

L.A.C.E. Tool Instructions

L.A.C.E. Is a tool that was introduced to Millbrook Nursing and Rehabilitation Center by Methodist Hospital as a best practice to reduce re-hospitalization.

L.A.C.E. is an Acronym for (L= Length patient Stay in the hospital, A= Acuity of Admission of patient in the hospital, C= Comorbidity and E= Emergency Visit.

Millbrook's clinical staff use the L.A.C.E. Index scores for every resident on admission and discharge on the following parameters:

Length of stay

- Length patient Stay in the hospital, which includes day of admission and discharge
- Length of stay scores ranges from 1 to 7

Acuity of the admission

- Is when a resident admitted to hospital via the Emergency Department
- If yes, enter "3" as score; otherwise enter "0" if no

Co-morbidities

- Screens for resident diagnosis such as Myocardial Infarction, CVA, PVD, Diabetes, Renal diseases, AIDS, Cancer, etc.

Each of the comorbidities have different scores ranging from +1 to +6. If the total score is between 0 and 3, enter the score and if score is 4 or higher, enter a 5.

Emergency Department visits in the previous 6 months

- Number of times a resident had visited Emergency Department (ED) in the last six month prior to admission (not including the ED visit immediately preceding the current admission)

Enter the exact number up to a maximum of 4 for the score.

L.A.C.E. Total scores range from 1-19 and predict the rate of readmission or death within 30 days.

L.A.C.E. Score: Risk of Readmission is as follows: 0-4 LOW RISK, 5-9 MODERATE RISK, >9 HIGH RISK

If a resident has a L.A.C.E. score greater than or equal to 10, they are placed on heightened monitoring. Physician, family and staff are on a high alert to ensure that the resident receives the appropriate care needed. Additionally Millbrook has incorporated the L.A.C.E. scores into their facility 'THURSDAY TRIAGE TRACKER FORM', which is a tool that works like L.A.C.E.; however, Thursday Triage Tracker is specific to current resident issues that could potentially cause them to be sent to the hospital over the weekend. The Weekend RN Supervisor is presented with a copy of the THURSDAY TRIAGE TRACKER FORM to follow up and monitor the residents identified at higher risk. Additionally Millbrook's clinical staff proactively contacts physicians of all residents identified as high risk by the Triage Tracker prior to the weekend. This is done in order to identify physician directed interventions to prevent a weekend hospitalization.

The combination of L.A.C.E. and the THURSDAY TRIAGE TRACKER has helped in reducing hospital readmissions at Millbrook.

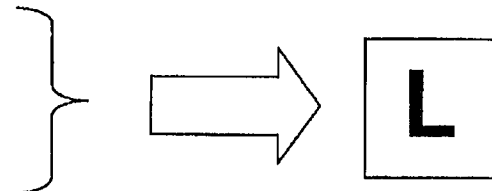
MR# _____
 UNIT _____
 DOS _____

LACE index scoring tool

Step 1. Length of Stay

Length of stay (including day of admission and discharge): _____ days

Length of stay (days)	Score (circle as appropriate)
1	1
2	2
3	3
4-6	4
7-13	5
14 or more	7



Step 2. Acuity of Admission

Was the patient admitted to hospital via the emergency department?
 If yes, enter "3" in Box A, otherwise enter "0" in Box A

A

Step 3. Comorbidities

Condition (definitions and notes on reverse)	Score (circle as appropriate)	
Previous myocardial infarction	+1	If the TOTAL score is between 0 and 3 enter the score into Box C. If the score is 4 or higher, enter 5 into Box C
Cerebrovascular disease	+1	
Peripheral vascular disease	+1	
Diabetes without complications	+1	
Congestive heart failure	+2	
Diabetes with end organ damage	+2	
Chronic pulmonary disease	+2	
Mild liver or renal disease	+2	
Any tumor (including lymphoma or leukemia)	+2	
Dementia	+3	
Connective tissue disease	+3	
AIDS	+4	
Moderate or severe liver or renal disease	+4	
Metastatic solid tumor	+6	
TOTAL		

C

Step 4. Emergency department visits

How many times has the patient visited an emergency department in the six months prior to admission (not including the emergency department visit immediately preceding the current admission)? _____

Enter this number or 4 (whichever is smaller) in Box E

E

Add numbers in Box L, Box A, Box C, Box E to generate LACE score and enter into box below. If the patient has a LACE score is greater than or equal to 10 the patient can be referred to the virtual ward

LACE

LACE Score Risk of Readmission: 0 - 4 Low, 5 - 9 Moderate, > 9 High Risk

Condition	Definition and/or notes
Previous myocardial infarction	Any previous definite or probable myocardial infarction
Cerebrovascular disease	Any previous stroke or transient ischemic attack (TIA)
Peripheral vascular disease	Intermittent claudication, previous surgery or stenting, gangrene or acute ischemia, untreated abdominal or thoracic aortic aneurysm
Diabetes without microvascular complications	No retinopathy, nephropathy or neuropathy
Congestive heart failure	Any patient with symptomatic CHF whose symptoms have responded to appropriate medications
Diabetes with end organ damage	Diabetes with retinopathy, nephropathy or neuropathy
Chronic pulmonary disease	??
Mild liver or renal disease	Cirrhosis but no portal hypertension (i.e., no varices, no ascites) OR chronic hepatitis Chronic Renal Disease
Any tumor (including lymphoma or leukemia)	Solid tumors must have been treated within the last 5 years; includes chronic lymphocytic leukemia (CLL) and polycythemia vera (PV)
Dementia	Any cognitive deficit??
Connective tissue disease	Systemic lupus erythematosus (SLE), polymyositis, mixed connective tissue disease, moderate to severe rheumatoid arthritis, and polymyalgia rheumatica
AIDS	AIDS-defining opportunistic infection or CD4 < 200
Moderate or severe liver or renal disease	Cirrhosis with portal hypertension (e.g., ascites or variceal bleeding) Endstage Renal Disease, Hemodialysis or Peritoneal Dialysis
Metastatic solid tumor	Any metastatic tumour

