

ASKING THE  
HARD QUESTIONS:

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*What You Should Be  
Talking About with Newly  
Diagnosed Patients with*

# RHEUMATIC DISEASE



# The Purpose of This Document

Rheumatology nurses and advanced practice providers (APPs), including nurse practitioners and physician assistants, work on a regular basis with patients who have been recently diagnosed with rheumatic disease. This is a key time for patients who are learning about what it means to live with their disease and who often need appropriate, evidence-based information to allay their concerns. This pocket guide includes a short summary of the evidence supporting some of the most common issues you should be talking about with your newly diagnosed patients. We hope you find this guide informative and useful.



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## How would you describe your pain?

In addition to being one of the defining symptoms of rheumatic disease, pain is also one of the most troubling symptoms for patients. Chronic pain undermines the ability to perform daily activities and has a significant impact on quality of life.<sup>1</sup> Although pain often accompanies inflammation, non-inflammatory pain may occur as well.<sup>2</sup>

One approach to pain assessment uses the acronym WILDA to ensure five key components are incorporated: Words, Intensity, Location, Duration, and Aggravating and alleviating factors.<sup>3</sup> Words used to describe pain help to differentiate types of pain, such as neuropathic, somatic, or visceral pain, and guide selection of appropriate interventions. Quantifying pain intensity using a pain scale



standardizes clinical assessment between providers and tracks its ups and downs over time. It is not uncommon for patients to have more than one area of pain, and asking patients to point to specific painful areas can be helpful. Describing the duration of pain can help identify exacerbations and breakthrough pain in those with chronic pain. Asking patients to identify things that make their pain better or worse and to discuss how pain affects daily activities can help with planning and managing pain interventions.

It is also important to keep in mind that psychosocial factors such as recent bad news, sadness, and depression can intensify pain. Finally, be sure to ask newly diagnosed patients about other symptoms that may be contributing to their pain, as well as any side effects of pain treatments. Some patients may stop taking analgesics altogether because of intolerable side effects.<sup>3</sup>

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# TELL ME ABOUT YOUR PAIN

## WORDS TO DESCRIBE PAIN

aching	throbbing	shooting	dull
stabbing	gnawing	sharp	crampy
tender	burning	exhausting	radiating
tiring	penetrating	nagging	deep
numb	miserable	unbearable	squeezing

### **Pain in other languages:**

*itami* - Japanese

*dolor* - Spanish

*tang* - Chinese

*douleur* - French

*dau* - Vietnamese

*bolno* - Russian

## INTENSITY (0-10)

If 0 is no pain and 10 is the worst pain imaginable,  
what is your pain now? ...in the last 24 hours?

## LOCATION

Where is your pain?

## DURATION

Is the pain always there?

Does the pain come and go? (Breakthrough Pain)

Do you have both types of pain?

## AGGRAVATING AND ALLEVIATING FACTORS

What makes the pain better?

What makes the pain worse?

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### **How does pain affect:**

sleep

energy

relationships

appetite

activity

mood

### **Are you experiencing any other symptoms?**

nausea/vomiting

itching

urinary retention

constipation

sleepiness/confusion

weakness

### **Things to check:**

vital signs, past medication history, knowledge of pain,  
and use of noninvasive techniques

## Do you use any dietary supplements or alternative medications to help manage your condition?

Treatment of musculoskeletal pain is one of the most common reasons for use of complementary and alternative medicine in the United States.<sup>1</sup> The use of dietary supplements is prevalent among individuals with arthritis.<sup>2</sup> Approximately 24% and 47% of individuals with gout and rheumatoid arthritis (RA), respectively, use dietary supplements compared with 18% of all adults.<sup>3-5</sup> There seems to be a willingness to “try anything” in the search for a cure among individuals with chronic disease.<sup>6</sup> In addition, a significant percentage of the general public is increasingly concerned about wellness and fitness, reject the use of chemicals,





and are suspicious of increasing costs of drugs by companies who they believe have ignored more natural products because their use cannot be patented.

