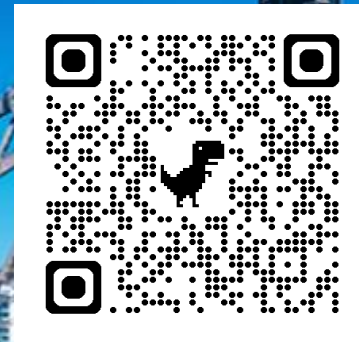
- Smart Referrals
- How to refer your patient
- Brisbane North Health Pathways
- Health Provider Portal
- Update GP practice details
- GP Liaison (GPLO) Program
- GP and primary care education & events
- Specialists list

Does your patient reside in the Metro North Health catchment?

In most cases, referrals are only accepted from patients residing in the Metro North Health catchment.

Type your patient's suburb or postcode





Brisbane North

HEALTHPATHWAYS

Access to Brisbane North HealthPathways has changed

Previously

Generic login

(Username: Brisbane, Password: North)

From 18 Nov 25

Users have to create a personal
account


New features

- AI-powered Smart Search
- CPD reporting tool

Virtual Emergency Care



Queensland Virtual Hospital **Virtual Emergency Care Service** Clinician service

 Open: 7 days
(8am-10pm Monday to Sunday)

Queensland Virtual Hospital – Virtual Emergency Care Service offers alternative pathways that can help avoid your patient waiting in an Emergency Department.

Queensland Health has developed the Virtual Emergency Care Service service to provide primary healthcare providers with access to specialist emergency medicine advice, by telephone or video conferencing with one of our senior FACEM's.

It is a safe, fast and efficient way for you to consult with an emergency physician and use real-time technology to align treatment and ongoing services for your patient.

Virtual Ward

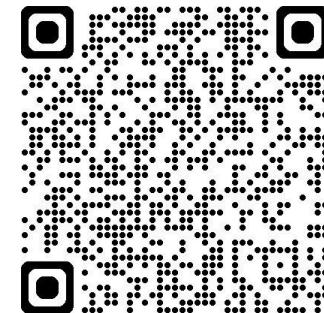
Virtual Ward

The Virtual Ward provides hospital-level care to people in their place of residence.

Welcome to the Metro North Health Virtual Ward

You've been referred to this service based on your medical history and symptoms. This website will outline what to expect during your admission to the virtual ward and what to do next.

A Metro North Virtual Ward clinician will call you on the number you provided within 24 hours of your admission to the virtual ward.



Healthcare coordination for people with long term medical conditions.



Team Care Coordination is a free service delivered by clinical nurses who work with patients to:

- provide disease, health and community service information
- coordinate health, community and social support services, including My Aged Care and NDIS navigation support
- support the communication between patients, service providers and health professionals.

How GPs refer

- gain patient's verbal consent
- send completed referral and health summary to Team Care Coordination by either:
 - eReferral: via Medical Objects to teamcare (MM4030000FT)
 - Fax: secure fax to 07 3630 7808

Eligibility

Patients are eligible if they:

- have at least one or more chronic complex medical condition
- live in the Metro North catchment
- are not living in a residential aged care facility
- are not receiving other comprehensive support packages or end of life palliative care services.



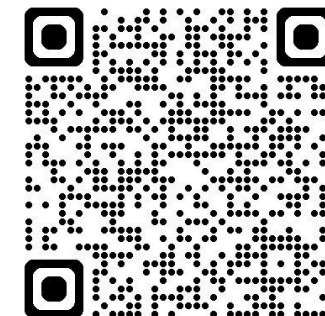
eReferral templates can be imported from www.brisbanenorthphn.org.au



The Team Care Coordination program is a free service for people over the age of 18 with complex and chronic health conditions. It supports people to remain living at home by improving their self-management and quality of life.

The service is delivered by clinical nurses and allied health that can offer health education and coordination of health and community services. Our team will:

- conduct a face-to-face in-home visit, telehealth, or phone consultation to understand your needs and goals
- offer ongoing support and contact for up to three months, with the possibility of extension if needed
- focus on improving quality of life and self-management.



Community and Oral Health

Metro North Health

[Home](#)[Healthcare services](#)[Locations](#)[Health professionals](#)[Careers](#)[About us](#)

[Home](#) / [Healthcare Services](#) / Rapid Access to Community Care (RACC)

Rapid Access to Community Care (RACC)

Rapid Access to Community Care (RACC) is a multidisciplinary service (Clinical Nurse and Occupational Therapists) that provides assessment and care for people following a fall at home, or with an exacerbation of a chronic condition, illness or injury, or an inability to physically and/or cognitively manage in their own residence that does not require acute medical attention. The service is an alternative to hospital presentation for people requiring community-based support and can assist to optimise care options and services, particularly for older people without the need for any hospital interaction.

RACC accept direct clinician to clinician referrals via phone primarily from GPs and Queensland Ambulance Service for adult patients requiring rapid community assessment and linkage to established community support. Electronic referrals are also accepted.

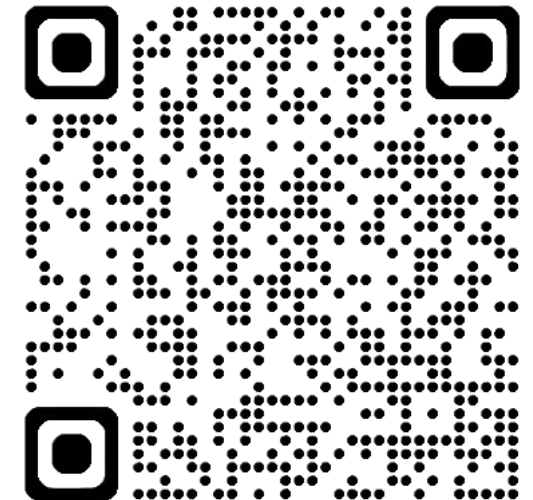
Contact us

Phone: 1300 220 922 (clinicians only)

Open: Referrals accepted
Monday- Friday 0900-1700

Need help outside hours?

