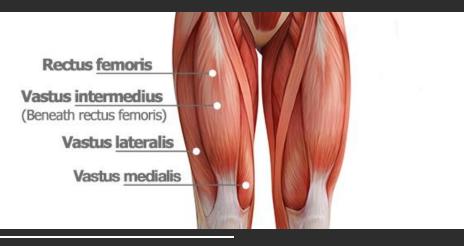
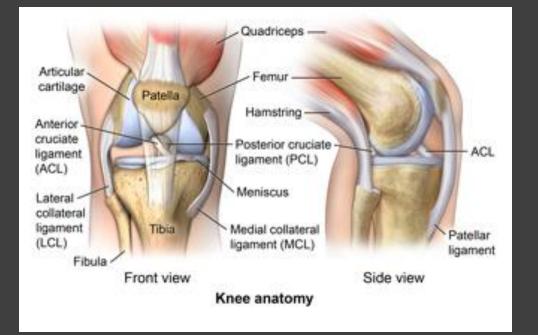
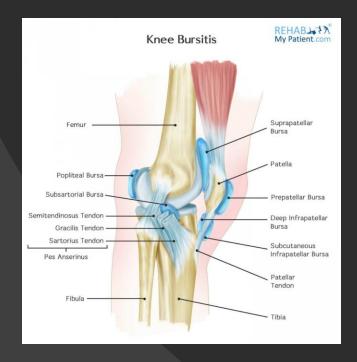
# Knee pain – Why do I have it? How do I get rid of it?

By Bartosz Kuczyc PT, DPT

# Structures of the knee









# Musculoskeletal conditions of the knee

Osteoarthritis – patellofemoral vs tibiofemoral

\*Patellofemoral pain syndrome (PFPS)

Patellar tendinopathy

IT Band syndrome

Ligamentous injuries (Sprains – ACL, MCL, LCL, PCL)

Meniscal tears

Bursitis

\*Osgood Schlatter disease & Sindig Larson Johansson (SLJ) syndrome



# How do we treat knee pain?

#### Activity modifications – frequency, duration, and load



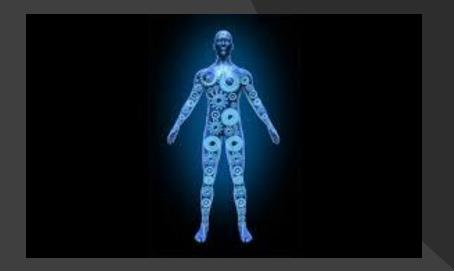
Take a look at body mechanicsanterior chain vs posterior chaindynamic knee valgus (inward collapse)





# How do we treat knee pain?

Identify limitations in the ankle, hip, and back





### Exercises

Self releases:

• Quads and hip flexors

Glute activation

- 90/90s 3 way
- Side stepping with kickstand

Glute strengthening:

 Hip thrust with external rotation: progress from double leg > double leg march > single leg



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