Unfortunately, only a fraction of patients who use dietary supplements tell healthcare providers about the use of these products.<sup>4,7</sup> According to one published review, only 30% of RA patients report the use of dietary supplements to their clinicians, although 91% of patients who use dietary supplements receive concomitant pharmacologic treatment.<sup>4</sup> Given that the use of dietary supplements continues to rise among the general population, greater awareness of patient practices with regard to dietary supplements is warranted.<sup>8</sup> The American College of Rheumatology (ACR) recognizes the growing interest in complementary and alternative medicine and supports the integration of approaches that have been proven safe and effective.<sup>9</sup> Healthcare providers are encouraged to be proactive and inquire about patient interest and use of complementary health approaches instead of ignoring their use as “someone else’s problem.” Open discussions provide an opportunity for providers and patients to examine potential risks and benefits of specific approaches together. It also allows providers to direct patients to reliable sources of information such as the National Center for Complementary and Integrative Health and the Arthritis Foundation so that they can make more informed decisions about complementary health approaches.<sup>9-11</sup>

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## What type of exercise, if any, do you incorporate into your weekly routine?

Regular physical activity is key to improving and maintaining good health, especially in patients with rheumatic disease.<sup>1</sup> Not only does regular physical activity improve cardiovascular fitness and muscle strength, it also helps to reduce pain, increase energy, improve quality of life, and maintain a healthy body weight.<sup>2,3</sup> Even better, the benefits of physical activity start immediately after exercising and can be achieved even with brief periods of activity.

According to the U.S. Department of Health and Human Services, all adults, including those with chronic health conditions, should engage in at least 150 minutes of



moderate-intensity physical activity each week. This equates to 30 minutes a day, five times per week. Alternatively, individuals who are able can engage in vigorous-intensity aerobic activity or a combination of moderate- and vigorous-intensity exercise for 75-150 minutes spread throughout the week. Additionally, individuals should also incorporate strength training into their regimen two or more days each week.<sup>1</sup>

It is important to remember that not all patients will be able to meet these recommendations for physical activity, especially those with more severe rheumatic disease. Nevertheless, all individuals should avoid inactivity by engaging in regular physical activity to the best of their abilities.<sup>1</sup> One important caveat for patients with rheumatic disease: physical activities performed at a competitive or elite level, such as marathon running, are typically not recommended for individuals with inflammatory arthritis or joint problems as these may exacerbate their condition.<sup>3</sup>

Consulting with a healthcare professional or physical activity specialist can help individuals with chronic conditions match the types and amounts of activity appropriate to their abilities.<sup>1</sup> In general, recreational activities that are low impact, that can be performed without pain, and have a low risk of joint injury are recommended for individuals with arthritis.<sup>1,3</sup> Examples include walking, swimming, tai chi, and many muscle-strengthening exercises. Stretching

## Physical Activity Recommendations for Adults<sup>1</sup>

### ADULTS NEED A MIX OF PHYSICAL ACTIVITY TO STAY HEALTHY

#### MODERATE- INTENSITY AEROBIC ACTIVITY\*

Anything that gets your heart beating faster counts.



at least  
**150**  
minutes  
per week



AND

#### MUSCLE- STRENGTHENING ACTIVITY

Do activities that make your muscles work harder than usual.



at least  
**2**  
days per  
week



*\*If you prefer vigorous-intensity aerobic activity (like running), aim for at least 75 minutes a week.*

If that's more than you can do right now,  
**do what you can.** Even 5 minutes of  
physical activity has real health benefits.

can also help reduce joint stiffness and improve range of motion.<sup>1</sup>

Therapeutic exercises may need to be prescribed to help individuals who have been inactive or address specific joints or body parts affected by their condition.

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## Do you have any concerns about gaining or losing weight?

Obesity is common among patients with rheumatic disease.<sup>1</sup> Approximately one-quarter of patients with lupus, psoriatic arthritis, and RA, and more than half of all patients with gout, are obese.<sup>2-5</sup> In RA, which has been most extensively studied, obesity also appears to disproportionately affect women compared to men.<sup>5,6</sup>

Obesity is typically associated with poorer patient outcomes, especially among patients with chronic conditions.<sup>7</sup> Obese individuals diagnosed with rheumatic disease experience more frequent attacks, more joint pain, greater disability, and faster disease progression compared with non-obese patients.<sup>8-11</sup>