For non-urgent medical issues
call MN Virtual ED 1300 847 833



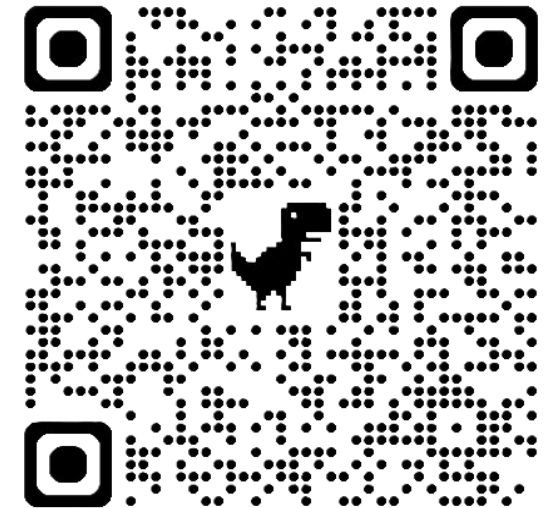
Metro North Health

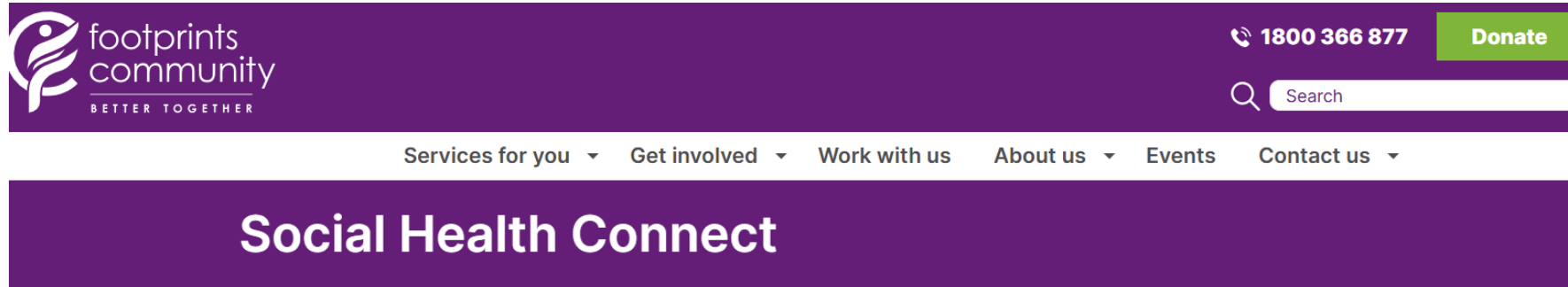
[Home](#) [Refer your patient](#) [Hospitals & services](#) [Health professionals](#) [Research](#) [Get involved](#) [C](#)[Home](#) / [Hospitals & services](#) / [Satellite health centres](#) / Healthy Ageing Assessment and Rehabilitation Team (HAART)

Healthy Ageing Assessment and Rehabilitation Team (HAART)

The Healthy Ageing Assessment and Rehabilitation Team (HAART) is an interdisciplinary team comprised of a range of clinicians with a special interest in the rehabilitation and health of older people living in the community.

The team includes a Clinical Nurse Consultant, Rapid Therapist, Medical Specialist in Rehabilitation, Physiotherapists, Occupational Therapist, Speech Pathologist, Psychologist, Social Work, Dietetics and Pharmacy. Through a collaborative approach, our team is dedicated to providing innovative, patient focussed care that promotes health ageing. Our service is designed to Provide time-limited interdisciplinary assessment and management to prevent avoidable hospital presentations from age related medical conditions.





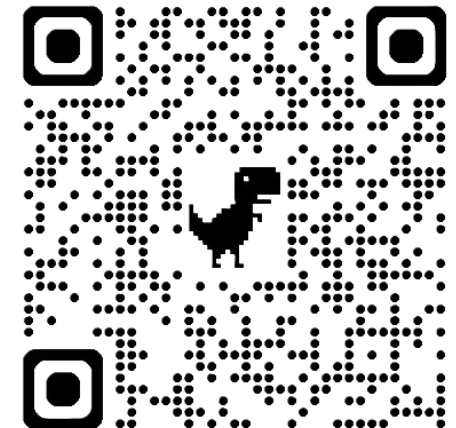
Welcome to Social Health Connect

Our team is here to help you feel more connected, supported, and well.

Are you feeling isolated or unsure about how to get involved in your community?

Social Health Connect is a free service for adults aged 18+ who live in the Redcliffe, Caboolture or Kilcoy hospital catchment areas. The service is for people who have unmet social needs, impacting their health and wellbeing.

Program participants are paired with a dedicated Link Worker who listens, helps you set goals, and connects you with local social opportunities, community groups, or services that match your interests and needs.



“

Footprints was fantastic and supportive, helping me work through my barriers -
a Social Health Connect client

”

Metro North GP Advice Program

Connecting GPs directly to Metro North specialties.

The Metro North Health GP Advice Program connects GPs to specialist advice from hospital and community clinicians. There are two pathways:

1. Phone advice – Clinical Advice Line
2. Written request for advice – Request for Advice via GP Smart Referrals

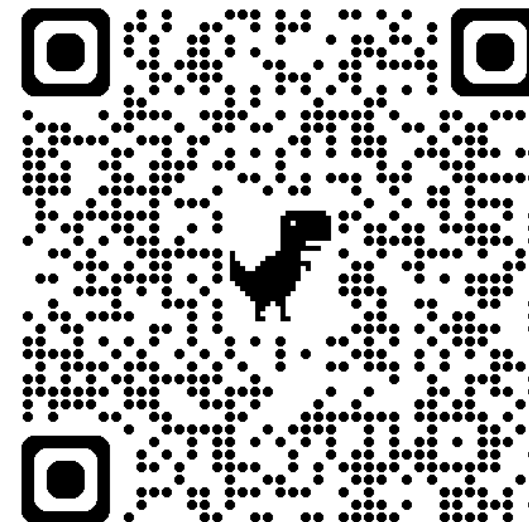
Call the Clinical Advice Line, Monday to Friday 8:30am to 4.00pm on

1800 569 099

Note: this is for GPs only and the phone line is not open to patients.

2. Written request for advice – Request for Advice via GP Smart Referrals

Specialty	Catchment*	Exclusion Criteria
Rheumatology	Metro North	<ul style="list-style-type: none"> • Out of catchment for Metro North • Patients currently seen by Metro North Rheumatology (call Registrar via switch or use "Update Request" in GP Smart Referrals)



Rheumatology conditions – early recognition and next steps

Dr Srividya Katikireddi
Rheumatologist | The Prince Charles Hospital





Rheumatology conditions – early recognition and next steps

DR SRIVIDYA KATIKIREDDI
RHEUMATOLOGIST
THE PRINCE CHARLES HOSPITAL

are.
ys.

