**Supplementary File 1.** Qualitative Patient Feedback in response to the question: What is the most important thing your regular doctor (family doctor, internist or primary care doctor) treating you for gout can do make your gout treatment most successful and most satisfactory for you?

|  |
| --- |
| **Education** |
| 1 | Covering everything to know about prevention for gout |
| 2 | 1st time getting this, had blood test, waiting for results |
| 3 | Inform me on new treatments |
| 4 | Information |
| 5 | Provide me with information |
| 6 | Provide more info |
| 7 | Provide more information on gout diet. Explain that gout is a type of arthritis and if untreated can cause permanent damage. |
| 8 | Provide up to date information on gout research, provide lifestyle changes and continue treating uric acid levels |
|   |   |
| **Effective Physician-patient Communication** |
| 1 | Listen to my needs. Also help me with diet and exercise plan to lower uric acid lever |
| 2 | LISTEN. He asks specific questions but doesn't listen to anything I try to add outside the answers to those questions. |
| 3 | Care |
| 4 | Long term solution |
| 5 | Long term treatment |
| 6 | Long term treatment with no flares |
| 7 | Look into natural treatments, and encourage the use of it if more effective |
| 8 | Keep reminding me to follow gout protocols |
| 9 | Know what he is talking about |
| 10 | Let me call instead of having to come in his office |
| 11 | Maintain control |
| 12 | Make it easier to get access to him, I am basically self-treating with Colchicine and Indomethacin, I am self testing UA Blood levels |
| 13 | Explain to me what is going on and what we can do to make it better |
| 14 | Explore potential root causes for the condition |
| 15 | Provide authoritative advice |
| 16 | Med |
| 17 | Medications |
| 18 | More thorough diagnostic |
| 19 | My regular doctor didn't diagnose my gout, he calls it diabetic nerve pain. Would like him to be more up-to-date with medical education and diagnosis. |
| 20 | More information  |
| 21 | More sound advice |
| 22 | Take it seriously |
| 23 | Stop being apathetic. Actually, I need to get a new doctor. |
| 24 | Talk positively how to control gout |
| 25 | Teach me how to prevent attacks |
| 26 | Teach me |
| 27 | Work with Me |
| 28 | Treat me with herbal medicine |
| 29 | Understands how gout affects me at 42 years old |
| 30 | Pay more attention and give sound advice! |
| 31 | Follow up |
| 32 | Follow up result |
| 33 | Send me to specialist if he cannot get it under control |
| 34 | Since I have so many medical issues and take a lot of medicine he doesn’t want to add more medicine I’m fear of liver or kidney damage. Yet I suffer greatly. With fibromyalgia I feel like I’m in a constant storm. |
|   |   |
| **Diet and Lifestyle modification recommendations** |
| 1 | Watch my diet and improve my lifestyle |
| 2 | What lifestyle changes can be made to prevent flare-ups |
| 3 | Non-conflicting dietary advice |
| 4 | My diet and loose weight |
| 5 | Talk about diet |
| 6 | Provide diet |
| 7 | Meds and diet |
| 8 | Making sure that I am in the know of what to do and eats to control the gout |
| 9 | Help me with my diet...what are / are not Gout related foods. |
| 10 | Lifestyle |
| 11 | Lifestyle change |
| 12 | Limit certain foods and drink |
| 13 | List of foods prevent gout |
| 14 | If he could provide me with more detailed purines contents of foods |
| 15 | Give a better list of foods that i can eat |
| 16 | Give me a diet |
| 17 | Give me better advise |
| 18 | Follow food diet for gout |
| 19 | Food |
| 20 | Food management |
| 21 | Give me more info about diet |
| 22 | Give me natural ways of treatment instead of pushing pills |
| 23 | Give me other options |
| 24 | Emphasizing proper diet and hydration |
| 25 | Encourage my existing lifestyle changes which I instigated after one sudden gout attack |
| 26 | Explain diet |