Fat tissue is no longer considered a passive bystander among patients with rheumatic disease, but is now known to actively produce a wide variety of adipokines that function in part by regulating the immune response.<sup>12</sup> Although data are still unclear, adipokines are suspected of contributing to the proinflammatory state and bone damage experienced by patients with rheumatic disease.<sup>13,14</sup>

At the same time, these inflammatory cytokines also play a role in the development of cardiovascular disease and diabetes, conditions for which patients with RA are known to be at increased risk.<sup>14-16</sup> Finally, obesity decreases the chance of achieving adequate disease control.<sup>5,17</sup> Certain disease-modifying antirheumatic drugs (DMARDs), including some anti-TNF inhibitors, do not work as well in patients who are obese.<sup>18,19</sup> Patients with rheumatic disease should therefore strive to maintain a healthy weight to better control their disease.

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## Is your disease interfering with your ability to work or participate in school?

According to the Centers for Disease Control and Prevention (CDC), 8 million working age adults (ages 18 to 64 years) are limited in their ability to work because of arthritis.<sup>1</sup> One study found that 20% of patients with RA stopped working within 2 years and 32% stopped within 5 years of diagnosis because of their disease.<sup>2</sup> For children with rheumatic disease, patients often take longer to complete schooling and are less likely to complete higher levels of education.<sup>3,4</sup> Another study found that working individuals with RA miss nearly 14 days of work each year compared to 10 days in adults without RA.<sup>5</sup> Even while at work, disease-related effects such as joint stiffness in fingers and wrists can limit patients' productivity.<sup>6</sup>

Individuals with a rheumatic disease may be able to continue working with job modifications that accommodate their unique symptoms. This means, of course, that patients requiring specific accommodations have to tell employers about their chronic health condition, which can be stressful. Individuals with rheumatic disease often fear being judged by peers, losing opportunities for advancement, and even being fired.<sup>7</sup>

Under the Americans with Disabilities Act, any company with 15 or more employees is required to provide reasonable accommodations to individuals with any impairment that substantially limits one or more major life activities.<sup>8</sup> Individuals can ask for modifications such as the following:<sup>9,10</sup>

- Ergonomic workstations
- Flexible hours or telecommuting during times of symptom flare
- Flexible dress code that allows for more comfortable clothing options
- Parking spaces that are close to the building

An occupational or physical therapist may be able to provide additional suggestions for workplace accommodations to patients and employers. A trial period can help to identify additional adjustments that may be needed.<sup>10</sup>

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## Do you sometimes find that you feel down or depressed?

One out of every 8 patients with arthritis reports feeling depressed, and nearly 1 of every 4 patients has anxiety.<sup>1</sup> Asking patients about anxiety and depression is a key part of preventive care. The U.S. Preventive Services Task Force recommends depression screening for all individuals ages 12 years and older.<sup>2</sup> Regular screenings for depression and anxiety can lead to early identification of these issues, which translates into earlier care and potentially improved outcomes.<sup>3</sup>

Providers can use the two- and nine-item Patient Health Questionnaires (PHQ) to help guide their conversations with patients who they feel are showing signs of depression.<sup>4</sup> A score of 3 or more on the PHQ-2 is considered positive for depression.



PHQ Screening Tools for Depression<sup>5</sup>

Over the past two weeks, how often have you been bothered by any of the following problems?	Not at all	Several days	More than half the days	Nearly every day
PHQ				
Little interest or pleasure in doing things	0	1	2	3
Feeling down, depressed, or hopeless	0	1	2	3
PHQ-9				
Little interest or pleasure in doing things	0	1	2	3
Feeling down, depressed, or hopeless	0	1	2	3
Trouble falling or staying asleep, or sleeping too much	0	1	2	3
Feeling tired or having little energy	0	1	2	3
Poor appetite or overeating	0	1	2	3
Feeling bad about yourself— or that you are a failure or have let yourself or your family down	0	1	2	3
Trouble concentrating on things, such as reading the newspaper or watching television	0	1	2	3
Moving or speaking so slowly that other people could have noticed; or the opposite— being so fidgety or restless that you have been moving around a lot more than usual	0	1	2	3
Thoughts that you would be better off dead or of hurting yourself in some way	0	1	2	3

PHQ-2 scoring: A score of  $\geq 3$  is considered a positive result. The PHQ-9 or a clinical interview should be completed for patients who screen positive.