Outline

Case study – Inflammatory Arthritis

Investigations

Treatment

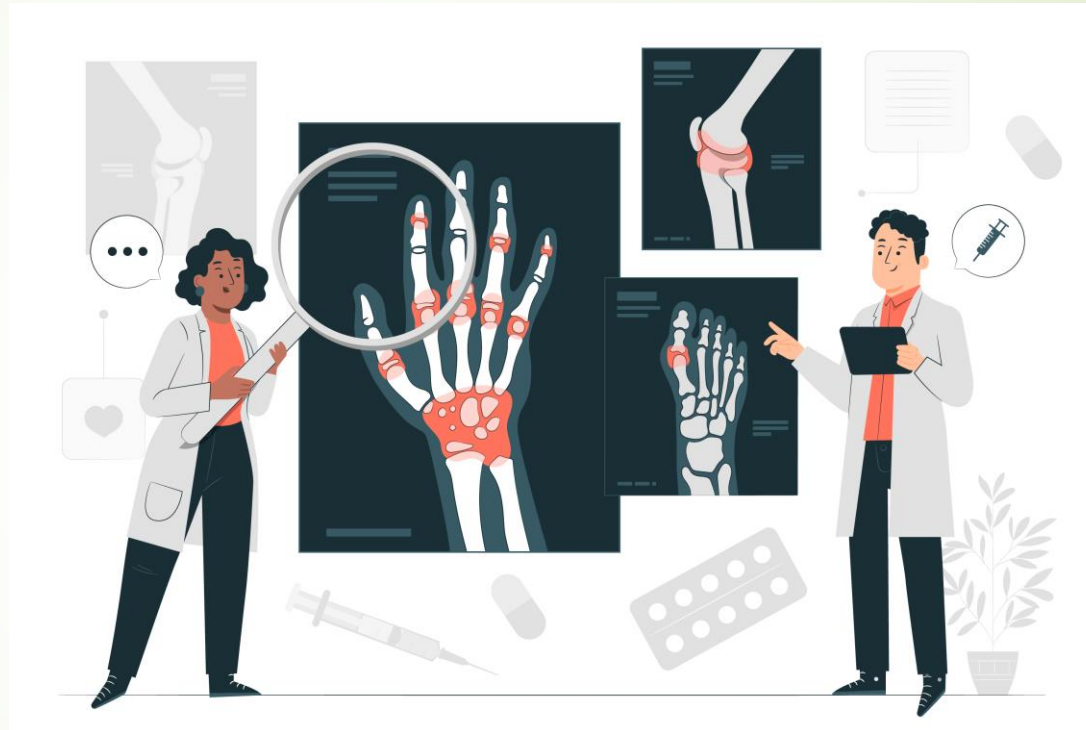
Case Study – Connective Tissue Disorders

Investigations

Treatment

Referral Pathway

Take home points



Case study 1 – Inflammatory arthritis



**Miss SR,
23yo F**



**L) knee
swelling +
pain →
drained &
d/c**

No preceding
trauma or fever



**Recurred
2/12 later**



**Pain and
swelling
progressed
to other
joints**



**Symmetrical
polyarthritis
>3/12**

Small joints
both
hands/feet,
ankles, knees,
wrists, elbows,
shoulders



**Using
Panadol,
Ibuprofen &
Endone – no
relief**

Presenting complaint

- Morning stiffness 2 hours
- Increasing lethargy, significantly decreased function of hands
- No rash/malar rash, fever, alopecia, photosensitivity, ulcers
- No Psoriasis/IBD/iritis
- No inflammatory low back pain or gluteal pain

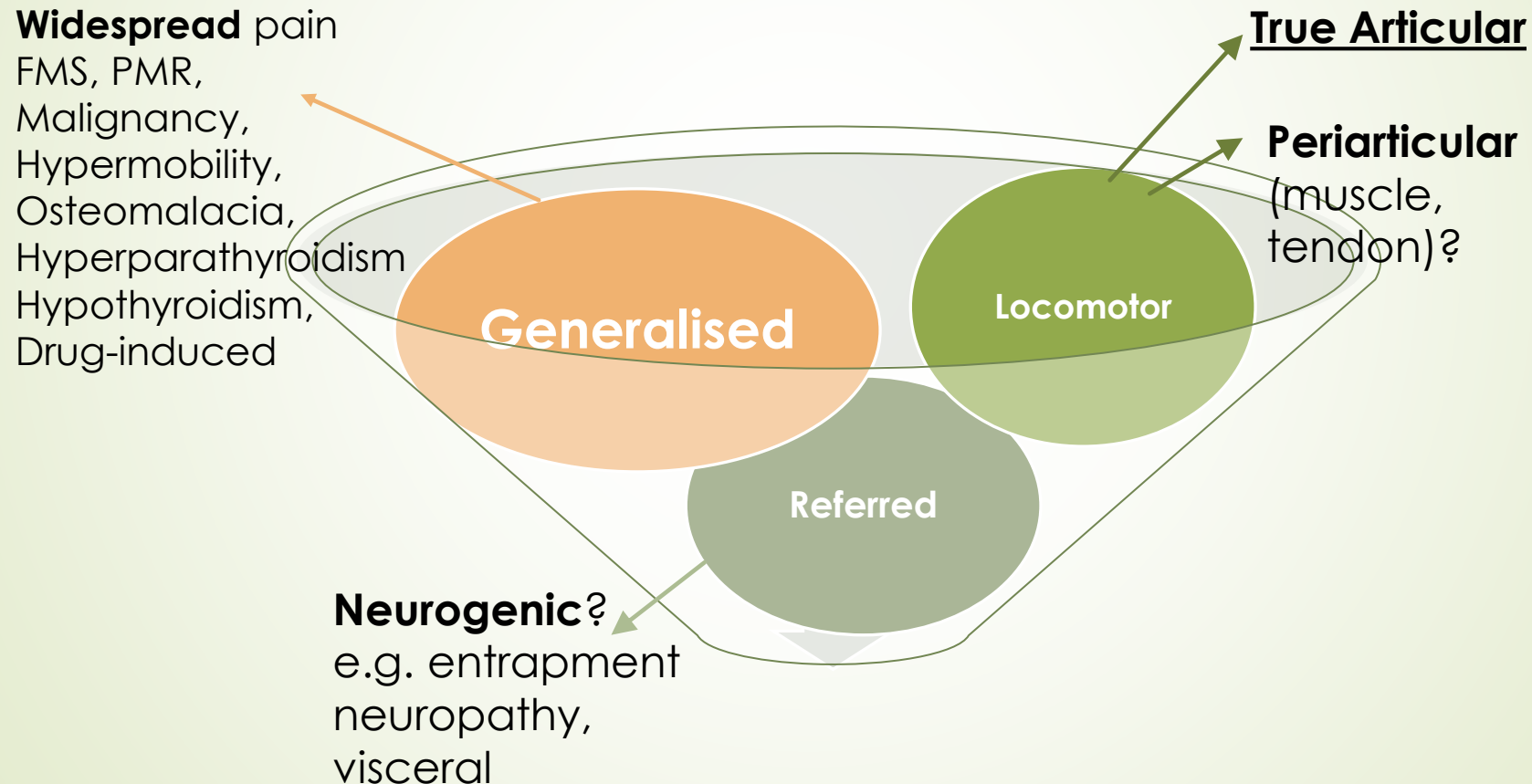
➤ *What is the differential diagnosis?*

Take home point 1

- Inflammatory vs non-inflammatory joint pain
- Pain at **rest**, improved by **movement** - inflammatory
- Pain **with activity** and **relieved by rest** - non-inflammatory
- Morning stiffness >~1hr - inflammatory

Inflammatory	Non-inflammatory
Morning stiffness > 1hr	"Gelling phenomenon" < 30mins
Boggy, tender swelling	Little to no swelling, non-inflammatory aspirate
Improves with activity, stiffens with rest	Worsens with activity, better with rest
Depends on disease	Weight-bearing joints + hands

Step 1 – Is it Really Joint Pain?



