	nda				
Investigator:	District:				
An Adverse Drug Reaction (ADR) is <u>any</u> response to a drug normally used by patients.					
HEALTH FACILI	TY CHARACTERISTICS				
1. Type of health facility (<i>Tick one only</i>)	2. Level of health facility (<i>Tick one only</i>)				
[1] Public	[1] National Referral [5] Health Centre III				
[2] Private Not-for-Profit	[2] Regional Referral [6] Health Centre II				
[3] Private <u>For-Profit</u>	[3] District Hospital [7] Private Hospital				
	[4] Health Centre IV [8] Other				
SOCIO-DEMOGRAPHIC CHAR	ACTERISTICS OF PARTICIPANT				
3. Gender	4. How old are you (in complete years)?				
[1] Male					
[2] Female PROFESSIONAL CHARA	CTERISTICS OF PARTICIPANT				
5. In which sector(s) do you practice ? (<i>Tick all that apply</i>)	6. In which department are you? (Tick one only)				
[1] Public health facility	[1] Medicine				
[2] Private Not-for-Profit health facility	[2] Surgery				
[3] Private For-Profit health facility	[3] Paediatrics				
	[4] Obstetrics & Gynaecology				
	[5] Dentistry				
	[6] Pharmacy				
	[7] Other (Specify)				
7. What is the approximate number of patients you see per day?	8. For how long have you been working in this health facility? Months (If less than 1 year) Completed Years				
9. What is your highest academic qualification? (<i>Tick one only</i>)	10. For how long have you been practicing since you qualified with your highest academic training?				
[1] Certificate	Months (If less than 1 year)				
[2] Diploma	Completed Years				
[3] First Degree					
[4] Masters Degree					
[5] PhD					
11. Do you teach medical students?	12. If yes, duration of practice in a teaching hospital				
[1] Yes [2] No (If no, go to 13)	Months (If less than 1 year) Completed Years				

13. Are you actively involved in medical research?	14. Professional Cadre (Tick one only)				
[1] Yes [2] No	[1] Doctor (go to 15)				
	[2] Pharmacist (go to 22)				
	[3] Nurse (go to 19)				
	[4] Clinical officer (go to 23)				
	[5] Pharmacy Technician (go to 22)				
	[6] Other (Specify)				
15. Position/Level of Doctor (<i>Tick one only</i>)	16. For how long have you been prescribing?				
[1] Senior Consultant	Months (If less than 1 year) Completed Years				
[2] Consultant	completed rears				
[3] Medical Officer Special Grade					
[4] Medical Officer					
[5] Senior House Officer					
[6] Intern Doctor					
[7] Other (specify)					
17. What is the approximate number of prescriptions you write per day?	18. Have you given verbal prescriptions/orders to the attending nurse in the past 12 months?				
	[1] Yes [2] No (<i>Skip to 23</i>)				
19. Which of the following cadre category describes your qualification? (<i>Tick one only</i>)	20. In some health facilities, nurses usually write out (transcribe) drug prescriptions from patients' medical records to medication charts. Are you				
[1] Enrolled Midwife	required to transcribe prescriptions in your health				
[2] Enrolled Nurse	facility?				
[3] Enrolled Mental Health Nurse	[1] Yes [2] No				
[4] Enrolled Comprehensive Nurse					
[5] Registered Midwife					
[6] Registered Nurse					
[7] Registered Nurse/Midwife					
[8] Registered Mental Health Nurse					
[9] Registered Comprehensive Nurse					
[10] Other (specify)					
21. In practice, do you regularly transcribe prescriptions?	22. If pharmacist or pharmacy technician, area of practice (<i>Tick all that apply</i>)				
[1] Yes [2] No	[1] Hospital [3] Academia				
(<i>Skip to 23</i>)	[2] Industry [4] Community/Private				
SUSPECTED ADVERSE DRUG RE	ACTION (ADR) REPORTING PROGRAM				
23. Have you received any complaint of adverse drug	24. If yes, how many complaints of ADRs have you				
reactions (ADRs) from patients in the last 4 weeks?	received in the last 4 weeks?				
[1] Yes [2] No (If no, go to 25)					

