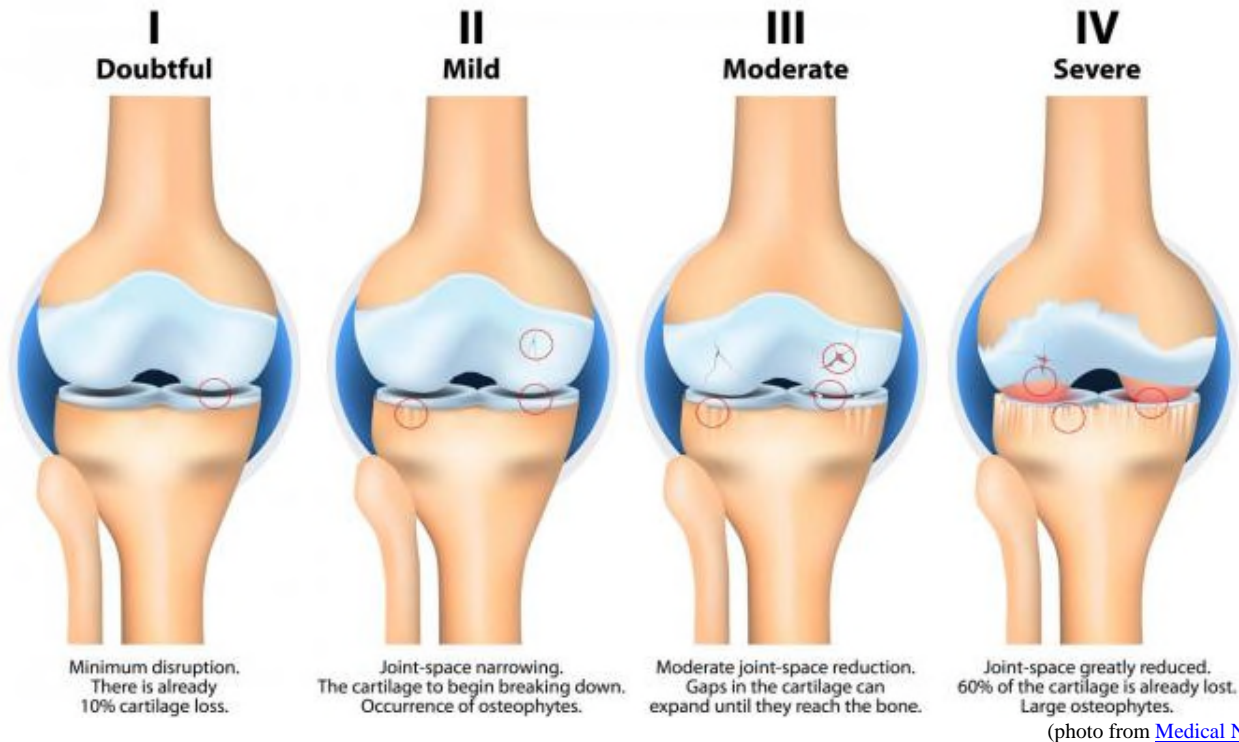


Kellgren-Lawrence Grading for Knee Osteoarthritis

STAGE OF KNEE OSTEOARTHRITIS



The Kellgren-Lawrence radiologic grading system is the most common system used to classify knee osteoarthritis. It consists of 5 grades that serves as a guide for appropriate management.

- Grade 0
 - No radiographic findings of osteoarthritis
- Grade 1
 - Doubtful joint space narrowing
 - Possible osteohpytes without clinical significance
- Grade 2
 - Possible joint space narrowing
 - Definite osteophytes
- Grade 3
 - Moderate joint space narrowing
 - Definite osteophytes
 - Some bony sclerosis
- Grade 4
 - Severe joint space narrowing
 - Definite osteophytes
 - Subchondral sclerosis
 - Definite deformity of bone contour

+ Note that symptoms can occur without radiographic evidence; hence, a Grading of 0 is included

Grades 0-2 warrant non-surgical management such as physical therapy, pain medications, and steroid, platelet-rich plasma, and hyaluronic acid injection.

Grades 3-4 warrant referral to an orthopedic surgeon for possible surgical intervention