Causes of True Joint Pain

Rheumatoid arthritis
(seropositive, seronegative)

Inflammatory **connective tissue diseases** (Sjogren's, SLE, SSc, IM, MCTD, UCTD)

Spondyloarthropathies axial and peripheral (ankylosing spondylitis, psoriatic arthritis, enteropathic arthritis, undifferentiated spondyloarthritis)

Crystal arthritis – gout and pseudogout

Infective (get Ortho if septic joint), **Reactive**, **Malignancy** associated

Arthritis accompanying **Systemic disease** – amyloidosis, sarcoidosis, haemochromatosis, haemophilic arthropathy, haemoglobinopathies, IgG4 disease, endocrinopathy

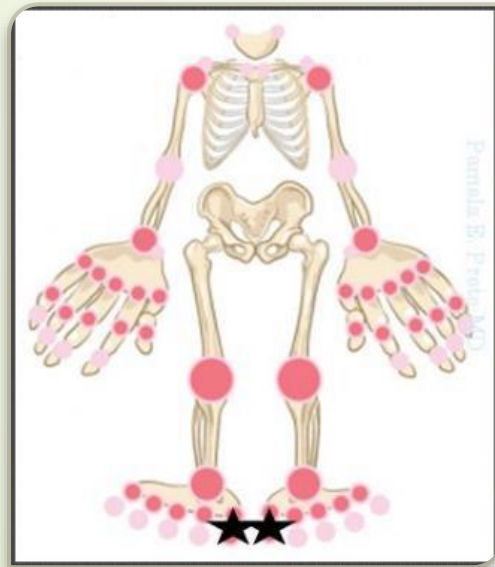
Osteoarthritis

Take home point 2

Different patterns of arthritis = different Diagnosis



Distribution, Arthralgias, & Arthritis



- **Small, medium, large** joints
- **Mono**arthritis (one joint), **oligo**arthritis (2-4), **poly**arthritis (>5)
- Arthral**gia** (joint pain) vs. arthrit**is** (joint inflammation)
- **Synovitis** – synovial inflammation, feels boggy, swollen, tender, and warm. “**Active Joint**”

Mono- & Oligoarthritis Differentials

- Acute:

- Septic (bacterial infection), crystal arthritis (gout, pseudogout), haemarthrosis, trauma

- Chronic:

- Indolent infection (mycobacterial, fungal), pigmented villonodular synovitis, seronegative spondyloarthropathies, malignancy, OA

- Spondyloarthritis eg. Psoriatic arthritis more common

- RA and CTDIA can also present like this

Time course & Distribution

- **Acute** (hours > days), **Subacute** (<6 weeks), **Chronic** (>6 weeks)
- **Persistent, intermittent**
- **Isolated, migratory, additive**
- **Symmetrical or asymmetrical**
- **Deforming, non deforming**



Polyarthrititis differentials

Acute:

- Infection – usually viral eg. RRV
- Polyarticular attack of crystal arthropathy (gout, pseudogout), onset of chronic polyarthrititis

Chronic:

- Rheumatoid arthritis (usually symmetrical)
- Seronegative spondyloarthritis (usually asymmetrical and oligoarticular)
- CTD-assoc. inflammatory arthritis
- Primary osteoarthritis

Important Associated Features

Rash – psoriatic, photosensitive, vasculitic, nodules, tophi

Constitutional symptoms – fevers, night sweats, weight loss

- Suggest inflammatory disease but also important differentials of infection or malignancy

Symptoms suggesting **connective tissue disease**: Raynaud's, **ulcers**, alopecia, serositis (**chest or abdominal pain** – pleurisy, pericarditis, peritonitis), dysphagia and reflux, thrombosis, stillbirth, recurrent miscarriage, sicca

Symptoms suggesting **spondyloarthritis**: Red **eyes**, **diarrhoea**, urethritis, dactylitis, inflammatory **back pain**

Preceding infective **illness** – viral arthritis, reactive arthritis

? Penetrating **trauma** to affected joint – suspicious for infection

Breathlessness – interstitial lung disease, pulmonary hypertension

Muscle **weakness** – myositis, usually painless and proximal

RA manifestations

Articular Manifestations	
Evidence of inflammation	Joint tenderness; joints warm but not erythematous; swelling of soft-tissue synovium and synovial fluid
Small-joint involvement	Symmetric involvement of proximal interphalangeal, metacarpophalangeal, and metatarsophalangeal joints; distal interphalangeal joints not usually involved
Functional limitation	Limited range of motion; decreased muscle strength and function around inflamed joints
Extra-articular Manifestations	
Dermatologic	Rheumatoid nodules, vasculitis, drug reactions
Ophthalmologic	Keratoconjunctivitis sicca, episcleritis, scleritis, scleromalacia perforans
Pulmonary	Basilar pulmonary fibrosis, multiple lung nodules, pleuritis, bronchiolitis obliterans organizing pneumonia
Cardiac	Pericarditis, pericardial effusion, valvular defects, conduction defects
Gastrointestinal	Xerostomia, gastritis or peptic ulcer disease from NSAIDs
Renal	Proteinuria if secondary amyloid is present; interstitial disease from NSAIDs and other treatment-related problems
Hepatic	Nodular regenerative hyperplasia, portal fibrosis
Neurologic	Cervical spine instability, peripheral nerve entrapment, mononeuritis multiplex from vasculitis
Hematologic	Lymphadenopathy, splenomegaly, leukopenia (Felty syndrome), malignancy, amyloidosis, cryoglobulinemia, large granular lymphocyte syndrome



PMH/FH/SH

PMH:

- Nil

FH:

- Father, 2 aunts, 1 cousin → Ehlers-Danlos Syndrome
- No RA

SH:

- Library assistant – stopped working
- Lives with partner – full time carer for her currently
- Non-smoker
- No ETOH

O/E

- Pale, no rash, no nodules
- Hands: bilateral symmetrical synovitis
 - Swollen 2nd & 3rd MCPs, 2nd & 3rd PIPs; tender all MCPs
- Elbows: tender & swollen
- Knees: tender, decreased ROM
- Ankles: tender & swollen
- MTPs: tender & swollen

Differential Diagnosis

- RA
- Seronegative arthritis
 - Ankylosing spondylitis, PsA, reactive arthritis, IBD
- SLE
- Post viral arthritis

Investigations to order

- ▶ FBC, eLFTs
- ▶ CRP & ESR
- ▶ Viral serology if acute/subacute eg. RRV, BFV
- ▶ RF & Anti-CCP
- ▶ ANA if symptoms of CTD
- ▶ ENA if ANA is positive
- ▶ Anti-dsDNA, complement C3/C4, Urine microscopy & PCR if ANA positive
- ▶ CK – if myalgia or muscle weakness, rash suggestive of dermatomyositis
- ▶ TSH, vit D
- ▶ HLA B27 - if seronegative arthritis/spondyloarthritis suspected
- ▶ Urine Neisseria Gonorrhoeae/Chlamydia – if reactive arthritis suspected

Investigations to order - Imaging

- X-rays of affected joints – eg. both hands and feet if chronic arthritis
- X-ray lumbosacral spine, AP pelvis and sacroiliac joints – if spondyloarthritis suspected
- CXR – if immunomodulator eg. Methotrexate might be commenced, or excluding infection, or in smoker



Investigations - Bloods

- Hb: 112 ↓
- MCV: 70 ↓
- WCC: 11.7
- Platelets: 552 ↑
- Hep B/C: -ve
- RF: +ve 40, anti-CCP 20
- dsDNA: -ve
- C3/C4: N
- CRP 54 ↑
- ESR 65 ↑

Investigations - Imaging

➤ XRs:

- Hands: soft tissue swelling; narrowing 3rd MCP joints, periarticular osteoporosis wrist, no periarticular erosions
- Feet: mid foot – peri-articular osteoporosis; 1st MTPs – hallux valgus deformity; 1st TMTs – periarticular erosions; L) 1st TMT – early joint space narrowing; 2nd & 3rd MTPs – mild joint space narrowing
- Chest: normal

Initial management

25mg Prednisolone po daily, wean over 6 weeks by 5mg every 1-2 weeks

Ibuprofen, Paracetamol PRN

In general, could use short course of prednisolone initially and wean over 6 weeks if synovitis & especially if raised CRP/ESR

Alter according to severity and response

DMARDs will take several months to be effective

If single joint or a couple could consider HCLA injection

Treatment

➤ Conventional DMARDs

- Plaquenil – 200-400mg daily (max dose 5mg/kg due to retinopathy risk)
- Methotrexate – weekly, if SEs or ineffective, consider subcutaneous (max dose 25mg once a week)
- Sulfasalazine – usual dose 1g bd
- Leflunomide – 10-20mg daily



Conventional synthetic DMARDs

Methotrexate

- **Contraindicated in pregnancy**
- **Not associated with ILD**
- Needs folate at some point during the week, not day of MTX
- SEs: cytopaenias, rash, nausea/vomiting, ulcers, hair loss, LFT derangement

Leflunomide

- **Contraindicated in pregnancy**
- SEs: cytopaenias, nausea/vomiting, LFT derangement, **peripheral neuropathy**

Hydroxychloroquine

- SEs: nausea/vomiting, **retinal toxicity** (>5 years use) 'bulls eye maculopathy', prolonged QTc
- Evidence of slightly increased risk of cleft palate in pregnancy – but balance risk of active disease

Sulfasalazine

- SEs: **idiopathic agranulocytosis**, allergic reactions, orange urine and tears, rash, gut upset

Monitoring required csDMARDs

Methotrexate, Sulfasalazine & Leflunomide – Bloods minimum every 3 months FBC, eLFTs, CRP, ESR, Rule 3 exemption form, initially monthly

Plaquenil – no specific blood monitoring, suggest check FBC, eLFTs, CRP, ESR every 6 – 9 months including for disease activity, baseline eye review, then annual after 5 years, visual fields, more frequent higher risk eg. renal, increased age

Azathioprine & Mycophenolate – Bloods minimum every 3 months, initially every 4 weeks


Biologic & Targeted Synthetic DMARDs

- **Target particular immune pathways**
- **TNF inhibitors** – Adalimumab, Infliximab, Golimumab, Certolizumab, Etanercept
- **IL-6 inhibitor** – Tocilizumab
- **IL-17A inhibitors** – Secukinumab, Ixekizumab
- IL-12/23 inhibitor – Ustekinumab
- IL-23 inhibitor - Guselkumab
- **Anti-CD20** – Rituximab
- **CTLA4 analogue** - Abatacept
- **JAK inhibitors** – Baricitinib, Tofacitinib, Upadacitinib



Monitoring Biologics/tsDMARDs

- **Don't give live vaccines** (MMR, Zostavax, Japanese encephalitis virus, Rotavirus); **can provoke non-melanoma skin cancers**
- Generally withheld in infections & preceding large surgeries (data mostly based on an American orthopaedic study of joint replacements)
- **Bloods - Every 6 months** unless also on conventional DMARD, or renal impairment, elevated LFTs etc.
- **CRP and ESR & joint count** required to meet PBS criteria for funding for continued medication – dependent on disease
- Joint count & bloods – evidence of improvement compared to baseline each assessment
- BASDAI – for AS or axial SpA
- **Initial script for 16 weeks**, need to assess after 12 weeks, thereafter **6 month** supply each approval
- Application/script by rheumatologist/clinical immunologist



Case 2 - Connective Tissue Disorders

34 yr old female Mrs CK

Malar rash, oral ulcers, alopecia, joint pains in hands 3 months, no swelling

Acute presentation with chest pain

O/E:

Malar rash, alopecia

Tender PIPs 2-5 bilateral, no swelling

CVS - Dual HS, muffled

ECG – ST elevation & PR segment depression, changes of pericarditis

History

- FH – Mother RA
- SH – smoker, alcohol – 10 units per week, Lives with husband and 1 year old daughter



Investigations to order

FBC, eLFTs

CRP & ESR

RF & Anti-CCP

ANA

ENA if ANA is positive

Anti-dsDNA, complement C3/C4, Urine microscopy & PCR if ANA positive

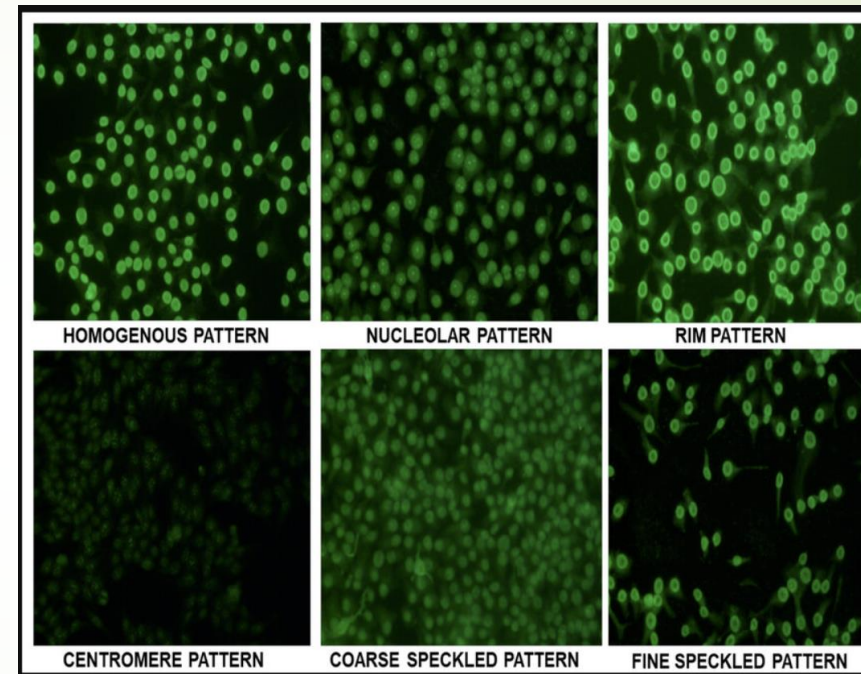
ANCA & MPO/PR3 titres

Imaging – x-rays of affected joints, CXR

TTE

Blood tests & Urinalysis

- Hb 100 ↓, WCC 11
- CRP 60, ESR 50 ↑
- ANA 640 homogeneous
- ENA - Ro & La antibodies
- Anti-dsDNA 30 ↑
- Complement C3 0.9g/l & C4 0.1g/l low
- Urine microscopy – protein, no RBCs, no casts
- Urine PCR – mildly up 22mg/mmol



