

Medication Errors in Pediatric Care

Abstraction Form

Article ID: _____

Reviewer A: _____

Reviewer B: _____

Data Entry: _____

Do not include article in review because (check one):

- F does not include human data
- F published prior to 2000
- F not in English
- F meeting abstract (no full article for review)
- F no original data
- F case report only
- F does not include children or infants
- F does not provide pediatric data separate
- F does not include medication errors
- F addresses misdiagnosis only
- F addresses strategies to reduce errors only
- F does not address any of the questions
- F other: (specify) _____

Do not continue if any item above is checked.

FOR EACH QUESTION, CHECK AS MANY BOXES AS APPLY

1. Type of study	Cohort	
	Retrospective review with controls	
	Retrospective review without controls	
	Interventional 'before/after' study	
	Incident report/case series review	
	RCT	
	Other _____	
Unable to tell		

2. Was this 'pre' data for an interventional study?	Yes	
	No	

3. Location of Study	U.S.	
	Other North America	
	Europe	
	Africa	
	Asia	
	Australia	
	South America	
	Unable to tell	

4. # of institutions/entities in study	One	
	More than one	

5. Dates of data collection	Start date _____	
	End date _____	
	Study had multiple time periods	
	Time Period _____	
	Unclear	

6. Setting	Inpatient	
	ICU patients only	
	Clinic/outpatient	
	Emergency Dept	
	Mix	
	Other _____	
Unable to tell		

7. Special Clinical Population?	No, all populations studied	
	Oncology	
	Other _____	
	Unable to tell	

8. Patient Age	Infants (0-1 years)	
	Children (1-11 years)	
	Adolescents (12+ years)	
	Unable to tell	

9. Type of Medications Studied	One specific drug/drug class _____	
	All types of medications	
	Chemotherapy only	
	IV mixtures only	
	Other _____	

10. Type of Numerator Data	Adverse drug events	
	Medication Errors	
	Other _____	

11. Type of Denominator Data	Error reports (manual)	
	Error reports (computerized)	
	Medication orders (manual)	
	Medication orders (computerized)	
	Prescriptions (manual)	
	Prescriptions (computerized)	
	Patient Days	
	Admissions	
	Time Period _____	
Other _____		

12. How was data obtained?	Chart reviews	
	Administrative data	
	Direct observations	
	Incident/error reports	
	Other _____	
	Unable to tell	

13. Who collected the data?	Physicians	
	Nurses	
	Pharmacists	
	Unable to tell	
	Other _____	

14. Who verified the data?	Physicians	
	Nurses	
	Pharmacists	
	Unable to tell	
	Other _____	

15. Types of Errors collected	All types were lumped together	
	Prescribing	
	Dispensing	
	Administering	
	Monitoring Patient for Effect	
	MAR/documentation	
	Unable to tell	

16. Overall Results	Numerator Number
	Denominator Number
	Other

17. Overall Results	Numerator Number
	Denominator Number
	Other

18. Overall Results	Numerator Number
	Denominator Number
	Other

19. Overall Results	Numerator Number
	Denominator Number
	Other

20. Overall Results	Numerator Number
	Denominator Number
	Other

21. Prescribing Error Results	Numerator Number
	Denominator Number
	Other

22. Dispensing Error Results	Numerator Number
	Denominator Number
	Other

23. Administering Error Results	Numerator Number
	Denominator Number
	Other

24. MAR/Documentation Error Results	Numerator Number
	Denominator Number
	Other

25. Monitoring Patient for Effect Error Results	Numerator Number
	Denominator Number
	Other

26. Is severity of error assessed?	Yes	
	No	

27. # of categories of severity scale used	
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28. For errors that 'did not reach the patient'	Numerator Number
	Denominator Number
	Other

29. For errors that caused 'no harm'	Numerator Number
	Denominator Number
	Other

30. For errors that caused harm	Numerator Number	
	Denominator Number	
	Other	

31. For errors that caused significant morbidity or mortality	Numerator Number	
	Denominator Number	
	Other	

32. Is there specific cost data?	Yes	
	No	

33. Is there general cost extrapolations in Discussion?	Yes	
	No	

Comments: