

- 1 **Appendix A. Search strategy in MEDLINE, EMBASE**
- 2 Pregnant women
- 3 Obstetrics/
- 4 Pregnant woman/
- 5 Postpartum period/
- 6 Perinatal care/
- 7 Pregnancy/
- 8 Pregnancy, high- risk/
- 9 Exp Pregnancy complications/
- 10 Delivery, Obstetric/ mo [mortality]
- 11 Labor, obstetric/
- 12 Obstetric labor complication/
- 13
- 14 Mortality
- 15 Maternal death/
- 16 Maternal mortality/
- 17
- 18 Comorbidity Index
- 19 Exp health status indicators to include:
- 20 Health status indicators/or apache/or organ dysfunction scores/ or patient acuity/ or
- 21 “severity of illness index”/ or karnofsky performance statues/ or sickness impact
- 22 profile” outcome assessment (health care)”
- 23 Forecasting/
- 24 Evaluation studies as topic/or program evaluation/ or “reproducibility of results/ or
- 25 validation studies as topic/
- 26 Exp Risk to include: risk/ or logistic models/ or risk assessment/ or risk factors/
- 27 Calibration/
- 28 decision support techniques/
- 29 roc curve/
- 30
- 31 Keywords
- 32 Charlson.tw.
- 33 Elixhauser.tw.

1 **Appendix B. Weighted conditions of the Maternal Comorbidity Index**

Assigned weights for diseases	Conditions
5	Severe Preeclampsia or Eclampsia Chronic Congestive Heart Failure
4	Congenital Heart Disease Pulmonary Hypertension
3	Chronic Ischemic Heart Disease Sickle Cell Disease
2	Multiple Gestation Cardiac Valvular Disease Systemic Lupus Erythematosus HIV Mild or Unspecified Preeclampsia Drug Abuse Placenta Previa
1	Chronic Renal Disease Pre-existing Hypertension Previous Cesarean Delivery Gestational Hypertension Alcohol Abuse Asthma Pre-existing Diabetes Mellitus
3	Maternal Age (y), Older than 44
2	40-44
1	35-39

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1 **Appendix C. Weighted conditions of the Charlson Comorbidity Index**

Assigned weights for diseases	Conditions
6	Metastatic Solid Tumor AIDS
3	Moderate or Severe Liver Disease
2	Hemiplegia Moderate or Severe Renal Disease Diabetes with End Organ Damage Any Tumor Leukemia Lymphoma
1	Myocardial Infarct Congestive Heart Failure Peripheral Vascular Disease Dementia Chronic Pulmonary Disease Connective Tissue Disease Ulcer Disease Mild Liver Disease Diabetes

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1 **Appendix D. List of comorbidities in the Elixhauser Comorbidity Index**

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1. Congestive Heart Failure	16. AIDS
2. Cardiac Arrhythmias	17. Lymphoma
3. Valvular Disease	18. Metastatic Cancer
4. Pulmonary Circulation Disorders	19. Solid Tumor without Metastasis
5. Peripheral Vascular Disorders	20. Rheumatoid Arthritis/ Collagen Vascular Diseases
6. Hypertension	21. Coagulopathy
7. Paralysis	22. Obesity
8. Other Neurological Disorders	23. Weight Loss
9. Chronic Pulmonary Disease	24. Fluid and Electrolyte Disorders
10. Diabetes, uncomplicated	25. Blood Loss Anemia
11. Diabetes, complicated	26. Deficiency Anemia
12. Hypothyroidism	27. Alcohol Abuse
13. Renal Failure	28. Drug Abuse
14. Liver Disease	29. Psychoses
15. Peptic Ulcer Disease excluding Bleeding	30. Depression

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