Treatment



SLE – Plaquenil, dependent on organ involved
eg. joints – Methotrexate, cardiac –
mycophenolate or Azathioprine, Rituximab



ANCA vasculitis – Prednisolone initially,
dependent on organ involved & type eg. EGPA,
GPA



Scleroderma - ?CREST or diffuse Scleroderma,
dependent on organ involved, pulmonary
hypertension, ILD



Myositis - dependent on type eg.
Dermatomyositis, necrotizing immune mediated
myopathy – Prednisolone, Methotrexate,
Mycophenolate if ILD, IVIG, Rituximab



Referral Pathway

Via Smart Referrals for public – to Central Processing Centre, Metro North

Clinical Prioritisation Criteria for Rheumatology – on QLD Health website

Guide to conditions under scope of Rheumatology & category


Tests to order eg. bloods, imaging for each condition

Minimum referral criteria for each condition

Conditions included: RA, Psoriatic arthritis, Spondyloarthritis, Gout, Connective tissue disorders, GCA, PMR, Osteoarthritis

Not included – Hypermobility/EDS


Hypermobility/EDS



The International Consortium
on Ehlers-Danlos Syndromes
& Related Disorders
A Non-Profit Organization

**Diagnostic Criteria for Hypermobile
Ehlers-Danlos Syndrome (hEDS)**

This diagnostic checklist is for doctors across
all disciplines to be able to diagnose EDS

Developed by
 The Ehlers-Danlos Society

Patient name: _____ DOB: _____ DOW: _____ Evaluator: _____

The clinical diagnosis of hypermobile EDS needs the simultaneous presence of all criteria, 1 and 2 and 3.

CRITERION 1 – Generalized Joint Hypermobility


One of the following selected:

☐ ≥6 pre-pubertal children and adolescents

☐ ≥5 pubertal men and women to age 50

☐ ≥4 men and women over the age of 50

Beighton Score: ____/9



If Beighton Score is one point below age- and sex-specific cut off, two or more of the following must also be selected to meet criterion:

☐ Can you now (or could you ever) place your hands flat on the floor without bending your knees?

☐ Can you now (or could you ever) bend your thumb to touch your forearm?

☐ As a child, did you amuse your friends by contorting your body into strange shapes or could you do the splits?

☐ As a child or teenager, did your shoulder or kneecap dislocate on more than one occasion?

☐ Do you consider yourself "double jointed"?

CRITERION 2 – Two or more of the following features (A, B, or C) must be present

Feature A (five must be present):

☐ Unusually soft or velvety skin

☐ Mild skin hyperextensibility

☐ Unexplained striae distensae or rubae at the back, groins, thighs, breasts and/or abdomen in adolescents, men or pre-pubertal women without a history of significant gain or loss of body fat or weight

☐ Bilateral piezogenic papules of the heel

☐ Recurrent or multiple abdominal hernia(s)

☐ Atrophic scarring involving at least two sites and without the formation of truly papyraceous and/or hemisclerotic scars as seen in classical EDS

☐ Pelvic floor, rectal, and/or uterine prolapse in children, men or nulliparous women without a history of morbid obesity or other known predisposing medical condition

☐ Dental crowding and high or narrow palate

☐ Anisodactyly, as defined in one or more of the following:

☐ (i) positive wrist sign (Walker sign) on both sides, (ii) positive thumb sign (Steinberg sign) on both sides

☐ Arm span-to-height ratio >105

☐ Mitral valve prolapse (MVP) mild or greater based on strict echocardiographic criteria

☐ Aortic root dilation with Z-score >+2

Feature A total: ____/12

Feature B

☐ Positive family history; one or more first-degree relatives independently meeting the current criteria for hEDS

Feature C (must have at least one):

☐ Musculoskeletal pain in two or more limbs, recurring daily for at least 3 months

☐ Chronic, widespread pain for ≥3 months

☐ Recurrent joint dislocations or frank joint instability, in the absence of trauma

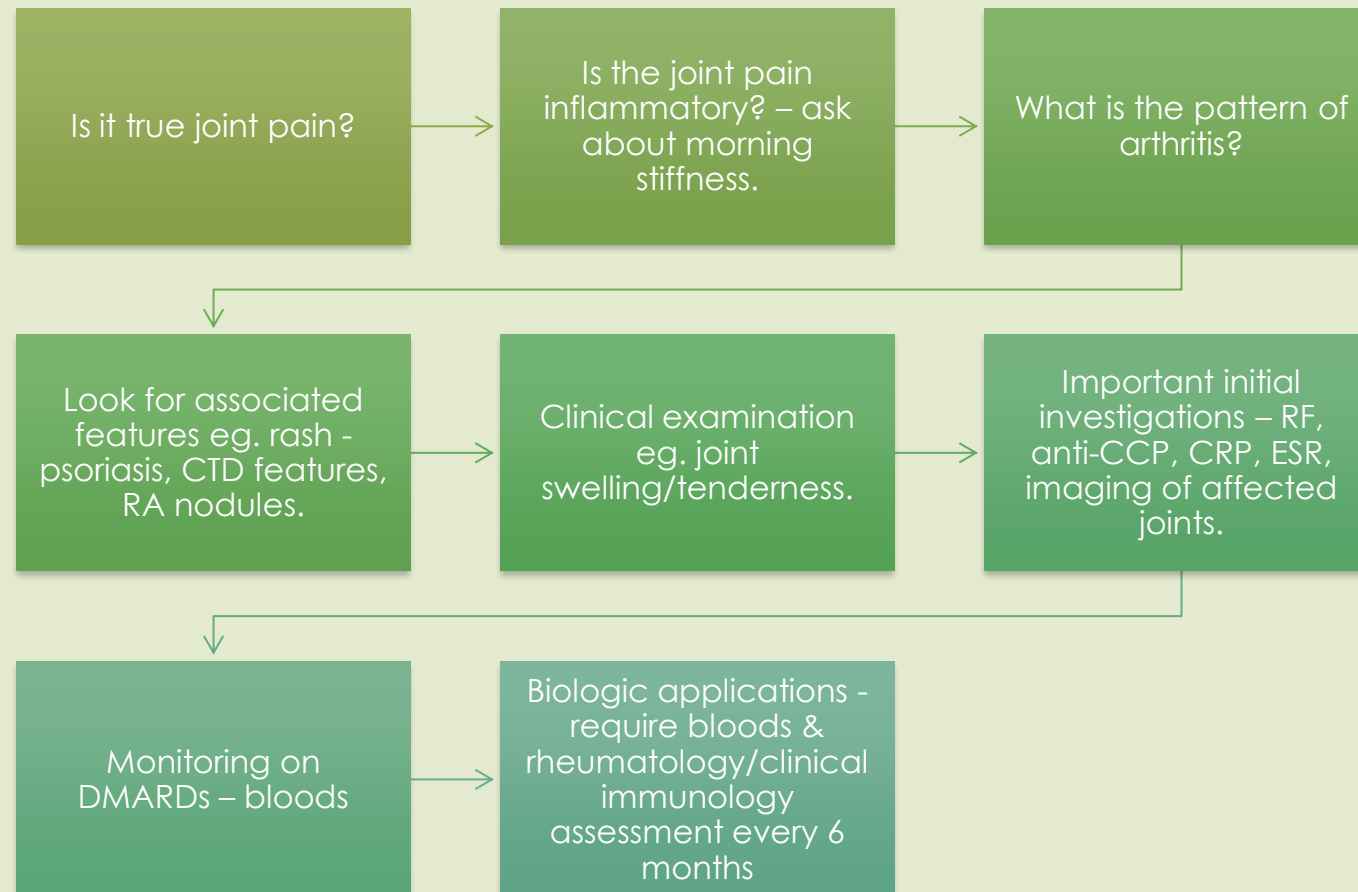
CRITERION 3 – All of the follow prerequisites MUST be met

