1

Appendix: Adverse Event Analysis Form

	STUDY ID NUMBER:
	MEDICAL RECORD REVIEW FORM
Instru	ctions: Please carefully complete all of the following sections
1.	Medical Record Number:
2.	Reviewer ID Number:
3.5.	Date of Admission:/ 4. Date of Discharge:/
6.	3. Expired Date of Review://
CAU	SATION
7.	Was there a medical injury?
7a.	If yes then describe:
7b. hospi	Did the injury result in a disability at the time of discharge and/or prolong the ital stay?
	1 = Disability 2 = Prolonged Hospital Stay 3 = Both
7c.	Please rate the severity of the disability 1. Up to 1 day of symptoms

- 2. Laboratory abnormality requiring only change in therapy
- More days of symptoms 3.
- Non-permanent disability 4.
- 5. Permanent disability
- 6. Death

Determination of Adverse Event

In you best judgment, is there evidence that medical management caused the patient's injury? In answering this question, consider when relevant the following questions and complete the appropriate boxes. 1 =

- Yes 8a. Is there a note in the medical record, which indicate or suggests that medical management caused the injury?
- 1 = Is there a note in the medical record which predict 8b. the possibility of an injury from the patient's disease:
- Does the timing of events suggest that the injury w 8c. ikely related to the treatment?
- Are there other reasonable competing explanation 8d. for the cause of the injury?
- 8e. Was there an opportunity prior to the occurrence of the injury for intervention, which might have prevented
- 1 = Yes2 =Possibly.
- 8f. Is there recognition that the intervention in question causes this kind of injury?

	1 = Widely recognized
	2 = Recog. by other
chaciali	oto

1 =

1 = Few

2 =

Some

Did the adverse event respond to new managemen 8g. to neutralize or modify the effects of former management

1 = Convincing response
2 = Suggestive response
 2 - N

After due consideration of the clinical details of the patient's management, and 8h. your response to the questions above, what level of confidence do you have that the medical management caused the injury?

Confidence Score:			
= Little or no evidence for management causation 2 = Slight to modest evidence for management causation Score			
3 = Management causation not likely; less than 50-50 but close call 4 = Management causation more likely than not, more than 50-50 but close cal 5 = Moderate/strong evidence for management causation 6 = Virtually certain evidence for management causation			
Classification of Adverse Event			
DIAGNOSTIC ERROR			
9. Was the adverse event the result of a diagnostic error (wrong/delayed diagnostic error) $\frac{1}{\text{Yes}}$			
9a. If yes then describe:			
9b. If yes, choose one of the following that best describes the diagnosti. 1. There was a failure to employ indicated test 2. There was failure to act upon results of tests or findings 3. Inappropriate or outmoded diagnostic tests were used 4. There was avoidable delay in diagnosis. 5. Physicians or other professionals were practicing outside their area of expertise. 9c. Were there other diagnostic errors?			
$1 = \frac{1}{\text{Yes}}$			
9d. If yes, then describe:			
9e. Reasons for error are not apparent? 1 = Yes			
OPERATIVE COMPLICATIONS			
10. Was the AE related to an operation or did it occur during The immediate (30 days) postoperative period? 1 = Yes 1 =			

1 = Technical problem. Specify:	7 = PE
	8 = CVA 9 = CHF
2 = Bleeding. Specify:	
	$11 = \Lambda MI$
3 = Wound infection	$\overline{12}$ = Pneumonia
4 = Non-wound infection	13 = Dysrhythmia
5 = Other wound problem.Specify:	Type:
·	14 = Other non-
technical Specify:	
6 = Other technical problem. Specify	
	1 =
	Yes 1 =
10b. Were there other operative problems?	
10b. Were there other operative problems?	

10d. Choose one of the following that best describes the complications:

- 1. The operation was inefficacious (failed to relieve symptoms)
- 2. The patient was inadequately prepared before the operation
- 3. There was avoidable delay in treatment.
- 4. There was inadequate monitoring of the patient after the operation.
- 5. Physicians or other professionals were practicing outside their area of expertice.
- 6. Inappropriate or outmoded forms of therapy
- 7. None of these apply.

10e. V	Vere there other performance errors?	Yes 1 =			
POST-PARTUM RELATED INJURY (Maternal)					
11. W	as the adverse event a post-partum injury?	Yes 1 =			
11a.	If yes indicate one of the following: 1. Infection 2. Hemorrhage 3. Other. Specify				
NEON	NATAL RELATED INJURY				
12. W	as the adverse event a neonatal injury?	Yes 1=			
12a.	If yes indicate one of the following: 1 = Forceps-induced palsy 2 = Fractured clavicle 3 = RSD 4 = Other. Specify:				
MED	ICAL RELATED INJURY				
	as this a procedure-related (non-surgical) injury as endoscopy or cardiac catheterization)?	Yes 1 =			
13a If	13a If yes then select on of the follow				
$1 = T\epsilon$	echnical problem. Specify:	7 = PE 8 = CVA			
$\frac{1}{2 = B}$	leeding. Specify:	9 = CHF 10 = DVT 11 = AMI			
4 = N	Yound infection 12 = on-wound infection ther wound problem. Specify:	Pneumonia 13 = Dysrhythmia Type:			
techni	cal Specify:	14 = Other non-			

6 = 0	Other technical problem. Specify			
	13b. Were there other procedure-related problems? 13c. If yes specify:			
13d.	Choose one of the following that best describes the complica	tion.		
	 The procedure was inefficacious (failed to relieve sym The patient was inadequately prepared before the proced There was avoidable delay in treatment. There was inadequate monitoring of the patient after the Physicians or other professionals were practicing outsi expertise. Inappropriate or outmoded forms of therapy None of these apply. 	edure ne procedure.		
13e. '	Were there other performance errors?	Yes 1 =		
13f. I	f yes describe:			
DRU	G RELATED INJURY			
13.	Adverse drug event? 1 = ADE 2 = potential ADE 3 = Exclude			
14.	Severity of ADE (select only one) 1.= Fatal ADE 2.= Life-threatening ADE 3.= Serious			

7

☐ Sedatives/hypnotics

☐ Steroid

☐ Respiratory

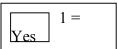
□ Other, specify:

☐ Topical, non-ophthalmic

8

19. Naranjo Algorithm : Attribution	NT.	D. M. (I	7
Yes 19.1 Are there previous conclusive reports on this reaction?	No +1	Do Not I	Snow 0
19.2 Did the adverse event appear after the suspected drug was administered?	+2	-1	0
19.3 Did the adverse reaction improve when the drug was disconting or a specific antagonist was administered?	nued +1	0	0
19.4 Did the adverse reaction reappear when the drug was readmin 0	istered'	? +2 -	-1
19.5 Are there alternative causes (other than the drug) that could or own have caused the reaction?	n their -1	+2	0
19.6 Did the reaction reappear when a placebo was given?	-1	+1	0
19.7 Was the drug detected in the blood (or other fluids) in concentrations known to be toxic?	+1	0	0
19.8 Was the reaction more severe when the dose was increased, or severe when the dose was decreased?	r less +1	0	0
19.9 Did the patient have a similar reaction to the same or similar of in any previous exposure?	lrugs +1	0	0
19.10 Was the adverse event confirmed by any objective evidence?	+1	0	0
TOTAL SCORE = _			
THERAPEUTIC ERROR			
20 Was this a therapeutic error (e.g. correct diagnosis But inappropriate therapy or delay in treatment)?		1 =	
20a. If yes then describe:			

FALLS



SYSTEM ERROR 22 Was the injury the result of a system error? 1. The AE resulted from defective equipment or supplies 2. The AE resulted because equipment or supplies 2. The was inadequate reporting or communication 4. There was inadequate training or supervision of MDs or other personnel 5. There was a delay in the provision or scheduling of services (e.g. lab tests, x-rays) 6. There was inadequate staffing 7. There was inadequate functioning of hospital services (e.g pharmacy, blood bank or housekeeping) 22b. Were there other system errors?	21 W	Vas the injury the result of a fall?	
22a. If yes, choose one of the following to describe the system experiment of the following		21a. If yes then describe:	
22a. If yes, choose one of the following to describe the system error? 1. The AE resulted from defective equipment or supplies 2. The AE resulted because equipment or supplies were not available 3. There was inadequate reporting or communication 4. There was inadequate training or supervision of MDs or other personnel 5. There was a delay in the provision or scheduling of services (e.g. lab tests, x-rays) 6. There was inadequate staffing 7. There was inadequate functioning of hospital services (e.g pharmacy, blood bank or housekeeping)			
22a. If yes, choose one of the following to describe the system error? 1. The AE resulted from defective equipment or supplies 2. The AE resulted because equipment or supplies were not available 3. There was inadequate reporting or communication 4. There was inadequate training or supervision of MDs or other personnel 5. There was a delay in the provision or scheduling of services (e.g. lab tests, x-rays) 6. There was inadequate staffing 7. There was inadequate functioning of hospital services (e.g pharmacy, blood bank or housekeeping)	SYST	ΓEM ERROR	
 The AE resulted from defective equipment or supplies The AE resulted because equipment or supplies were not available There was inadequate reporting or communication There was inadequate training or supervision of MDs or other personnel There was a delay in the provision or scheduling of services (e.g. lab tests, x-rays) There was inadequate staffing There was inadequate functioning of hospital services (e.g pharmacy, blood bank or housekeeping) 	22 W	Vas the injury the result of a system error?	
22c. If yes then describe:		 The AE resulted from defective equipment or supplies The AE resulted because equipment or supplies were not There was inadequate reporting or communication There was inadequate training or supervision of MDs or of There was a delay in the provision or scheduling of service rays) There was inadequate staffing There was inadequate functioning of hospital services (e.g. bank or housekeeping) Were there other system errors? 	available other personnel ces (e.g. lab tests, x-
	23 P	reventability – Implicit (select only one) 1 = No error 2 = Error intercepted 3 = Definitely preventable 4 = Probably preventable 5 = Probably not preventable 6 = Definitely not preventable	