25. Have you suspected an ADR in the last 4 weeks? [1] Yes [2] No (If no, go to 28)	26. If yes, how many ADRs have you suspected in the last 4 weeks?							
27. Briefly describe the most recent suspected ADR you encountered providing information on patient age involved & route of administration, outcome of ADR & its severity (mild, moderate, severe); e.t.c.								
28. Have you ever encountered a fatal ADR that might have led to a patient's death?	29. Have you reported any suspected ADR in the last 12 months?							
[1] Yes [2] No	[1] Yes [2] No (If No, go to 35)							
30. If yes, please indicate the period within which you reported the most recent suspected ADR	31. To which authorities did you report the most recent of these ADRs? (<i>Tick all that apply</i>)							
[1] [2] [3] [4] [5] 4 weeks 5-8 weeks 9-12 weeks 4-6 mo 7-12 mo	[1] National Drug Authority (NDA)							
	[2] AIDS Treatment Information Centre (ATIC)							
	[3] Drug Manufacturer							
	[4] Medical Superintendent							
	[5] District Director of Health Services (DDHS)							
	[6] Institutional Review Board (IRB)							
	[7] Other (specify)							
32. What motivated you to report the suspected ADR?	33. Did you get any feedback about the ADR report(s) you submitted?							
	[1] Yes [2] No							
24 Hove you reported on ADD to the National Drug								
34. Have you reported an ADR to the National Drug Authority in the past 12 months?	35. Have you wanted to report an ADR in the past 12 months but did not have the ADR report form?							
[1] Yes [2] No	[1] Yes [2] No							
36. Have you had an ADR suspicion in the past 12 months but did not fill the ADR report form even when you had it?								
[1] Yes [2] No	[1] Yes [2] No (If no, go to 39)							
38. If yes, what was the reason(s) that you did not send	39. Which of the following health workers are qualified							
the form on the most recent occasion?	to report adverse drug reactions? (Tick all that							
	apply)							
	[1] Medical doctors[4] Pharmacists[2] Dentists[5] Clinical Officers[3] Nurses							

 40. Pharmacovigilance relates to a reporting system for adverse effects of medicines. Have you ever heard about Pharmacovigilance? [1] Yes [2] No (If no, go to 42) 	 41. If yes, please state the source(s) of your information (Tick all that apply) [1] Books/Journals [2] Internet/e-communication [3] Trainings/Seminars/courses attended [4] Television [5] Outdoor adverts [6] Professional colleague [7] Others (Specify) 				
42. Are you aware of the existence of a National	43. If yes, do you know where the NPC office is				
Pharmacovigilance Centre (NPC) in Uganda?	located?				
[1] Yes [2] No (If no, go to 44)	[1] Yes [2] No				
44. Have you ever seen the ADR form used for reportin ADRs to the NPC?	g 45. If yes, have you ever filled out the NPC ADR form? [1] Yes [2] No (If no, go to 47)				
[1] Yes [2] No (If no, go to 48)					
46. Was the information on the NPC ADR form clear to you about what to report?	47. Have you ever filled out any ADR form different from that of the NPC?				
[1] Yes [2] No	[1] Yes [2] No				
48. Have you ever submitted an ADR report to the NPC?	49. Do you know where to obtain the NPC ADR forms in this health facility?				
[1] Yes [2] No	[1] Yes [2] No				
50. Do you know to whom to report ADRs in your healt facility?	h 51. If yes, please specify in your health facility to whom you would report an ADR if you had to?				
[1] Yes [2] No (If no, go to 52)					
52. An ADR reporting system should; (<i>Tick</i> all that apply)	53. Have you ever been trained on how to report ADRs with the ADR form?				
[1] be compulsory	[1] Yes [2] No				
[2] be voluntary					
[3] provide financial incentives to the reporter					
[4] hide the identity of the prescriber					
[5] hide the identity of the reporter					
[6] hide the identity of the patient					
54. Please suggest possible ways of improving ADR repo	orting				