1. Absence of unusual skin fragility, which should prompt consideration of other types of EDS
2. Exclusion of other heritable and acquired connective tissue disorders, including autoimmune rheumatologic conditions. In patients with an acquired CTD (e.g. Lupus, Rheumatoid Arthritis, etc.), additional diagnosis of hEDS requires meeting both Features A and B of Criterion 2. Feature C of Criterion 2 (chronic pain and/or instability) cannot be counted toward a diagnosis of hEDS in this situation.
3. Exclusion of alternative diagnoses that may also include joint hypermobility by means of hypotonia and/or connective tissue laxity. Alternative diagnoses and diagnostic categories include, but are not limited to, neuromuscular disorders (e.g. Bethlem myopathy), other hereditary disorders of the connective tissue (e.g. other types of EDS, Loeys-Dietz syndrome, Marfan syndrome), and skeletal dysplasias (e.g. osteogenesis imperfecta). Exclusion of these considerations may be based upon history, physical examination, and/or molecular genetic testing, as indicated.

Diagnosis: _____

Take home points:

Inflammatory arthritis



Take home points: Connective Tissue Disorders



If clinical symptoms and signs of CTD eg. rash, oral ulcers, alopecia, Raynaud's, muscle weakness – check ANA



If ANA positive – then check ENA, anti-dsDNA, Complement C3/4, Urine microscopy & PCR



If muscle weakness or myalgia – check CK



Vasculitis features eg. oral/nasal ulcers, fevers, weight loss, cardiac/resp symptoms – check ANCA & MPO/PR3



Early referral to rheumatologist



Can contact rheumatology team if queries

Thank you

- ▀ DR SRIVIDYA KATIKIREDDI
- ▀ RHEUMATOLOGIST
- ▀ THE PRINCE CHARLES HOSPITAL
- ▀ CADOGAN MEDICAL, NUNDAH

Background

Assessment

Assessment

1. Take a history – ask about:

- symptoms suggesting CTDs ▼.
 - risk factors ▼.
2. Examine the patient. Look for signs of CTDs ▼.
 3. Arrange investigations:
 - Pathology:
 - Perform urine dipstick – for proteinuria.
 - Arrange baseline investigations ▼.
 - Only arrange antinuclear antibody (ANA) ▼ if strong suspicion of a CTD (i.e., a combination of signs and symptoms of systemic rheumatic disease).
 - Consider additional laboratory investigations ▼ guided by specific disorder suspected.
 - Imaging:
 - Consider chest X-ray if signs or symptoms of pleuritis or pericarditis, or B symptoms.
 - Consider ultrasound of salivary glands if gland enlargement.
 - Histology – consider skin biopsy if rash present.
 4. Consider differential diagnosis ▼.

Management

Management

1. If patient significantly unwell or with signs or symptoms of significant organ dysfunction, request *acute rheumatology assessment*.
2. For all other patients with suspected CTD, request *non-acute rheumatology assessment*.
3. If significant:
 - skin manifestations, request *non-acute dermatology assessment*.
 - eye symptoms (e.g., iritis, uveitis), request *acute ophthalmology assessment*.
4. Consider prescribing *medications* ▼.
5. Provide *patient education* □ and discuss *lifestyle interventions* ▼.
6. Consider preparing a General Practice Chronic Condition Management Plan (GPCCMP).
7. Consider requesting:
 - *exercise physiology* for tailored exercise program.
 - *physiotherapy* for physical therapies for pain.

How to: Request Advice

Dr James Martin
*GPLO | Metro North Health & Brisbane North
PHN*



Request for Advice | How to request advice

The screenshot displays the 'Smart Referrals' interface within the Queensland Government's health system. The main window is titled 'Request recipient' and shows details for a patient named James METRONORTH (DOB: 1 Jan 1980). The form is for a 'Request for Advice' from a Rheumatology service at REDCLIFFE HOSPITAL.

Request recipient details:

- Patient name: James METRONORTH (DOB: 1 Jan 1980)
- Service location: Rheumatology - Request for Advice - Metro North - REDCLIFFE HOSPITAL - 37 4 km
- Request type: Request for advice - clinical question
- Priority: Urgent

Request for Advice section:

Please write your clinical question here. Please provide enough clinical information to

Investigations and imaging section:

- Standard clinical information
- Patient information
- Insurance information
- Referring GPs information
- Supporting documentation

Buttons at the bottom:

- Mark request
- Refresh content
- Cancel request
- Missing form

Left sidebar (Patient History):

- James METRONORTH
- Today's notes
- First visit
- Current Rx
- Address: 45mg/0.5ml Pen device 1 P
- Epipen 0.5mg/0.5ml Pen device 1 P
- Generic Request 2.5mg Solution for etha
- Generic 100/5 100mg/5mg/5mg T
- First history
- Active
- Inactive
- Investigations
- Investigation reports
- Correspondence In
- Correspondence Out
- First prescriptions
- Observations
- Family/Genetic history
- Clinical images
- Enhanced Primary Care

Right sidebar (Data recorded):


To	Date recorded
21/11/2021	21/11/2021
21/11/2021	21/11/2021
21/11/2021	21/11/2021

Bottom status bar:

Currently logged in: Dr Fred Finbarr (Main Surgeon) | Friday 21/11/2021 05:10:05 PM

Request for Advice | Receiving advice

Correspondence inbox:



Dear

Re:
DOB:
Request Type: Request For Advice
SSRID:

Thank you for your advice request for to the Urology service at Metro North HHS - ROYAL BRISBANE & WOMEN'S HOSPITAL.

A specialist clinician has reviewed the information on the request for advice and has provided the following outcome - Advice provided.

Advice Details:

Regarding the Clinical Question:

Dear Urologist,
I am writing to refer my patient for a second opinion regarding recent investigation findings.

Presented for a review of results following investigations for scrotal discomfort, which has since resolved. Reports of nocturia.

Investigations:
Scrotal ultrasound: Normal. No scrotal abnormality. Symmetrical testicular blood flow.
Abdominal/Kidney ultrasound: Mildly enlarged prostate at 47mL. Post-void residual urine volume 16mL. No focal bladder wall thickening.
PSA: 0.63 (Previous result a few years ago was 0.86).

Referral Details:
Requesting a second opinion and advice regarding the mildly enlarged prostate

ROYAL BRISBANE & WOMEN'S HOSPITAL would like to provide the following Advice:

Dear Doctor,

Your request for advice has been reviewed by
She advises your patient's prostate is no cause for concern.