PHQ-9 scoring: 1 to 4 points = minimal depression, 5 to 9 points = mild depression, 10 to 14 points = moderate depression, 15 to 19 points = moderately severe depression, 20 to 27 points = severe depression.



## GAD-7 Screening Tool<sup>7</sup>

Over the past two weeks, how often have you been bothered by the following problems?	Not at all	Several days	More than half the days	Nearly every day
GAD-7				
Feeling nervous, anxious, or on edge	0	1	2	3
Not being able to stop or control worrying	0	1	2	3
Worrying too much about different things	0	1	2	3
Trouble relaxing	0	1	2	3
Being so restless that it is hard to sit still	0	1	2	3
Becoming easily annoyed or irritable	0	1	2	3
Feeling afraid as if something awful might happen	0	1	2	3

GAD scoring: 1-5 = mild anxiety, 6-10 = moderate anxiety, 11-15 = severe anxiety

Patients with a positive PHQ-2 result should undergo additional screening with the PHQ-9 or a clinical interview.

PHQ-9 scores provide a broader classification of results that range from minimal to severe depression. Patients with a positive PHQ-9 result should undergo a follow-up evaluation to confirm the diagnosis.<sup>4,5</sup>

Similar to the PHQ tools, the general anxiety disorder (GAD)-7 can be used to screen patients who may be showing signs of anxiety.<sup>6,7</sup> Scores of 5, 10, and 15 are designated cut-off values for

probable mild, moderate, and severe anxiety, respectively.<sup>7</sup> Further evaluation is recommended for patients with scores of 10 or more.

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## How many times each week do you think you miss a dose of your prescribed medications?

Studies of patients with rheumatic disease indicate that medication adherence rates range from 15-80%.<sup>1-5</sup> This means that patients miss taking prescribed doses of medications anywhere between once a week to as many as five days each week. Not only can medication nonadherence lead to poor disease control, but it can also contribute to an individual's perception that they are less capable of engaging in other healthy behaviors such as eating a healthy diet and engaging in physical activity. It may also restrict their ability to openly communicate with their providers.<sup>6</sup>



Reasons for nonadherence vary, and there is often more than a single cause.<sup>7</sup> Poor adherence can frequently be caused by patients' beliefs about their disease and medication, including doubt regarding the necessity for medication to treat their condition, differences between medications, potential side effects, how or when to take medications, and perceptions that medications are failing to control pain and inflammation.<sup>6,8</sup> Forgetfulness, running out of medication, side effects, life events, and the presence of other comorbid illnesses can also contribute to missed doses.<sup>7,8</sup>

Understanding that medication adherence is a healthcare team priority may help motivate patients to achieve adherence goals.<sup>9</sup> Patients are more likely to prioritize tackling self-management issues such as medication adherence if they view it as the following:<sup>9</sup>

- Relatively easy or realistic to overcome
- Important and/or pressing
- A comfortable topic to discuss
- Something that they have been told to or think they should work on

Research also shows that providers who directly address patient concerns about their condition and its treatment are more likely to be adherent to prescribed therapy.<sup>10</sup> These discussions are aided when patients feel comfortable with healthcare team members and view them as ready to assist in their care.<sup>9</sup>

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## Do you anticipate potentially having trouble paying for your medications?

Research shows that out-of-pocket costs for disease modifying antirheumatic drugs (DMARDs) and biologic therapies have steadily increased over the past several years. In 2013, RA patients paid an average of \$145 out-of-pocket per prescription.<sup>1</sup> More recently, a 2019 analysis by the Kaiser Family Foundation showed that Medicare patients with RA were expected to spend between \$4,400 to \$5,500 over the course of a year on specialty medications (ie, biologics).<sup>2</sup> Unfortunately, the higher the out-of-pocket cost, the less likely patients are to fill their prescriptions.<sup>3</sup>



At the same time, approximately one-third of patients with RA or psoriatic arthritis face access restrictions to DMARDs by insurance plans requiring prior authorization or step-therapy approaches.<sup>4</sup> Private payers frequently have coverage policies that are more restrictive than corresponding U.S. Food and Drug Administration labels or American College of Rheumatology recommendations.<sup>5</sup> Failing to try multiple rounds of less expensive drugs is one of the more common reasons for denying coverage for biologics.<sup>6</sup>

Patient support programs from drug manufacturers are available for most biologics and small molecules used to treat rheumatic disease.<sup>6,7</sup> These specialty programs have been shown to reduce medical costs as well as improve medication adherence and persistence.<sup>8</sup>

Programs offer help with navigating insurance coverage and issues with reimbursement. Often, financial assistance is available. The type of financial assistance varies between programs, but co-pay cards, prescription rebates, patient assistance programs, and help with identifying foundations and nonprofit organizations that offer patient financial support are common. Most programs can be found by visiting drug manufacturer websites.

