Appendix 1: Data-Abstraction Form

POST-TERM PREGNANCY
ARTICLE ABSTRACTING FORM

Reviewer:_____First Author:_____Year:_____Procite #:_____

ARTICLE FOCUS (circle one): Testing / Management / Both

STUDY DESIGN (check one):

_____RCT – Randomization method: _____Sealed envelope

_____Date/Chart #

_____Not described

_____Other – describe:_____

_____Cohort

_____Case series, no controls, n = _____

_____Case series, historical controls, n = _____

_____Case series, concomitant controls, n = _____

_____Not specified or unable to classify

REASSESSMENT:

Recode article as:_____ Exclude (give reason):_____

*Note: All non-RCTs should be **excluded** from the management review*

KEY QUESTIONS ADDRESSED (check all that apply):

_____1. What are the test characteristics (reliability, sensitivity, specificity, predictive values) and costs of measures used in the management of postdates pregnancy: (a) to assess risks to the fetus of postdates pregnancy, and (b) to assess the likelihood of a successful induction?

_____2. What are the benefits, risks, and costs of currently available interventions for induction of labor?

_____3. What is the direct evidence comparing the benefits, risks, and costs of planned induction versus expectant management at various gestational ages?

_____4. Are the epidemiology and outcomes of postdates pregnancy different for women in different ethnic groups, different socioeconomic groups, or in adolescent women?

STUDY LOGISTICS:

Inclusive dates of data collection (give month and year): from_____to_____

Multicenter study? (circle one): Yes / No If "Yes," no. of sites:_____

Geographic location (in US, give city and state; outside of US, give city and country. If multicenter trial or network, give name, e.g., NICHD MFM Network, RADIUS):_____

TYPES OF PROVIDERS (check all that apply):	**STUDY SETTING (check all that apply):**
_____Unspecified OB/GYN	_____University hospital
_____General OB/GYN	_____Community hospital
_____MFM	_____Unspecified hospital
_____Family practice	_____Freestanding birthing center
_____Nurse midwives	_____Outpatient clinic/physician office
_____Other midwives	_____Not specified or unable to determine
_____Other – describe:_____	_____Other – describe:_____
_____Not specified	

GESTATIONAL AGE DETERMINED BY (check all that apply):

_____LMP

_____1st trimester U/S

_____2nd trimester U/S

_____Other – specify: _____

INCLUSION CRITERIA:	**EXCLUSION CRITERIA:**

SUBJECT CHARACTERISTICS:

1) Identify interventions A, B, and C, and indicate which (if any) served as control

2) Use "NR" to indicate "Not reported"

	Intervention A =	**Intervention B =**	**Intervention C =**	**Overall**
AGE (specify summary statistic [mean, median] and measure of dispersion [standard deviation, range, etc.]; if age not described in these terms, then enter as reported):				
Mean:				
Median:				
SD:				
Range:				
RACE (specify distribution):				
White:	n = / %	n = / %	n = / %	n = / %
Black:	n = / %	n = / %	n = / %	n = / %
Hispanic:	n = / %	n = / %	n = / %	n = / %
Other:	n = / %	n = / %	n = / %	n = / %
GESTATIONAL AGE AT ENTRY INTO STUDY (specify either summary statistic [mean, median] and measure of dispersion [SD, range] or percent in each category; indicate whether measured in days or weeks)				
PARITY (specify either summary statistic [mean, median] and measure of dispersion [SD, range] or percentage in each category):				
BISHOP SCORE (specify either summary statistic [mean, median] and measure of dispersion [SD, range] percentage in each category):				
OTHER measure of cervical dilatation or effacement (specify):				

INTERVENTIONS

Describe the testing and management interventions used in each study group. Include all information necessary to reproduce the treatment/monitoring/testing algorithms used. For example:

Sample Intervention A = Induction

If cervix < 3 cm dilated and < 50% effaced and fetal heart rate normal, then pt given PGE2 gel (Prepidil) 0.5 mg intracervically – max of 3 doses at 6-hr intervals – fetus monitored continuously for min of 1 hr after insertion of gel

If gel not used or did not induce labor within 12 hrs of insertion of last dose, then labor induced by IV oxytocin or amniotomy or both

Interventions to be considered include:

1) **Tests of fetal well-being: No tests, nonstress test, biophysical profile, contraction stress test, amniotic fluid volume, uterine vessel Doppler flow, other, combinations of the preceding**
2) **Tests of fetal size: Physical exam, ultrasound, other**
3) **Tests of readiness for delivery: Bishop score, fetal fibronectin, other, combinations of the preceding**
4) **Interventions: Monitoring/conservative care, stripping of membranes, oxytocin, prostaglandin gel, misoprostil, mechanical interventions**

Intervention A =

Intervention B =

Intervention C =

PATIENT NUMBERS, DROPOUTS AND LOSS TO FOLLOW-UP:

Outcome	**Intervention A =**	**Intervention B =**	**Intervention C =**
No. of subjects at start:			
No. of subjects who did not receive allocated intervention due to:			
Spontaneous labor:	n = / %	n = / %	n = / %
Other complications:	n = / %	n = / %	n = / %
Other/unspecified causes:	n = / %	n = / %	n = / %
No. of subjects at end who had received allocated intervention:	n = / %	n = / %	n = / %
Any post-discharge follow-up? (circle one)	Yes / No	Yes / No	Yes / No
No. of subjects lost to post-discharge follow-up:	n = / %	n = / %	n = / %

MANAGEMENT OUTCOMES:

Outcome Measured (Describe)	**How measured, (e.g., scale/units used, %)**	**Intervention A =**	**Intervention B =**	**Intervention C =**	**P value**
FETAL OUTCOMES (e.g., stillbirth, Apgar scores, admission to NICU, shoulder dystocia, weight, etc.):					
1)					
2)					
3)					
4)					
5)					