| 27 | Explain diet for my gout |
| 28 | Explain my options |
| 29 | Diet and lifestyle changes and no medication. I've had bad reactions to other medications previously and would like to avoid them. |
| 30 | Diet education |
| 31 | Diet food |
| 32 | Diet plan to follow and medications that do not cause diarrhea |
| 33 | Diet planning, weight loss program and meds |
| 34 | Discuss lifestyle |
| 35 | Don’t eat internal organ meat |
| 36 | Drink water and minimize purine intake |
| 37 | Educate me on diet |
| 38 | Education |
| 39 | Education and what medication will help the most |
| 40 | Education in diet |
| 41 | Education, medication, continued uric acid testing |
| 42 | Choose the best diet |
| 43 | Comprehensive diet plan |
| 44 | Change my diet |
| 45 | Avoiding triggers food |
| 46 | Be available and discuss diet |
| 47 | Better idea of a diet so that I can stay off of medication |
| 48 | Hydrate your body |
| 49 | Avoid alcohol |
| 50 | Educate more on natural nutrition and give something for immediate pain |
|   |   |
| **Serum urate level monitoring and lowering to target** |
| 1 | Blood tests for Uric acid levels |
| 2 | Controlling uric acid |
| 3 | Confirm SUA levels |
| 4 | Check uric acid levels periodically |
| 5 | Check uric acid |
| 6 | Reduce uric acid levels |
| 7 | Reducing my uric acid level to under 6 |
| 8 | Not just use clinical diagnosis, opt for factual testing |
| 9 | Obtain uric acid levels. Try different medication |
| 10 | Monitor my serum urate levels |
| 11 | Monitoring uric acid levels and providing prescription to manage flare ups and medication to lower uric acid levels |
| 12 | More information on how to lower my levels |
| 13 | Lower uric acid |
| 14 | Lower uric acid without the use of allopurinol |
| 15 | Lowering Uric acid levels to help reduce the severity and frequency of attacks |
| 16 | Maintenance meds and monitoring |
| 17 | Keep an eye on the uric acid numbers |
| 18 | Keep checking uric acid levels via blood tests |
| 19 | He reminds me how important it is to watch the uric acid intake |
| 20 | He should refer me a nutritionist to get a gout meal plan |
| 21 | Help lower Uric Acid levels as I previously had stage 3 kidney failure due to an intentional poisoning. I had two attacks this year lasting over 1 month each. |
| 22 | Help reduce Uric acid levels |
| 23 | Help me keep my uric acid levels below 6 |
| 24 | Uric level monitoring |
| 25 | We monitor my uric acid levels yearly, they are stable. I have gouty arthritis, not actual gout. |
| 26 | To prevent Uric acid forming plus diet advice |
| 27 | Test blood |
| 28 | Be more specific about gal take more blood test during visits for your acid levels |
| 29 | Adjusting the dose of allopurinol, and monitoring Uric acid levels |
| 30 | Give me something to reduce the uric acid level |
| 31 | Higher frequency of blood tests |
| 32 | How do I eliminate Uric acid |
| 33 | How to completely remove gout and fastest treatment for pain |
| 34 | Give me uric acid lowering medicine |
| 35 | Continue with current level and develop a strategy to lower uric acids to reduce number of flares |
| 36 | Do regular tests and help me keep it under control |
| 37 | Prescriptions to help with pain and lower the Uric acid |
| 38 | Constantly check uric acid levels -lower it and prescribe pain relief |
|   |   |
| **Pain management and Flare prevention** |
| **1** | Better pain management |
| **2** | A very good pain killer |
| **3** | Provide pain management |
| **4** | Relieve my pain & discomfort |
| **5** | Relieve the pain |
| **6** | Relieve the pain |
| **7** | Shots in my foot to ease pain |
| **8** | Something for pain |
| **9** | Stop flares |
| **10** | Take pain away |
| **11** | Treat the severe pain |
| **12** | To reduce the pain so i can walk |
| **13** | Instant pain relief as needed |
| **14** | Help prevent future attacks |
| **15** | Help reduce the flares |