A post void residual less than 100ml is not concerning. The prostate volume has no correlation to cancer risk.

Clinical Advice Provided By:

Please do not hesitate to contact Metro North HHS - ROYAL BRISBANE & WOMEN'S HOSPITAL if you have any questions.

Smart Referrals patient view:

Smart Referrals

Queensland Government Smart Referrals

Dr Fred Findacure

Patient name: Timothy GOLDCOAST DOB: 01 Jan 1980




Patient view Practice view

Request advice Create referral

Patient view - Timothy GOLDCOAST

Parked requests Active requests Closed requests

Search Filters Read table

Submitted date (P)	Request type (T)	Specialty and condition (T)	Requestor (T)	Provider (T)	SSRID (T)	Status (T)	
04 Nov 2022	Advice	Gynaecology - Cervical polyp (Gynaecology) (Adult)	Dr Fred Findacure	Gold Coast	0004292105	Referral recommended	
04 Nov 2022	Advice	Gynaecology - Cervical polyp (Gynaecology) (Adult)	Dr Fred Findacure	Gold Coast	0004292140	More info required	
04 Nov 2022	Advice	Gynaecology - Abnormal cervical screening / cervical dysplasia / abnormal cervix (Gynaecology) (Adult)	Dr Fred Findacure	Gold Coast	0004292132	Advice provided	

Copy request Copy to referral Close request

Powered by UPAC CS © 2022

How to: Request for Advice case studies

Dr Laurel Young
Staff Specialist - Rheumatology
Redcliffe Hospital



Request for Advice

RFA's

—

Dr Laurel Young

Background



- RFA – request for advice, eConsults
 - Asynchronous
 - Respond on platform



Why would you use RFA?

- Reasons for advice
 - Diagnosis
 - Interpretation of clinical findings
 - Interpretation of prior testing
 - Diagnostic workup
 - Management
 - General management
 - Should I refer?
 - Drug Treatment
 - Indications for initiating therapy
 - Change in dose or stopping drug
 - Adverse effects/Interactions
 - Procedure

Australian study

-
- Russell et al IMJ 2022
 - PAH endocrine started Nov 2020
 - All within 3 days responses, 92.5% within 24hrs
 - 40 eConsults
 - Average time to do eConsult – 14.2mins
 - Rated 97% excellent by GPs
 - New or additional course of action 68%, confirmed course of action 32%, avoided need for referral 55%

Background

-
- What happens to the eConsult advice?
 - US and Canadian studies – 65-86% compliance with advice
 - Why not?
 - Belief of another diagnosis
 - Drug recommended already taken
 - eConsult too late

What we have done so far

-
- Proposed in Rheum stream by Medicine stream lead Dec 2022 – Connecting your Care
 - Started in Jun 2023 RDH for Redcliffe postcodes only
 - Widened to all of Metro North in Jul 2025
 - Not for known patients – that query should go to team/consultant directly

Patients so far

- 2023 – 5 pts
- 2024 – 19 pts
- 2025 – 5 pts
 - 5 out of area (beyond Metro North), many not Redcliffe in first 2 years
 - 2 known to service already
 - Av days to complete 7.3 (longer in first year), av now 4.6 days
 - 4 nurses responded
 - 2 required referral

Example RFA

-
- May 2024
 - 38yo male indigenous
 - 6wks numbness in hands and feet – multiple times/day
 - Change in colour of feet (photo taken)
 - Thought to be Raynauds
 - Painful, does not help when changes temperature
 - Not had before
 - ANA 1/1280 speckled

Response

-
- Could be autoimmune issue with Raynauds but cannot define without review and further blood test
 - Told to keep extremities warm especially in winter
 - Allow referral

Example of RFA

-
- May 2024
 - 83yo female
 - Fall 5 wks before, hit head on concrete on L side – did not go to ED
 - Seen 2 wks ago – tender over L zygomatic, temporal area, blurry vision on L eye
 - CT – nad
 - Worsening blurry vision, double vision L eye, tender over temporal region and scalp
 - Pain worse at night – chewing and talking
 - Chronic shoulder and hip pain, never had PMR, previous THR
 - Not responding to NSAIDs, Panadol
 - ? GCA

Response

-
- Rang GP 6 days after received RFA
 - Has already started pred 50mg/day on day of RFA but did not help headache and no change in vision
 - Had ordered ESR, CRP but still not done
 - Was not RDH catchment (Nanango) – so had to advise to ring for TA biopsy at local service and get bloods ASAP regardless
 - Stay on pred at present

Examples of RFAs

-
- Feb 2025 – 36yo
 - Joint pain in the small joints of the hand and lower back for the last 5 years – now getting worse. Associated early morning stiffness (EMS) and lasts sometimes all day. Fatigue and facial rashes
 - Bloods ESR 16, RF neg, ANA neg
 - Grandmother ? Inflammatory arthritis (IA)
 - Question - ? IA

Response

- Did not get to me
- Told to refer to Rheum

Example RFA

-
- Direct question to my colleague for known patient – struggling to get on top of pt's leg ulcers – statis eczema, infection, possible nutritional deficiencies and ? Capillaritis
 - Asking if related to RA

Response

—

Had been seen in clinic 2 days after RFA sent – CN sent letter from clinic directly back to GP

Example RFA

-
- May 2025
 - 71yo female currently managed with bilateral shoulder and hip pain with possible PMR
 - Initially had headache and blurred vision L eye
 - Treated with pred 15mg/day
 - ESR, CRP normal
 - Doppler temporal and carotid arteries – nad
 - Optometry review nad
 - Ongoing MSK symptoms
 - Awaiting Rheum review – seeing in late Jun 2025
 - Question - ? Continue, taper or cease steroids while waiting review

Response

-
- Considering normal ESR, CRP – would start weaning pred 2.5mg every wk to 10mg and then 1mg/wk reduction until seen. If worse when weaning pred, repeat bloods and US shoulder and lateral hips to see if degen pathology before Rheum appt

Example RFA

-
- May 2025
 - Pos ENA in 28yo with back pain, stiffness and Hashimotos
 - LBP – morning, improves with stretching and warming up, significant help with NSAID, radiates to both hips
 - Examination – some pain on forward flexion lumbar spine, some SIJ tenderness
 - ? AS
 - ENA Ro60pos

Response

-
- 2 problems
 - 1. Ro pos, ANA 1/80 speckled dsDNA neg, Hashimotos.
 - 2. Back pain with some EMS, response to NSAID, HLA B27 neg, ESR, CRP normal, may not be inflammatory and not ENA related
 - Asked if any sicca symptoms
 - With low ANA/ENA may not be significant but if develops sicca sx would send referral to Rheum as may be mild AI disease
 - With back pain – would do SIJ xray and if normal and back pain persists, MRI SIJ – if to be done by specialist – needs referral

Conclusions

1. RFAs have some utility in reducing referrals and waitlists
2. RFAs a means for communication/liaison with GPs – alternative is ringing for advice – harder to get the right person?
3. Expansion of program may highlight to HHS to dedicate FTEs to this service
4. Not suitable for all patients – urgent issues