MANAGEMENT OUTCOMES (continued):

Outcome Measured (Describe)	How measured, (e.g., scale/units used, %)	Intervention A =	Intervention B =	Intervention C =	P value
FETAL OUTCOMES (continued)					
6)					
7)					
MATERNAL OUTCOMES (e.g., maternal trauma, C-section rate [with causes], infection, etc.):					
1)					
2)					
3)					
4)					
5)					
6)					
7)					
OTHER OUTCOMES					
1)					
2)					

TEST PERFORMANCE OUTCOMES (Testing Articles Only):

Comparison 1

	Reference standard/outcome =			
Screening test =	Ref standard result 1 =	Ref standard result 2 =	Ref standard result 3 =	Totals:
Screen test result 1 =				
Screen test result 2 =				
Screen test result 3 =				
Totals:				

Comparison 2

	Reference standard/outcome =			
Screening test =	Ref standard result 1 =	Ref standard result 2 =	Ref standard result 3 =	Totals:
Screen test result 1 =				
Screen test result 2 =				
Screen test result 3 =				
Totals:				

Comparison 3

	Reference standard/outcome =			
Screening test =	Ref standard result 1 =	Ref standard result 2 =	Ref standard result 3 =	Totals:
Screen test result 1 =				
Screen test result 2 =				
Screen test result 3 =				
Totals:				

Other test performance results (including sensitivity and specificity and qualitative results):

COST/CHARGES/RESOURCE UTILIZATION OUTCOMES:

Outcome Measured	**How measured, (e.g., scale/units used, %)**	**Intervention A =**	**Intervention B =**	**Intervention C =**	**P value**
Total costs/intervention:					
Mean:					
Median:					
SD:					
Range:					
Other cost/resource outcome (specify):					

QUALITY SCORE:
(Check "Yes" or "No" for each item)

Type of Article	Yes	No
MANAGEMENT ARTICLES		
Randomized assignment to intervention?		
Randomization method clearly described and appropriate?		
Study population similar to likely patient population?		
Intervention protocols clearly described or referenced?		
Description provided of how decisions made about mode of delivery?		
Statistical issues addressed/discussed:		
Sample size?		
Use of appropriate tests?		
Study population characterized by:		
Gestational age?		
Dating criteria specified?		
Bishop score or other measure of cervical ripeness?		
TESTING ARTICLES		
Reference standard defined?		
Randomized assignment to test?		
Randomization method clearly described and appropriate?		
Verification bias assessed or discussed?		
Test reliability/variability addressed or discussed?		
Study population well characterized by:		
Gestational age?		
Dating criteria specified?		
Absence of other risk factors (diabetes, HTN, etc.)?		
Study population similar to likely patient population?		
Testing protocol clearly described or referenced?		
Statistical issues addressed/discussed:		
Sample size?		
Use of appropriate tests?		

Appendix 2: Evidence Table Templates

Template for Evidence Table 1

Study	Design and Interventions	Patient Population	Outcomes Reported	Results	Quality Score/Notes
Author and Pro-Cite #	Design: [RCT, etc., including description of method of randomization] Test(s) studied: 1) 2) 3) etc. Reference standard(s): 1) 2) etc. Dates: Location: Setting: [including whether single- or multicenter] Type(s) of providers: Length of follow-up:	No. of subjects at start: Dropouts: Loss to follow-up: No. of subjects at end: Inclusion criteria: Exclusion criteria: Age: Race: Gestational age at entry: Dating criteria: Parity: Bishop score: Other: [including other measures of cervical ripeness]	1) 2) 3) 4) 5) 6) 7) 8) 9) 10) 11) 12) 13) 14) 15)	1) Outcome1: 2) Outcome2: 3) Outcome3: 4) Outcome4: 5) Outcome5: 6) Outcome6: 7) Outcome7: 8) Outcome8: 9) Outcome9: 10) Outcome10: 11) Outcome11: 12) Outcome12: 13) Outcome13: 14) Outcome14: 15) Outcome15:	QUALITY SCORES: TESTING Reference standard: Randomized: Method of randomization: Verification bias: Test reliability/variability: Gestational age: Dating criteria: Other risk factors absent: Similar to likely pt pop: Testing protocol described: Sample size: Statistical tests: MANAGEMENT Randomized: Method of randomization: Similar to likely pt pop: Interventions described: Mode of delivery: Sample size: Statistical tests: Gestational age: Dating criteria: Bishop score:

Template for Evidence Tables 2 and 3

Study	Design and Interventions	Patient Population	Outcomes Reported	Results	Quality Score/Notes
Author and Pro-Cite #	Design: [RCT, etc., including description of method of randomization] Interventions: 1) 2) 3) etc. Dates: Location: Setting: [including whether single- or multicenter] Type(s) of providers: Length of follow-up:	No. of subjects at start: Dropouts: Loss to follow-up: No. of subjects at end: Inclusion criteria: Exclusion criteria: Age: Race: Gestational age at entry: Dating criteria: Parity: Bishop score: Other: [including other measures of cervical ripeness]	1) 2) 3) 4) 5) 6) 7) 8) 9) 10) 11) 12) 13) 14) 15)	1) Outcome1: 2) Outcome2: 3) Outcome3: 4) Outcome4: 5) Outcome5: 6) Outcome6: 7) Outcome7: 8) Outcome8: 9) Outcome9: 10) Outcome10: 11) Outcome11: 12) Outcome12: 13) Outcome13: 14) Outcome14: 15) Outcome15:	QUALITY SCORE: Randomized: Method of randomization: Similar to likely pt pop: Interventions described: Mode of delivery: Sample size: Statistical tests: Gestational age: Dating criteria: Bishop score: