library(dplyr)

tap7.data <- read.csv('patient\_data.csv')

#------------------------------------------------------------------#

#--------------------------option1---------------------------------#

#http://www.catalogs.com/info/bestof/top-10-diseases-of-the-elderly#

#------------------------------------------------------------------#

#------------------------------------------------------------------#

#10. Arthritis

#joint

#469 - MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W MCC

#470 - MAJOR JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC

#480 - HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W MCC

#481 - HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W CC

#482 - HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W/O CC/MCC

#9. Hypertension

#305 - HYPERTENSION W/O MCC

#8. Diabetes

#638 - DIABETES W CC

#7. Heart Disease

#a. heart

#291 - HEART FAILURE & SHOCK W MCC

#292 - HEART FAILURE & SHOCK W CC

#293 - HEART FAILURE & SHOCK W/O CC/MCC

#b. cardiovasc

#238 - MAJOR CARDIOVASC PROCEDURES W/O MCC

#6. Osteoporosis

#bone

#553,554, not in the dataset

#5. chronic obstructive pulmonary disease

#190 - CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC

#191 - CHRONIC OBSTRUCTIVE PULMONARY DISEASE W CC

#192 - CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC

#4. Hearing impairments

#133,134,146,147,148

#Surgery for Otosclerosis: Laser Stapedotomy / Stapedectomy

#http://www.nyogmd.com/files/SurgeryForConductiveHearingLoss.pdf

#3. Depression

#Usually people do not have surgery for depression

#2. Alzheimer’s disease

#Usually people do not have surgery for disease

#1. Parkinson’s disease

#Usually people do not have surgery for this disease

#----------------------------------------------------#

#-------------------option2--------------------------#

#http://www.hcup-us.ahrq.gov/reports/natstats/rn4.htm#

#----------------------------------------------------#

#----------------------------------------------------#

#normal newborn

#795

#vaginal delivery

#767,768

#heart failure

#291 - HEART FAILURE & SHOCK W MCC

#292

#293

#---------------------------------------------#

#---------------option3-----------------------#

#http://www.ehrdocs.com/time/pdf/Top10DRGs.pdf#

#---------------------------------------------#

#---------------------------------------------#