Medication	Manufacturer Program	Phone Number
Abatacept (Orencia)	Orencia On Call	1.800.ORENCIA (1.800.673.6242)
Adalimumab (Humira)	Humira Complete	1.800.4HUMIRA (1.800.448.6472)
Anakinra (Kineret)	Kineret ON TRACK and Kineret on TRACK Guidance	1.866.547.0644
Belimumab (Benlysta)	Benlysta Gateway	1.877.4BENLYSTA (1.877.423.6597)
Certolizumab pegol (Cimzia)	CIMplicity®	1.844.599.CARE (1.844.599.2273)
Etanercept (Enbrel)	Enbrel Support™	1.888.4ENBREL (1.888.436.2735)
Golimumab (Simponi)	Janssen CarePath	1.877.CarePath (1.877.227.3728)
Infliximab (Remicade)	Janssen CarePath	1.877.CarePath (1.877.227.3728)
Ixekizumab (Taltz)	Taltz® Together™	1.844.344.8108
Pegloticase (Krystexxa)	KRYSTEXXACONnect	1.888.KRYSTEXXA (1.888.579.7839)
Rituximab (Rituxan)	Genentech Rheumatology Access Solutions®	1.877.474.8892
Sarilumab (Kevzara)	KevzaraConnect	1.844.COSENTYX (1.844.267.3689)
Secukinumab (Cosentyx)	COSENTYX® Connect	1.844.COSENTYX (1.844.267.3689)
Tocilizumab (Actemra)	Genentech Rheumatology Access Solutions® ACTEMRA & You	1.855.RACOPAY (1.855.722.6729)
Tofacitinib (Xeljanz)	XELSource Financial Help Xeljanz + You	1.855.4XELJANZ (1.855.493.5526)
Ustekinumab (Stelara)	Janssen CarePath	1.877.CarePath (1.877.227.3728)



## Patient and Provides Resources Website

[www.orencia.com/savings-support/on-call-patient-support](http://www.orencia.com/savings-support/on-call-patient-support)

[www.humira.com/humira-complete](http://www.humira.com/humira-complete)  
[www.humirapro.com/humira-complete](http://www.humirapro.com/humira-complete)

[www.kineretrx.com/ra/kineret-on-track](http://www.kineretrx.com/ra/kineret-on-track)  
[www.kineretrx.com/hcp/practice-support](http://www.kineretrx.com/hcp/practice-support)

[www.kineretrx.com/hcp/practice-support](http://www.kineretrx.com/hcp/practice-support)  
[gskpro.com/en-us/products/benlysta/access-support/accessing-benlysta/](http://gskpro.com/en-us/products/benlysta/access-support/accessing-benlysta/)

[www.cimzia.com/cimply-ity-program](http://www.cimzia.com/cimply-ity-program)  
[www.cimziahcp.com/patient-support](http://www.cimziahcp.com/patient-support)

[www.enbrel.com/support/enbrel-support-program](http://www.enbrel.com/support/enbrel-support-program)  
[www.enbrel.com/hcp/professional-resources](http://www.enbrel.com/hcp/professional-resources)

[www.janssencarepath.com/patient/simponi/patient-support](http://www.janssencarepath.com/patient/simponi/patient-support)  
[www.janssencarepath.com/hcp/simponi](http://www.janssencarepath.com/hcp/simponi)

[www.remicade.com/rheumatoid-arthritis/remicade-support/medication-cost-support/commercial-insurance](http://www.remicade.com/rheumatoid-arthritis/remicade-support/medication-cost-support/commercial-insurance)  
[www.janssencarepath.com/hcp/remicade](http://www.janssencarepath.com/hcp/remicade)

