

Machine Learning Improves Patient Outcome and Value-Based Care Delivery

Care Management Case Management Disease Management Patient Statistics Financial Analysis Claims Mangement Bed Occupancy/Admission Physician Performance Value-Based Care

Care Management

Patient Risk

Patient

Noble, James

Disease State

Acute

Hospital

Community Hospital

DRG Code

DRG 108

Date

6/25/2015

Demographics

Name : Noble, James

DOB : 11/11/1933

Gender : Male

Contact No : (800) 638-5000

Address : 730 Broadway New York 10003

Marital Status : Married

Emergency Contact : (800) 638-5000

Contact Relationship : Wife

Family Member Disease Status

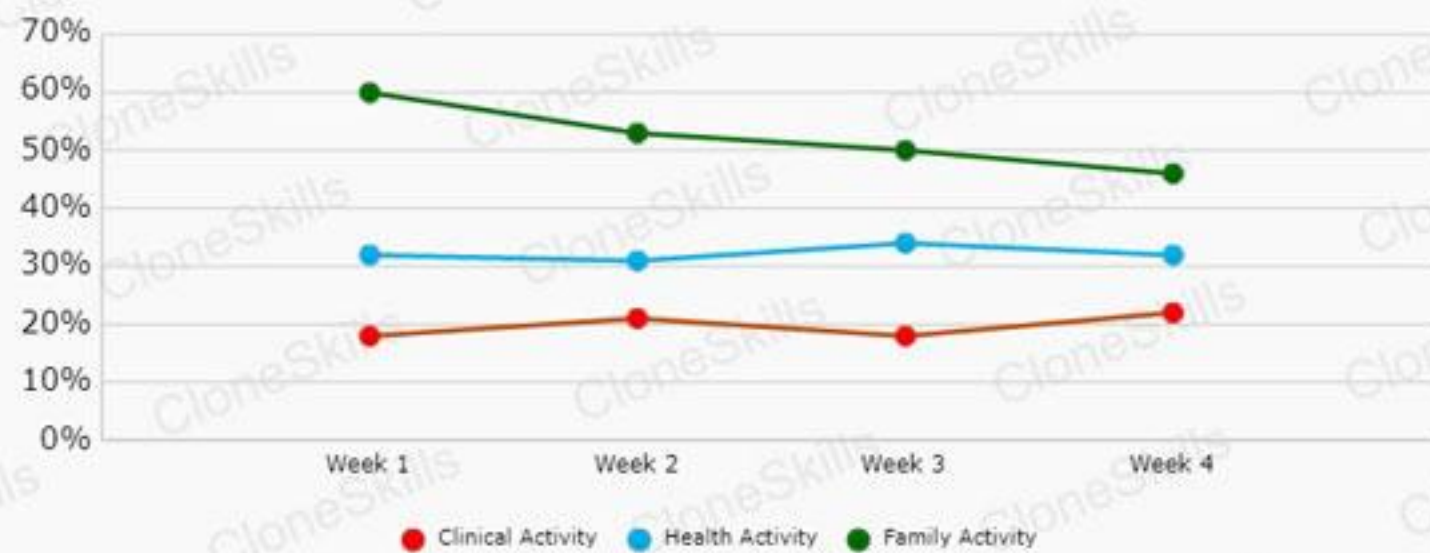
Mother : Heart Disease

Patient Voice, Emotional Activity and Information Seeking

Data Source

Twitter

Patient Social Activity



Patient Risk Assessment (Predictive)

Blood Pressure(mm/Hg)

5.9

Cholestrol(mg/dl)

178

Heart Rate(bpm)

69

Risk Score

52.9

Low- 50 to 60
Moderate-60 to 70
High-70 Above

Temperature in Deg F
Blood Pressure (Diastolic)
Blood Pressure (Systolic)
Glucose Level
Smoking Status
Weight

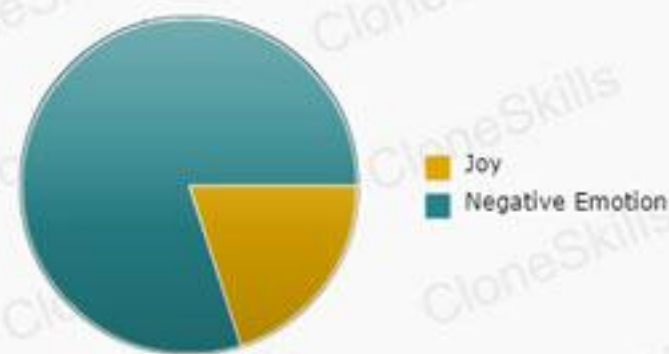
Readmission Rate to Date
Predicted Readmission Rate

Patients Activity (Including mhealth Metrics)

Yesterdays Activity

247 Steps Taken
0 Floors Climbed
0.11 Miles Travelled
657 Calories Burned
72 Active Score

Patient Joy & Happiness



Health Monitoring

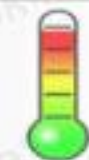
Heart Rate (BPM)

66

Blood Group

AB +

Body Temp (Deg F)



104

BP (mm/Hg)



111

Glucose(mg/dl)

111

Positive Sentiment

Caring Great
Awesome Timely

Negative Sentiment

Worried Disaster
Terrible Not Good

Providing Physician

Dr. Harran Y. Zureikat

Dr. Zaher Alkaseeh

Dr. Mohamed O. Al-Baggal

Dr. Muneer Areeda

Dr. Hatem Salameh Al-Tarawneh

Dr. Ahmad Mohanna Al Harasees

Dr. Imad Hadad

Participating in PQRS

Yes

Yes

Yes

No

Yes

No

Yes