| **16** | Find something that eliminates the pain, swelling and inflammation |
| **17** | Helping me eliminate pain |
| **18** | Ease the pain |
| **19** | Eliminate it and make sure it doesn’t come back |
| **20** | Get rid of the pain since i am unable to do anything when it flares up |
| **21** | Be more flexible in prescribing anti-inflammatory. Indomethacin makes me feel horrible, I'd prefer to try prescription strength naproxen, which I know I can tolerate. |
| **22** | Advise me on a preventative solution |
| **23** | Do something to the pain |
| **24** | No flare ups |
| **25** | Need to relieve the symptoms |
| **26** | No pain |
| **27** | Pain medication |
| **28** | Pain management |
| **29** | Prevent attacks |
| **30** | Prevent recurrence |
| **31** | Preventative medication |
| **32** | Prevention Treatment |
| **33** | Provide guidelines to prevent flares |
| **34** | Recommend ways to prevent attacks rather than prescribe long term medication |
| **35** | Make the pain go away |
| **36** | Management of pain |
|  |   |
| **Medication and overall Management** |
| **1** | Cure |
| **2** | Carry on with medication and my foot dressings changed often |
| **3** | Find a medication that will not further damage my only kidney |
| **4** | Find a medicine that works. I take 1200mg of allopurinol daily & my uric acid level is still above 10. |
| **5** | Find the root cause and advise/provide medicine for preventing future attacks |
| **6** | Find the winning formula to stop the pain! Give me something that works for more than a couple of days |
| **7** | Give me the best medications to combat the problem |
| **8** | Have a complete plan to manage gout |
| **9** | Have surgical removal of tophi buildup |
| **10** | Keep it under control |
| **11** | Just prescribing medicine for my gout |
| **12** | Increase my meds |
| **13** | Proper analysis diagnosis comprehensive knowledge of gout necessity to dissolve uric crystals deposits all vear not only in joints |
| **14** | Proper maintenance with correct drug and diet |
| **15** | PRESCRIBE COLCHICINE |
| **16** | Prescribe me something to help! |
| **17** | The cortisol shot |
| **18** | Steroids |
|  |   |
| **Medication Side effects** |
| **1** | When we put people on Medications such as Allopurinol we need to monitor their liver function to see if its’ hurting them! |
| **2** | Allopurinol |
| **3** | Change medication |
| **4** | A faster, permanent resolution rather than a lifelong medication. Also a faster means of dissolving gout crystals. |
| **5** | Treatment with no side affects |
| **6** | Take into account any adverse effects of medication |
| **7** | Proper medications |
| **8** | Prescribed lopid capsule 300. this has given me a lot of trouble. entire body started itching. I stopped it. Now i take apple cider vinegar. |
| **9** | Talk about alternative treatment |
|  |   |
| **Prescription Refills** |
| **1** | Keep me filled on pills so I don't run out during an attack |
| **2** | Keep my prescription up to date |
| **3** | Make sure i have on hand anything needed to treat right away |
| **4** | Give me enough medicine to have on hand to treat the random flare ups when they occur |
|  |   |
| **Other** |
| **1** | I don't know what can be done |
| 2 | I don't want meds to control my gout |
| **3** | I don’t have a regular doctor because I do not have insurance |
| 4 | I have no doctor |
| **5** | I haven't had any problems until recently with periodic pain in foot |
| 6 | just diagnosed at most recent visit...will monitor going forward |
| **7** | I haven’t been to my family doc in a few years due to moving |
| 8 | I'd like doctors to have more curiosity on the cause of the illnesses. Most seem happy to give a pill and send me on my merry way. I don't want to simply cover up my symptoms. |
| **9** | New to me. Only had the one attack. Am trying diet. |
| 10 | No idea yet |
| **11** | None; seeing a different GP today |