[www.taltz.com/patient-support](http://www.taltz.com/patient-support)  
[www.taltz.com/hcp/enrollment-forms](http://www.taltz.com/hcp/enrollment-forms)

<https://www.krystexxa.com/support/>  
[www.krystexxahcp.com/reimbursement-center](http://www.krystexxahcp.com/reimbursement-center)

[www.rituxanforra.com](http://www.rituxanforra.com)  
[www.rituxanforra-hcp.com](http://www.rituxanforra-hcp.com)

<https://connect.cosentyx.com/cosentyxsignup/#>  
<https://www.cosentyxhcp.com/>

<https://connect.cosentyx.com/cosentyxsignup/#>  
<https://www.cosentyxhcp.com/>

[www.actemra.com](http://www.actemra.com)  
[www.actemrahcp.com](http://www.actemrahcp.com)

[ra.xeljanz.com/rheumatoid-arthritis-support-resources](http://ra.xeljanz.com/rheumatoid-arthritis-support-resources)  
[www1.pfizerpro.com/product/xeljanz/ra](http://www1.pfizerpro.com/product/xeljanz/ra)

<https://www.janssencarepath.com/hcp/stelara>

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Do you know if you are up to date on recommended vaccinations, such as a flu shot, pneumonia vaccine, and tetanus vaccine? Do you have a record of these?

Immunizations are especially important for patients with rheumatic disease. Many of the immunosuppressive agents used to treat these conditions interfere with the body's inflammatory response. While this activity is helpful in relieving painful inflammation, it can also inhibit the body's ability to fight off infections.<sup>1</sup>

Vaccination rates among patients with rheumatic disease remain low.<sup>2-4</sup> One large cohort study found



that approximately two-thirds of patients with RA did not receive annual influenza vaccinations and less than half of patients had received pneumococcal vaccinations.<sup>4</sup> Receiving a vaccination prescription from a healthcare provider is one proven way to improve these rates, making it an important component of initial patient discussions.<sup>5,6</sup>

Individuals with rheumatic disease who are planning to begin or are already receiving immunosuppressive treatment should receive the following inactivated vaccines:<sup>7-9</sup>

- Pneumococcal 13-valent conjugate vaccine (PCV13)
- Pneumococcal 23-valent polysaccharide vaccine (PPSV23)
- Annual influenza vaccine

Patients with additional risk factors, such as those with HIV infection or high sexual exposure risk, intravenous drug users, and healthcare professionals, should receive hepatitis A, hepatitis B, meningococcal serogroups A, C, W, Y, and meningococcal serogroup B vaccines.<sup>7,9</sup> Individuals who are not current with other routinely recommended immunizations, including tetanus and diphtheria (Td) or tetanus, diphtheria, and pertussis (Tdap), and human papilloma-

virus vaccine, should undergo immunization. The exceptions to this are for live vaccines such as measles, mumps, and rubella (MMR), varicella (VAR), and the live zoster vaccine (ZVL) due to the fact that immune suppressed individuals may be at greater risk for adverse reactions with live attenuated vaccines.<sup>9</sup>

American College of Rheumatology guidelines specifically recommend that patients with RA who are  $\geq 50$  years of age be given the herpes zoster vaccine prior to beginning biologic therapy or tofacitinib.<sup>7</sup> By asking about vaccination histories, providers can improve coverage and reduce the risk of vaccine-preventable illnesses in their patients.

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## Do you have any travel plans in the next year?

Whether traveling for business or pleasure, individuals with rheumatic disease should take steps to plan ahead to make their experiences smoother and more enjoyable.<sup>1,2</sup>

Websites from organizations such as the Arthritis Foundation and the Society for Accessible Travel & Hospitality provide a variety of tips and practical advice on travel.<sup>2,3</sup> Many accommodations are available that can make travel easier if individuals ask about them.

