```
from tensorflow.python.keras import layers, models
from tensorflow.python.keras.preprocessing.image import ImageDataGenerator
data dir test = 'chest xray/test'
category names = sorted(os.listdir('chest xray/train'))
model = models.Sequential()
model.summary()
batch size = 32
print('Total number of images for "training":')
train = train datagen.flow from directory(
  target_size=(img_height, img_width),
print('Total number of images for "validation":')
val = test datagen.flow from directory(
print('Total number of images for "testing":')
test = test datagen.flow from directory(
```