Instructions

In the left column are questions that will be the subject of your evaluation and in the right column is a gradual scale where you should mark with **X** the place along the scale where, according to your opinion, represents your degree of agreement with the text comment. The **extreme left** side indicates **total disagreement** while the **extreme right** indicates **total agreement**. Agreement increases as you move across from left to right Please indicate whether you agree or disagree with the following statements

(1 = Strongly disagree; 2 = Slightly disagree; 3 = Neutral; 4 = Slightly agree; 5 = Strongly agree)

			Strongly Disagree			Agree Strongly		
	Statement	1	2	3	4	5		
55	Serious ADRs are well documented by the time a drug is marketed							
56	It is nearly impossible to determine whether a drug is responsible for a particular adverse reaction							
57	I would only report an ADR if I was sure that it was related to the use of a particular drug							
58	The one case of an ADR that an individual health worker might see makes no significant contribution to medical knowledge							
59	I read articles about adverse drug reactions with interest							
60	I have a professional obligation to report ADRs							
61	Reporting ADRs puts my career at risk							
62	It is only necessary to report serious or unexpected ADRs							
63	I do not have time to complete an ADR report form							
64	I do not have the time to actively look for ADRs while at work							
65	I do not know how information reported in ADR form is used							
66	I talk with pharmaceutical companies about possible ADRs with their drugs							
67	I think that the best way to report ADRs is by publishing in medical literature							
68	I should be financially reimbursed for providing the ADR service							
69	I would be more likely to report ADRs if there were an easier method							

Part B: Medication Error Reporting System (MERS)

A Medication Error (ME) is defined as any error in the process of prescribing, dispensing, or administration of					
medication irrespective of whether such error leads to patient harm or not.					
70. Do you think we should have a national system for	For71. The Medication Error Reporting System should;				
reporting Medication Errors (MEs)?					
	[1] be integrated with the ADR reporting system				
[1] Yes [2] No	[2] stand alone				
72. Reporting of Medication Errors should be;	73. Should medication error reporting relate only to				
[1] Mandatory [2] Voluntary	fatal adverse events?				
	[1] Yes [2] No				
74. Should patients participate in the reporting of MEs?	[1] Yes [2] No				

Instructions

In the left column are questions that will be the subject of your evaluation and in the right column is a gradual scale where you should mark with **X** the place along the scale where, according to your opinion, represents your degree of agreement with the text comment. The **extreme left** side indicates **total disagreement** while the **extreme right** indicates **total agreement**. Agreement increases as you move across from left to right Please indicate whether you agree or disagree with the following statements

(1 = Strongly disagree; 2 = Slightly disagree; 3 = Neutral; 4 = Slightly agree; 5 = Strongly agree)

		Strongly Disagree			→ Agree		
	Statement	1	2	3	4	5	
75	Reported MEs should be used to find the root causes of the MEs						
76	I would recommend a non-disciplinary approach to reporting to encourage health workers to report MEs						
77	There is lack of time for reporting MEs						
78	There is a culture of blame within healthcare						
79	There is need for organizational leadership and support in reporting MEs						
80	Personal details of the person who made an error are required to be reported						
81	The system should report both actual and potential MEs						
82	Medication errors are handled appropriately in this setting						
83	The culture in this health facility makes it easy to learn from the MEs of others						
84	I am more likely to make MEs in tense or hostile situations						
85	I have seen others make MEs that had the potential to harm patients						
86	Disruptions in continuity of patient care, such as shift changes, can be detrimental to patient safety						
87	I have made MEs that had the potential to harm patients						
88	Important issues are well communicated at shift changes						
89	I may hesitate to use a reporting system for MEs because I am concerned about being identified						
90	I should be financially rewarded for reporting MEs						
91	Minor medication errors should not be reported						