Prior to travel, healthcare providers should remember to remind patients about their medication requirements. This includes making sure patients have enough medication to take with them, that they know how to adapt medication schedules



to changes in time zones and how to properly travel with medications (ie, keeping medications in carry-on items and not checked baggage), that they have a plan for storing medications that require refrigeration during travel and at their destination, and that they know what to do if medications are lost or run out. Patients should carry information about their condition with them, along with a list of current medications and health insurance information. Some patients who use injectable medications may need a note from a prescribing clinician in case they are asked about these injectables during airport security screenings.<sup>1,4</sup>

If foreign travel is planned, providers and patients should review any immunizations that are recommended for intended destinations. In general, live vaccines such as yellow fever and MMR vaccines are contraindicated in immunosuppressed individuals. Itinerary changes should be strongly considered for immune compromised travelers who are unable to receive recommended immunizations.<sup>5</sup>

Finally, patients should be provided with basic information that can help make travel more comfortable. You may want to advise patients to move around and stretch, even while seated, to prevent stiffness. Suggest wearing comfortable shoes and using rolling suitcases with four wheels that spin on the bottom. Finally, remind them to not be afraid to ask for help if they need it.<sup>1,4</sup>



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## Are you planning to try to conceive within the next 12 months?

Rheumatic disease and certain treatments used to control disease are known to affect reproduction and fetal health. Compared with healthy individuals, women with rheumatic disease have fewer births, an overall shorter period of reproduction, and more difficulty achieving subsequent pregnancies.<sup>1</sup> One large study found that among a group of women with RA who were trying to become pregnant, 42% took more than 12 months to conceive.<sup>2</sup>

In men, disease data surrounding infertility remain less clear.<sup>3</sup> However, several drugs have the potential to affect sperm cells. In particular, men should consider discontinuing cyclophosphamide, methotrexate, and sulfasalazine for



a period of 3 months prior to conception.<sup>2,3</sup> Men should also consider discontinuing leflunomide.<sup>3</sup> Leflunomide can remain in the body for up to 2 years, requiring a cholestyramine washout to reduce drug levels.<sup>3,4</sup>

Most women with rheumatic disease can have successful pregnancies with careful medical and obstetric management. However, patients must be aware that possible complications for both mother and child can arise. In particular, diseases that can affect the kidneys, such as lupus and antiphospholipid syndrome, are more likely to cause issues with pregnancy than others.<sup>5</sup>

For women wishing to conceive, the ACR recommends postponing pregnancy until the patient's disease is well controlled for at least 3-6 months.<sup>5</sup> Women should discontinue medications with known deleterious effects on pregnancy and undergo a washout, if necessary, at least 3 months prior to conceiving.<sup>3</sup> As long as medications are not harmful to the child, women should remain on their current treatments to prevent disease flares during pregnancy. Although safety information is incomplete, there are several available medications that are considered acceptable for use during pregnancy and while nursing.<sup>5</sup> Newer medications may lack recommendations regarding use during pregnancy.<sup>3</sup>

## Medication Guidance During Pregnancy and Lactation<sup>5</sup>

Medication	Safe to Use During Pregnancy?	Safe to Use During Lactation?
NSAID	Yes (avoid after 32 weeks)	Yes
Sulfasalazine	Yes	Yes
Antimalarials	Yes	Yes
Corticosteroids	Yes	Yes
Cyclosporine	Yes	Probably Yes
Azathioprine	Yes	Probably Yes
Mycophenolate	No	No
Methotrexate	No	No
Cyclophosphamide	No	No
Anti-TNFs	Yes	Yes
Rituximab	No	No
Warfarin	No (with caution, only after first trimester)	Yes
Heparin	Yes	Yes

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## What questions do you have for me?

A strong partnership between patients and their providers is increasingly recognized as a key component to managing rheumatic disease. Tailored education empowers patients and facilitates a process of shared decision-making that in turn informs all aspects of disease management.<sup>1,2</sup> Communication is central to this process and no visit, therefore, should end before patients have a chance to ask their providers any questions on their mind.

Research shows that the nature of patient interactions with providers can have a significant impact on patient outcomes.<sup>3,4</sup> Active and positive patient participation is associated with feelings of being understood, increased participation in the decision-making process, greater treatment satisfaction, and more



positive beliefs about current and future health. In turn, this leads to better control of inflammation, pain, and other symptoms, along with fewer medication-related side effects.<sup>3</sup> Engaging patients is therefore critical for establishing a trusting patient-provider relationship that allows patients to feel confident about their care.<sup>5</sup>

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Supported by educational grants  
from **AbbVie**, **Gilead**, and **Pfizer**.

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