

Supplementary File 1A. Prior Patient Paper Form Based on MASRI & BMQ

PatientName: _____	
DOB: _____	
MR #: _____	UW Health (University of Wisconsin Hospitals and Clinics Authority)
Index to Notes/Encounter	
Date: _____	Medication: _____

LUPUS MEDICATION ASSESSMENT

Sometimes people take all of their Lupus medication exactly as prescribed. For many reasons, however, people may NOT take their Lupus medication as prescribed. **Your input is very valuable** for your healthcare team, so:

1. Please think about your medication use during the past month. How much of the amount of medication prescribed to you did you **take** during the last month?
For example, 50% means that I took half of what was prescribed; 100% means that I always took what was prescribed.

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

More than 100%, occasionally I took more than I was prescribed (check if yes)

2. Please think about your experience with Lupus medication. Rate how often each of the following statements have been or are true for you by placing an (x) on the line.

	Never	Some-times	Often	Always
I find it hard to pay or get enough refills for this drug.				
I have difficulty taking all my drug doses on time as prescribed.				
I'm concerned about side effects I get from this drug. <i>E.g. stomach pain, weight problems, eyesight problems etc.</i>				
I worry about interactions with my diet, diseases, other drugs, & supplements.				
I am unclear about the benefits of this drug for my disease.				
I am concerned about the long-term effects from this drug.				
I don't understand if this drug is working for me .				
Describe other concerns or information needs :				

Supplementary File 1B. Prior Paper Adherence Tool Items Based on MASRI & BMQ

Step 1. Self-report on last month's adherence using a 0-140% MASRI VAS; If <80% adherence – Proceed to Step 2; If ≥80% – Stop

Step 2. Choose barrier category
(6 BMQ categories)

Step 3. Crosswalks from Step 2. to categorized strategy options

System <i>Inability to get refills</i>	➔	Arrange transport services, use auto-refills, 90-day supplies
Motivation <i>Short-term med side effects</i>	➔	Conduct motivational interview, strategies to manage adverse effects, alternative anti-malarial options
Understanding <i>Lack of clarity on med role & response</i>	➔	Use teach back, simple language, visual aids, involve caregivers and family
Motivation & Understanding <i>Long-term side effects & damage related concerns</i>	➔	Discuss expected outcomes, use teach back, simple language, treatment recommendations and visual aids
Recall <i>Forgetfulness</i>	➔	Consolidate doses, use pillboxes, or phone reminders, involve family
Financial <i>Inability to afford med</i>	➔	Offer low cost alternatives or other pharmacies, offer coupons, co-pay assist

MASRI=Medication Adherence Self-Report Inventory; BMQ=Brief Medication Questionnaire; VAS=Visual Analogue Scale